

CURRICULUM VITAE(履歴書)

I	Personal Data(個人データ)	Page 1
II	Education & Training(教育と研修)	Page 1~2
III	Academic Appointments(研究・教育機関履歴)	Page 2~3
IV	Certification and Licensure(証書と資格)	Page 3~6
VI	Visiting Professor(客員教授)	Page 6~9
VI	Honors, Awards and Grants(叙勲,賞,助成金)	Page 10~11
VIII	Meeting's President	Page 11~12
IX	Editorial Board	page 12~13
X	Invited Lecture, Symposist, Chair Person, and Free Paper Presentation at International Meetings (Since 1985)	Page 13~27
XI	Social Activities	Page 27~
XII	Papers in English (英文論文)	Page 28~61
XIII	Books in English (英文著書)	Page 62~64
XIV	Papers in Japanese with English Abstract (和文論文英文抄録付)	Page 64~106
XV	Books in Japanese without English Abstract (和文著書)	Page 106~107
XVI	General Books(一般書)	Page 107

Koki Shimoji, M.D., Dr. Med. Sci. (PhD), FRCA

Date of Preparation: 02/29/20

Updated: 05/20/23

I Personal Data:	
Citizenship Status	Japan
Born	Okinawa, Japan (November 21,
1935)	
Married	Yoko (Sano)
Children	Yuko (1973), Kaoru (1974)
 II Education & Training:	
1954-1960	Kumamoto University School of Medicine
(M.D.)	
1961-1965	Kyoto University Faculty of Medicine,
	Graduate School (Dr. med. Sci.)(PhD)

1966-1967

Mayo Graduate School of Medicine

III Academic Appointments:

1965-1966

Instructor, Department of Anesthesiology,
Kyoto University, Faculty of Medicine

1967

Assistant Professor, Department of
Anesthesiology, Kumamoto University
School of Medicine

1968-1973

Associate Professor, Department of
Anesthesiology, Kumamoto University
School of Medicine

1971-2001

Visiting Professor, Yamaguchi University
School of Medicine

1973-1974

University School of Medicine

Associate Professor, Department of
Anesthesiology, Tokyo Medical and Dental

1974-2001

Professor and Chairman, Department
of Anesthesiology, Niigata University
School of Medicine, Director of Intensive

Care

1975-2001

Unit, Niigata University Hospital
Visiting Professor, Yamagata University
School of Medicineof
1981-2001Visiting Professor, Kyoto University Faculty
MedicineSchool
1990-2001Visiting Professor, Kumamoto University
of Medicine

1996 for 2 weeks Visiting Professor, London University Guy's Hospital,
London Neurological Hospital, Kenbridge University Hospital, Edinburgh University
Hospital, Burmighm University Hospital, invited by Loyal Society of Anaesthesia

March, 2001

Retired from Chairman, Dept Anesthesiol, Niigata
U Sch Med

May, 2001-November, 2001

Visiting Prof, U of London

April, 2001-present

Visiting Prof, Ansted U

March, 2001-present	Professor Emeritus, Niigata U
Ocober,2002-present	Professor, Dept Neurosci, Ube Frontier University
Graduate School of Human Sciences	
April, 2003-present	Visiting Professor, Saitama Medical College

IV Certification and Licensure:

1961	License of Medical Practice
1965	License of Anesthesia Practice
1968 Anesthesiology	Japanese Board of Teaching in
1988 Medicine	Japanese Board of Practice in Acute
1988 Medicine	Japanese Board of Teaching in Acute
1989	Japanese Board of Teaching in Pain Clinic
1994	Member of AUA (Association of University Anesthesiologists),USA
1997 (FRCA),UK	Fellow of Royal College of Anaesthetists

V Professional Affiliations:

A. Domestic:

1961-present (1990-),	Japan Society of Anesthesiologists, Active Member, councilor (1968-), director President (1997)
1963-present Member, (1991-)	Japan Society of EEG and EMG, Active councilor (1980-1982, 1988-), director President elect (1995), President (1996)

1969-present	Japan Society of Physiology, Active Member
1973-present	Japanese Society of Pain Clinician, Active Member, President (1983), councilor
1974-present	Japan Society of Acute Medicine, Active Member, director (1983-)
1974-present Active	Japanese Association of Pain Research, Member, councilor (1980-) director (1989)
1976-present Member	Japan Neuroscience Association, Faculty
1976-present Active	Japan Society of CBF and Metabolism, Member, director (1976-)
1979-present Member,	Japan Society of Intensive Care, Active councilor (1990-)
1980-present Member,	Japan Society of Resuscitation, Active councilor (1980-)
1983-2001	Jpn Society of Cancer Treatment ,councilor(1983-)
1997-present	Japan Society of Promotion of Bone Marrow Transplantation, Councilor (1997-)
B. International:	
1976-present Active Member)	International Brain Research Organization, Member (Jpn Soc Neuroscience, Active
1980-present Society, (1989)	International Spinal Cord Monitoring Faculty, Vice-president (1980), President
1982-present Pain,	International Association for the Study of Active Member

1983-present Affiliated	American Society of Anesthesiologists, Member
Flow &	International Society of Cerebral Blood Metabolism, Active Member
1991-present Local	Federation of Clinical Neurophysiology, Committee Member (1991-)
Clinical	Treasurer of the 10th World Congress of Neurophysiology (Kyoto, 1991-1995) Committee Member, Pain Relief, World Federation of Anaesthesiologists (WFSA)
1997-2001	Chairman, Pain Relief Committee, WFSA
1999-present	Education Committee Member, International Association for the Study of Pain
2000-present	Professor and Council, Ansted University, Penang, and Council Member of Medical School Establishment

VI Visiting Professor

Apr. 16-23, 1971 USA.	Medical School of Wisconsin, Milwaukee,
Sept. 10-28, 1973	Zagreb University Medical School, Zagreb, Yugoslavia
June 7-8, 1978	Kanazawa Medical College, Kanazawa
Sept. 23-24, 1979	Kobe University School of Medicine, Kobe
June 6-7, 1980 School of	Tokyo Medical and Dental University Medicine, Tokyo
May 7-8, 1981	Kumamoto University School of Medicine,

	Kumamoto
Nov. 11-13, 1982	Yokohama City Medical College, Yokohama
May 14-16, 1983	University of Bonn, Faculty of Medicine, Bonn, West Germany
Oct. 2-6, 1984	Erasmus University Medical School, Rotterdam, The Netherlands
Oct. 11-14, 1984 USA.	New York Medical College, New York,
June 25-26, 1990	Gunma University School of Medicine, Maebashi
Oct. 3-6, 1990	Mayo Medical School, Rochester, USA.
May 27-29, 1992	INSERM, Paris, France
June 8-11, 1992 Rotterdam,	Erasmus University Medical School, The Netherlands
Sept. 4-7, 1993	University of Minnesota, Minneapolis, USA.
Sept. 8-9, 1993	Einstein College of Medicine, NY, USA.
Sept. 10-11, 1993	New York Medical College, NY, USA.
May 24-25, 1995	New York Medical College, NY, USA.
June 14-15, 1995	Kurume Univ Sch Med, Kurume
Sept. 2-16, 1995	Rank Lecturer for the Royal College of Anaesthetists (Middlesex Hospital, Guy's Hospital, National Hospital for Nervous
Diseases,	Cambridge University, Edinburgh Royal Infirmary and University of Birmingham,
UK)	
May 29-30, 1996	Kyoto Univ Faculty Med, Kyoto
June 27-28, 1997	Kurume Univ Sch Med, Kurume

Sept. 2-4, 1997	Univ Hamburg Sch Med, Hamburg
Sept. 10-11, 1997	Royal College of Anaesthetists, London Guy's Hospital, Univ London, London
Nov. 5-6, 1997	Yamagata Univ Sch Med, Yamagata
Dec. 2-3, 1997	Gifu Univ Sch Med, Gifu
Feb. 7-8, 1998	Kobe University School of Medicine, Kobe
Feb. 10-11, 1998	Saga Med College, Saga
Feb. 16-17, 1998	Yamaguchi Univ Sch Med, Ube
Mar. 9-11, 1998 Gung	Chang Gung Memorial Hospital, Chang Univ Sch Med, Kaohsiung, Taiwan
Sept. 9-10, 1998	Yamagata Univ Sch Med, Yamagata
Oct. 7-9, 1998	Botkin Hospital, Moscow
Jan. 25-26, 1999	Yamaguchi Univ Sch Med, Ube
Mar. 25-26, 1999	Guy's Hospital, Univ London, London
April 22-23, 1999	Kurume Univ Sch Med, Kurume
June 17-18, 1999	Graduate Sch Med, Kurume Univ, Kurume
Oct. 13-14, 1999	Yamagata Univ Sch Med, Yamagata
Jun. 30-31, 2000	Yamaguchi Univ Sch Med, Ube
Feb. 28-29, 2000	Fukui Medical Univ, Fukui
April 13-14, 2000	Kurume Univ Sch Med, Kurume
May 11- 25, 2000	Minnesota University School of Medicine
Jan. 14-15, 2001	Yamaguchi Univ Sch Med, Ube
June 1-Oct.31,2002	University of London
January 1, 2003-Present	Frontier University Graduate School of Human Sciences

January 1, 2004-2006	Saitama Medical School
April 1, 2006-Present	Sozou-Gakuen University

VI Honors, Awards and Grants

1965	The Most Distinguished Paper at the 12th Annual Meeting of Japan Society of Anesthesiologists
1976-1978	The Grant-in-Aid (Ippan-A)(#144063), Principal Investigator, Japanese Ministry of Education, Science & Culture
1979-1981	The Grant-in-Aid (Ippan-A)(#444057), Principal Investigator, Japanese Ministry of Education, Science & Culture
1982-1984	The Grant-in-Aid (Ippan-B)(#57480295), Principal Investigator, Japanese Ministry of Education, Science & Culture
1983	The Research Award of the Japanese Medical Association
1985-1987	The Grant-in-Aid (Ippan-B)(#60480345), Principal Investigator, Japanese Ministry of Education, Science & Culture
1987-1989	The Referee of the Grant-in-Aid, Japanese Ministry of Education, Science & Culture
1989-1991	The Grant-in-Aid (Ippan-A)(#63440058), Principal Investigator, Japanese Ministry of Education, Science & Culture
1992-1994	The Grant-in-Aid (Ippan-B)(#04454385), Principal Investigator, Japanese Ministry of Education, Science & Culture
	The Grant-in-Aid (Sogo-A)(#04304042), Principal Investigator, Japanese Ministry of Education, Science & Culture
1993	First place co-winner (with T Yamakura) for the research paper presented at 47th
postgraduate	

assembly, NY Soc Anes

- | | |
|-----------|--|
| 1994-1997 | The Grant-in Aid (Ippan-A)(#06404055),
Principal Investigator, Japanese
Ministry of Education, Science & Culture |
| 1995-1997 | The Grant-in Aid (Shiken-B)(#07557100),
Principal Investigator, Japanese
Ministry of Education, Science & Culture |
| 1998-2000 | The Grant-in Aid (Kiban A-2)(#10307035),
Principal Investigator, Japanese
Ministry of Education, Science & Culture |
| 1998-2000 | The Grant-in Aid (Kiban B-2)(#10557137),
Principal Investigator, Japanese
Ministry of Education, Science & Culture |
| 2011 | Received the Order of the Sacred Treasure, Japan |

VIII Meeting's President

- | | |
|-------------------------|---|
| 1980 | Vice-president, the 1st International
Symposium on Spinal Cord Monitoring |
| 1982-83 | President, Japan Society of Pain Clinic |
| 1988 | President, Japan Society of Cerebral
Blood Flow and Metabolism |
| 1989
Evoked | President, the 1st Japanese Symposium on

Potentials |
| 1989 | President, the 4th International
Symposium on Spinal Cord Monitoring
& Electrodiagnosis |
| 1992 | President, the 32nd Annual Meeting, Jpn Soc
Anesthesiology, Kanto District |
| 1996 | President, the 26th Annual Meeting,
Jpn Soc EEG & EMG |
| 1997
Anesthesiology) | President, the 44th JSA (Jpn Soc |

1998 Vice President, the 6th International Evoked Potentials Symposium

IX Editorial Board

1987-present	J Electrodiag Spinal Cord (domestic)
1989-1992	Masui (Jpn J Anesthesiol) (domestic)
1991-present	Jpn J Clinical Anesthesia (domestic)
1992-1995	J Anesthesia (domestic)
1994-2001	Pain Clinic (domestic)
1996-2003	J Neurosurg Anesthesiol (international)
1995-present	Pain Rev (international)
1996-present	Pain Res (international)
2005-present	Internat J Biomed Sci (international)

X Invited Lecture, Symposist, Chair Person, and Free Paper Presentation at International Meetings (Since 1985)

1985

Mar. 28-30	Chairperson at 62nd Ann Meeting of JPS (Japan Physiological Society), Kurume
May 11	Chairperson at 8th Ann Meeting of Soc of Spinal Cord Electrodiagnosis, Tokyo
June 4	Lecture at Erasmus University, Department of Anesthesia, Rotterdam
June 5-6	Symposist at 5th International Symposium on New Trend of Local Anesthesia, Dusseldorf
Oct. 6	Special Lecture at Korea/Japan Joint Anesthesia Symposium
Oct. 18-20	Symposist at 15th Ann Meeting of Jpn Soc of EEG & EMG, Fukushima
Oct. 29	Lecture at Cathay General Hospital, Taiwan

- Nov. 30 Symposist at 63rd Ann Meeting of Jpn Soc Physiol, Yamagata
- 1986
- Apr. 2-4 Symposist at 63rd Ann Meeting of Jpn Soc of Electrotherapy, Osaka
- Apr. 10-12 Symposist at 33rd Ann Meeting of JSA, Kyoto
- May 17 Chairperson at 418th General Assembly of Niigata Med Assoc, Niigata
- Sept. 27 Chairperson at 26th Ann Meeting of JSA, Kanto-Koshinetsu District,
Tokyo
- Oct. 27 Lecture at New York Medical College, Dept of Anesthesiology
- Oct. 21-24 Symposist at 3rd International Symposium on Spinal Cord Monitoring,
Annapolis
- Oct. Free paper presentations at ASA Annual Meeting, Las Vegas
- Dec. 13 Chairperson at 8th Ann Meeting of Jpn Soc Pain, Aichi
- 1987
- Feb. 21 Chairperson at 10th Ann Meeting of Soc of Spinal Cord Electrodiag,
Tokyo
- Mar. 18-20 Symposist at 14th Ann Meeting of Jpn Soc ICU, Yamaguchi
- Mar. 30-
Elderly:
Apr. 2 Free paper presentation at Normal Aging & Clinical Problems in the
International Symposium, Montreux
- June 20-25 Free paper presentation at 13th International Symposium on Cerebral
Blood
Flow and Metabolism, Montreal, Brain 87
- July 24-25 Symposist at 21st Ann Meeting of Jpn Soc Pain Clinicians, Tokyo
- Aug. 2 Free paper Presentation at 5th World Congress on Pain, the International
Association for the Study of Pain, Hamburg
- Aug. 10 Lecture at Erasmus University
- Aug. 16-21 Lecture at 2nd World Congress of Neuroscience, Budapest
Symposist at Satellite Symposium: Brain Hypoxia
- Sept. 5 Special Lecture at 8th Spinal Cord Symposium, Tokyo

- Oct. 23-24 Symposist at 30th Ann Meeting of Jpn Soc CBF and Metabolism, Tokyo
- Nov. Symposist at 17th Ann Meeting of Jpn Soc EEG & EMG, Tokyo
- 1988
- Feb. 20 Special Lecture at Ann Meeting of JSA, Tokai District, Nagoya
- Feb. 27 Chairperson at 11th Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
- July 16 Chairman at 440th Meeting of Niigata Med Assoc, Niigata
- July 30 Invited Lecture at 6th Fukuoka Pain Soc, Fukuoka
- Aug. 23 Symposist at 9th Symposium on Opioid Peptides, Gifu
- Sept. 12-14 Symposist at International Symposium on Hypoxia, Berlin
- Oct. 31-
Nov. 2 Symposist at International Symposium on Brain Resuscitation, Ube
- Nov. 19
MOF Organizer & Chairman, 3rd Ann Meeting of Niigata Soc of Shock & MOF
- Dec. 7-9 Lecture at 12th Ann Meeting of Jpn Soc of Neuroscience, Tokyo
- 1989
- June 26-29 President of 4th International Symposium on Spinal Cord Monitoring and Electrodiagnosis, Niigata
- July 1 Organizer & Chairman, 1st Symposium on Evoked Potentials, Niigata
- July 21 Chairman at 23rd Ann Meeting of Jpn Soc Pain Clinicians, Morioka
- Oct. 6 Special Lecture at Isoflurane Conference, Tokyo
- Nov. Special Lecture at Taiwan Society of Pain Therapy
- Nov. 2 Chairman at 9th Ann Meeting of Jpn Soc Clin Anesthesia, Tokyo
- Dec. 2 Chairman at 11th Ann Meeting of Jpn Soc Pain, Osaka
- 1990
- Jan. 27 Chairman at 4th Ann Meeting of Niigata MOF Soc
- Mar. 17 Chairman at 13th Ann Meeting of Niigata Soc Artificial Resp
- Apr. 9 Symposist at Satellite Symposium of the 6th World Congress on Pain,

Kauai:

Hawaii

- July 20 Chairman at 24th Ann Meeting of Jpn Soc Pain Clinicians, Chiba
- July 28 Organizer & Chairman, 26th Meeting of Niigata Soc Pain
- Sept. 28 Symposist at 4th International Evoked Potentials Symposium, Toronto
- Oct. 4 Invited Lecture at Mayo Clinic
- Oct. 26 Chairman at 20th Ann Meeting of Jpn Soc EEG & EMG, Tokyo
- Nov. 3 Educational Lecture at 10th Ann Meeting of JSA, Yokohama
- Nov. 18-21 Lecture at 4th International Symposium: The Pain Clinic, Kyoto
- 1991
- Jan. 26 Chairman at 1st Niigata Soc of Terminal Care
- Mar. 28 Chairman at 38th Ann Meeting of JSA, Osaka
- Apr. 6 Special Lecture at 4th Ann Meeting of Shizuoka Anesthesia Conference
- May. 17 Special Lecture at 3rd Ann Meeting of Kyo-Ji Brain & Nerve Soc, Kyoto
- July 12 Organizer & Chairman, 7th Ann Meeting of Niigata Soc Clin
Neurophysiol
- July 27 Chairman at 25th Ann Meeting of Jpn Pain Clinicians, Maebashi
- Aug. Lecture at 3rd IBRO World Congress of Neuroscience, Montreal
- Oct. 31 Chairman at Luncheon Seminar, 11th Ann Meeting of Jpn Soc Clin,
Anesthesia
- 1992
- Apr. 11 Chairman at 39th Ann Meeting of JSA, Fukuoka
- May 5 Chairperson and Symposist at 1st International Congress International
Neuromodulation Society, Rome
- June 2-5 Key Lecture at 5th International Symposium on Spinal Cord Monitoring,
London
- June 10 Lecture at Erasmus University

June 15	Symposist at 10th world Congress of Anaesthesiologists, Hague
July 24	Chairperson at 26th Ann Meeting of Jpn Soc Pain Clinicians, Asahikawa
Aug. 29 Miyazaki	Special Lecture at 4th Ann Meeting of Jpn Soc Clin Neurophysiol,
Sept. 5 Niigata	President of 32nd Ann Meeting of JSA, KANTO-KOSHINETSU Area,
Sept. 18 Light to Metabolism,	Chairman and Organizer of Symposium on "Therapeutic Measures of Severe Brain Ischemia-From the Standpoint of Cellular Function Molecular Mechanisms, Niigata
Oct. 9	Special Lecture at 7th Ann Meeting of Jpn Soc Basic Orthopedics, Tokyo
Oct. 22	Chairman at 12th Ann Meeting of Jpn Soc Clinical Anesthesia, Chiba
Nov. 25	Organizer & Chairman, 31st Ann Meeting of Niigata Soc Pain
Dec. 5	Chairman at 14th Ann Meeting of Jpn Soc for the Study of Pain, Tokyo
<u>1993</u>	
Jan. 9 of	Educational Lecture at 1st Ann Meeting of KANTO-KOSHINETSU Soc ICU, Omiya
Mar. 12	Organizer & Chairman, 9th Ann Meeting of Niigata Soc Clinical Electro- physiology
Apr. 23	Chairman at 40th Ann Meeting of JSA, Morioka
May 24 and	Chairperson at XVIth International Symposium on Cerebral Blood Flow Metabolism Brain 93 Scientific Program, Sendai
May 31	Chairman at Special Meeting of Niigata Brain & Nerve Soc, Niigata
Aug. 31 Vancouver	Symposist at 13th International Congress of Clinical Neurophysiology,
Sept. 3 Vancouver	Symposist at 13th International Congress of Clinical Neurophysiology,
Sept. 7	Invited Lecture at University of Minnesota

- Sept. 9 Invited Lecture at Albert Einstein College of Medicine
Invited Lecture at NY Medical College
- Nov. 1 Symposist at 4th Japanese-Chinese Symposium on Clinical
Anesthesiology,
Fukuoka
- Nov. 5 Chairman at 7th Ann Meeting of Niigata Prostaglandin Study
- Nov. 6 Chairman at 9th Ann Meeting of Electrotherapy, Tokyo
- Nov. 11 Chairperson at 13th Ann Meeting of Jpn Soc Clin Anesthesia, Hikone
- Nov. 17 Educational Lecture at 23rd Ann Meeting of Jpn Soc EEG & EMG,
Kagoshima
- Nov. 22 Organizer & Chairman, 10th Ann Meeting of Niigata Soc Clin
Electrophysiol
- Dec. 11 Special Lecture at 2nd Ann Meeting of Fukushima Soc Anesthesiologists,
Fukushima
- 1994
- Jan. 20 Special Lecture at Ann Meeting of Miyako Medical Doctor Assoc,
Okinawa
- Jan. 29 Chairman at 8th Niigata MOF Meeting, Niigata
- Feb. 17 Organizer & Chairman of 33rd Niigata Pain Soc, Niigata
- Feb. 25 Chairman and Organizer of Symposium on "Therapeutic measures of
light to
severe brain ischemia-from the standpoint of cellular function
metabolism,
molecular mechanisms, Kurume
- Apr. 13 Education Lecture at 4th Ann Meeting of JSA, Tokyo
- May 28 Special Lecture at 18th Congress of Korean Pain Society, Pusan
- May 30 WFSA Lecture Refresher Course, Khabarovsk
- July 2 Special Lecture at 13th Ann Meeting of Yamaguchi Neuroscience Soc
- July 16 Chairperson at 28th Ann Meeting of Jpn Soc Pain Clinicians, Nagoya
- July 27 Chairman of 34th Meeting of Niigata Pain Soc, Niigata

- July 29 Special Lecture at 22nd Ann Meeting of Kyo-Ji Cerebral Evoked Potentials, Kyoto
- Aug. 27 Chairman and Organizer of Symposium on "Therapeutic measures of light to severe brain ischemia-from the standpoint of cellular function metabolism, molecular mechanisms, Niigata
- Sept. 23 Symposist at 3rd International Symposium on Hypoxia, Berlin
- Oct. 11 Invited Lecture at UCSD
- Oct. 12 Invited Lecture at UCSD
- Oct. 17 Pannel Discussant at ASA Annual Meeting, San Francisco
- Nov. 12 Special Lecture at 10th Ann Meeting of Jpn Soc Elect Stim Therapy, Tokyo
- 1995
- Apr. 19 Chairperson of Educational Lecture at 42nd Ann Meeting of JSA, Hamamatsu
- May 8 34th Ann Meeting of Jpn Soc Medical Electronics Symposist (Spinal Cord Stimulation), Tokyo
- May 19 Chairman of 2nd Mayo Neuroscience Meeting, Nagoya
- May 25 Lecture at New York Medical College, New York
- May 26-27 Invited Lecture at 6th International Symposium on Spinal Cord Monitoring, New York
- June 15 Special Lecture at 5th Ann Meeting of Kurume Cerebral Blood Flow and Metabolism, Kurume
- July 9-14 Free paper presentation at 4th International Symposium on Neuroscience (IBRO), Kyoto
- July 27-29 Chairperson of Special Lecture, 29th Annual Meeting of Japan Soc Pain Clinicians, Sapporo

Sept. 4	Invited Lecture at Middlesex Hospital, London
Sept. 6	Invited Lecture at Guy's Hospital, London
Sept. 7	Invited Lecture at national Hospital for Nervous Disease, London
Sept. 8	Invited Lecture at Cambridge University, Cambridge
Sept. 11	Invited Lecture at Edinburgh Royal Infirmary, Edinburgh
Sept. 13	Lecture at the University of Birmingham, Birmingham
Oct.	Symposist at 10th International Congress of EMG and Clinical Neurophysiology, Kyoto
Oct.	Panel Discussant at ASA Ann Meeting, Atlanta
Oct. 28 Fukushima	Chairman at 15th Ann Meeting of Jpn Soc of Clinical Anesthesia,
Nov. 16 Metabolism,	Chairman at 7th Ann Meeting of Jpn Cerebral Blood Flow and Tokyo
Nov. 25 Tokyo	Chairperson at 8th Ann Meeting of Jpn Soc of Regional Anesthesia,
Dec. 9	Chairman at 11th Ann Meeting of Jpn Soc Elect Stim Therapy, Tokyo
<u>1996</u>	
Jan. 18	Chairperson at 23rd Ann Meeting of Jpn Soc of Intensive Care Medicine, Yokohama
Feb. 17-18	Organizer, 18th Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
Mar. 28	Chairman at 43rd Ann Meeting of JSA, Okayama
May 29	Invited Lecture at Kyoto University
June 13 Tokyo	Chairman at 18th Ann Meeting of Jpn Soc of Pharmaco-Anesthesia,
July 18	Special Lecture at 30th Ann Meeting of Jpn Soc Pain Clinicians, Tokyo
Oct. 7	Chairman at 24th Ann Meeting of Jpn Soc Emerg Med, Yokohama
Oct. 14	Special Lecture at the Critical Care Course, sponsored by Jpn Ministry of

Public Welfare, Nagano

- Oct. 30-
Nov. 1 President of 26th Ann Meeting of Jpn Soc of EEG and EMG, Niigata
- Nov. 6 Chairman at 16th Ann Meeting of Jpn Soc Clin Anes, Tokyo
- Nov. 15 Chairman at 12th Ann Meeting of Electrotherapy, Tokyo
- Nov. 21 Chairman at 8th Ann Meeting of Jpn Soc of CBF and Brain Metab, Osaka
- Nov. 23
Naha Special Lecture at 45th Ann Meeting of Kyushu Soc Anesthesiology,
- Dec. 7 Chairman at 18th Ann Meeting of Jpn Soc Pain, Tokyo

1997

- Feb. 15-16 Chairman at 19th Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
- Apr. 23-25 President, 44th Ann Meeting of JSA, Niigata
- July 4-5 Educational Lecture at 19th Jpn Soc Respiratory Care Med
- July 12 Chairperson of 31st Ann Meeting of Jpn Soc Pain Clinicians, Tokyo
- Aug. 26 Lecture at 14th International Congress of EEG and Clinical
Neurophysiology,
Florence: Italy
- Sept. 2
Germany Special Lecture at Institute of Physiology, University of Humbrugg,
- Sept. 16 Special Lecture at Med, Physics Dept & Anaesth Dept, Queen's Medical
Centre, Nottingham: UK
- Nov. 13 Chairman at 9th Ann Meeting of Jpn Soc of CBF and Brain Metab, Tokyo
- Nov. 14 Chairman at 17th Ann Meeting of Jpn Soc Clin Anes, Kitakyushu
- Dec. 6 Chairman at Ann Meeting of Jpn Soc Pain, Nagasaki
- 1998
- Feb. 14 Chairman at 20th Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
- Feb. 26 Chairperson at 1st Congress of Asian and Oceanic Soc for Intra Venous
Anesth, Kyoto

Mar. 9	Lecture at Chang Gang Memorial Hospital, Taiwan
Mar. 18-20	Chairperson (Panel Discussion) at 7th International Symposium on Spinal Cord Monitoring, Osaka
Mar. 21-25	Vice President, 6th International Evoked Potentials Symposium, Okazaki
Apr. 16-18 Kagoshima	Chairperson of Educational Lecture at 45th Ann Meeting of JSA,
May 12	Invited Lecture at 10th Asian Australasian Congress, Taipei: Taiwan
May 12	Symposist at 10th Asian Australasian Congress, Taipei: Taiwan
June 2	Chairman at 1st Jpn Soc for Emergency Med, Kurashiki
June 12	Chairperson at 2nd Congress of the Jpn Soc for Medical Gases, Tokyo
Sept. 11 Kofu	Chairperson at 38th Ann Meeting of JSA, KANTO-KOSHINETSU Area,
Oct. 7-10	Symposist at 6th All-Russian Congress of Anaesthesiologists and Reanimatologists, Moscow: Russia
Oct. 27	Chairman at 5th America-Japan Anesthesia Congress, Ehime
Nov. 11	Chairperson at 28th Ann Meeting of Jpn Soc of EEG and EMG, Kobe
Nov. 17 Osaka	Chairman at 10th Ann Meeting of Jpn Soc of CBF and Brain Metab,
Nov. 28	Chairman at 14th Ann Meeting of Electrotherapy, Tokyo
<u>1999</u>	
Feb. 13	Chairman at 21st Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
Mar. 5 Chiba	Chairman at 26th Ann Meeting of Jpn Soc of Intensive Care Medicine,
May 26	Chairperson at 46th Ann Meeting of JSA, Sapporo
July 17	Chairperson of 33rd Ann Meeting of Jpn Soc Pain Clinicians, Takasaki
Sept. 3	Chairperson at 3rd Congress of the Jpn Soc for Medical Gases, Sapporo
Oct. 4 Akita	Chairman at 11th Ann Meeting of Jpn Soc of CBF and Brain Metab,

- Oct. 21 Special Lecture at 18th Ann Meeting of Jpn Reanimatorolgy, Okinawa
- Nov. 5 Chairman at 19th Ann Meeting of Jpn Soc Clin Anes, Tokyo
- Nov. 10 Educational Lecture at 29th Ann Meeting of Jpn Soc of EEG and EMG, Tokyo
- Nov. 27 Chairman at 15th Ann Meeting of Electrotherapy, Tokyo
- Dec. 11 Chairman at 21st Ann Meeting of Jpn Soc Pain, Tokyo

2000

- Jan. 22 Chairman at 14th Ann Meeting of Niigata Soc of Shock & MOF, Niigata
- Feb. 12 Chairman at 22nd Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
- Apr. 6 Chairman at 47th Ann Meeting of JSA, Tokyo
- Nov. 17 Chairman at Human Cell Society XIIIth Fall International Symposium Pathogenesis and Therapy of Brain Diseases - New Turn with Gene Transduction -, Niigata
- Nov. 25 Chairman at 16th Ann Meeting of Electrotherapy, Tokyo
- Dec. 2 Chairman at 22nd Ann Meeting of Jpn Soc Pain, Kyoto

2001

- Jan. 20 Chairman at 15th Ann Meeting of Niigata Soc of Shock & MOF, Niigata
- Feb. 10 Chairman at 23rd Ann Meeting of Spinal Cord Electrodiagnosis, Tokyo
- Apr. 27 Chairman at 48th Ann Meeting of JSA, Kobe
- Aug. 7 Secial Lecture at Ansted U Convocation, Penang
- Sept. 13 Lecture at St. Thomas Hosp, London
- Oct. 12 Lecture at Neuroinflammation Research Group, U of London
- Nov. 7 Chairman of Symposium, 31 Annual Meeting of Japan Soc Clin Neurophysiol, Tokyo

2002

- Mar. 23 Special Lecture at Yamaguchi U Sch Med
- Mar. 24 Special Lecture at Kurume U Sch Med
- July 6 Special Lecture at 8th Annual Congr of Brain Metabolism Monitor, Tokyo

2003

Feb. 1 Lecture at Sakishima Meeting of Care at Home
 Feb.8 Special Lecture at 25th Annual Meeting of Jpn Soc of Spinal Functional
 Diagnosis
2004
 May,17 Special Lecture at Saitama Medical College
 June, 11 Special Lecture at Tokyo Anesthesiologist Group
 July 28 Special Lecture at Ube Joint Meeting of Universities, Ube City and Industries
 Staffs
2005
 Feb.22-25 Special Lecture at Ube Frontier U Graduate School of Human Sciences

XI Social Activities

1997-present Board Member, Japan Society of Bone Marrow Transplantation Bank
 2001-present Member of Founders, Ansted University Medical School
 June, 2003 Establishment of Health Care Support Center, NPO
 October,2003-present Director, Pain Control Institute, Ltd.
 April,2004-present Director, Shinjuku Wellness Clinic, Aitokukai Med, Corp.
 Janu, 2004-present Director of Standard Medical Information Center. NPO

XII Papers in English (英文論文)

1. Shimoji K, Takeshita H: A clinical study on the effect of metubine iodide. Kitano Hospital Bull 7:166-173, 1962 [O]
2. Shimoji K: Electromyographic study on the activities of respiratory muscles against airway resistance in anesthetized man. Far East J Anesth 5:1-15, 1965 [O]
3. Shimoji K: Electromyographic study on respiratory muscles in anesthetized man. Far East J Anesth 5:158-170, 1966 [O]
4. Shimoji K, Asari H, Nioh K, Kawamoto T, Takeshita H, Morioka T, Inamoto A: The differential effect of anesthetics on muscle relaxation. Jpn J Pharmacol 18:490-499, 1968 [O]

5. Shimoji K, Higashi H, Kano T: Epidural recording of spinal electrogram in man. *Electroenceph clin Neurophysiol* 30:236-239, 1971 [O]
6. Shimoji K, Higashi H, Terasaki H, Morioka T: Clinical electroanesthesia with several methods of current application. *Anesth Analg* 50:409-416, 1971 [O]
7. Shimoji K, Higashi H, Terasaki H, Kano T, Morioka T: Physiologic changes associated with clinical electroanesthesia. *Anesth Analg* 50:490-497, 1971 [O]
8. Shimoji K, Bickford RG, Chir B: Differential effects of anesthetics on mesencephalic reticular neurons: I. Spontaneous firing patterns. *Anesthesiology* 35:68-75, 1971 [O]
9. Shimoji K, Bickford RG, Chir B: Differential effects of anesthetics on mesencephalic reticular neurons: II. Responses to repetitive somatosensory electrical stimulation. *Anesthesiology* 35:76-80, 1971 [O]
10. Shimoji K, Higashi H, Terasaki H, Kano T, Nishiyama T, Morioka T: Physiological changes associated with clinical electroanaesthesia, In: *Advances in Anesthesiology and Resuscitation*, Hoder J, Jedlicka R, Pokorney J (eds), 1972, pp538-541 [M]
11. Shimoji K, Kano T, Higashi H, Morioka T, Henschel EO: Evoked spinal electrograms recorded from epidural space in man. *J Appl Physiol* 33:468-471, 1972 [O]
12. Higashi H, Kano T, Shimoji K, Morioka T, Sances A Jr: Effects of acute hypocapnia and hypercapnia on neuromuscular transmission and on monosynaptic spinal reflex in wakeful man. *Br J Anaesth* 44:1128-1132, 1972 [O]
13. Higashi H, Yonemura K, Shimoji K: Antagonism of neuromuscular blocks by germine monoacetate. *Anesthesiology* 38:145-152, 1973 [O]
14. Shimoji K, Kano T, Morioka T, Ikezono E: Evoked spinal electrogram in a quadriplegic patient. *Electroenceph Clin Neurophysiol* 35:659-662, 1973 [O]
15. Shimoji K, Kitamura H, Ikezono E, Shimizu H, Okamoto K, Iwakura Y: Spinal hypalgesia and analgesia by low-frequency electrical stimulation in the epidural space. *Anesthesiology* 41:91-94, 1974 [O]
16. Shimoji K, Kano T, Nakashima H, Shimizu H: The effects of thiamylal sodium on electrical activities of the central and peripheral nervous systems in man. *Anesthesiology* 40:234-240, 1974 [O]
17. Kano T, Shimoji K: The effects of ketamine and neuroleptanalgesia on the evoked electrospinogram and electromyogram in man. *Anesthesiology* 40: 241-246, 1974 [O]

18. Shimoji K, Ito Y, Ohama K, Sawa T, Ikezono E: Presynaptic inhibition in man during anesthesia and sleep. *Anesthesiology* 43:388-391, 1975 [O]
19. Shimoji K, Kano T: Evoked electrospinogram: Interpretation of origin and effects of anesthetics, In: *International Anesthesiology Clinics, Neurophysiological Basis of Anesthesia*, Mori K (ed), Little Brown, Boston, 1975, pp171-189 [M]
20. Shimoji K, Higashi H, Kano T, Morioka T: Clinical studies on electroanesthesia in Japan, In: *Electroanesthesia: Biomedical & Biophysical Studies*, Sances A, Larson SJ (eds), Academic Press, New York, 1975, pp272-293 [M]
21. Shimoji K, Matsuki M, Ito Y, Masuko K, Maruyama M, Iwane T, Aida S: Interactions of human cord dorsum potential. *J Appl Physiol* 40:79-84, 1976 [O]
22. Iwane T, Maruyama M, Matsuki M, Ito Y, Shimoji K: Management of intractable pain in adiposis dolorosa with intravenous administration of lidocaine. *Anesth Analg* 55:257-259, 1976 [C]
23. Maruyama M, Horikawa H, Iwane T, Naito E, Mori H, Takahashi F, Shimoji K: The profound hemodilution and body functions. *International Congress Series* No.387:186, 1976 [A]
24. Matsukado Y, Yoshida M, Goya T, Shimoji K: Classification of cervical spondylosis or disc protrusion by preoperative evoked spinal electrogram. *J Neurosurg* 44:435-441, 1976 [O]
25. Ikezono E, Ohama K, Nagayama K, Sawa T, Yoshida T, Yokoyama K, Shimoji K: The effects of acupuncture needling on the evoked responses of brain, spinal cord and muscle in man. *Am J Chinese Med* 4:53-59, 1976 [O]
26. Shimoji K, Matsuki M, Shimizu H: Wave-form characteristics and spatial distribution of evoked spinal electrogram in man. *J Neurosurg* 46:304-313, 1977 [O]
27. Shimoji K, Matsuki M, Shimizu H, Maruyama Y, Aida S: Dishabituation of mesencephalic reticular neurons by anesthetics. *Anesthesiology* 47:349-352, 1977 [O]
28. Naito E, Matsuki M, Shimoji K: A simple method for gas chromatographic determination of lidocaine in tissues. *Anesthesiology* 47:466-467, 1977 [O]
29. Shimoji K, Matsuki M, Shimizu H, Iwane T, Takahashi R, Maruyama M, Masuko K: Low-frequency, weak extradural stimulation in the management of intractable pain. *Br J Anaesth* 49:1081-1086, 1977 [O]
30. Yonemura K, Juang MS, Tanaka I, Morioka T, Shimoji K: Transmission

blockade produced by fentanyl in the sympathetic ganglia of guinea-pigs. *Kumamoto Med J* 30:87-94, 1977 [O]

31. Maruyama M, Hashiba M, Shimoji K: Effect of cardiac output on the time course of in vivo CO₂ titration curve. *Proc Internat Union Physiol Sci* 13:483, 1977 [A]

32. Hashiba M, Maruyama M, Shimoji K: Hemodynamics and cerebral metabolism under the profound hemodilution. *Proc Internat Union Physiol Sci* 13:310, 1977 [A]

33. Shimoji K, Shimizu H, Maruyama Y: Origin of somatosensory evoked responses recorded from the cervical skin surface. *J Neurosurg* 48:980-984, 1978 [O]

34. Shimoji K, Shimizu H, Maruyama Y: Origin of human cord dorsum potentials elicited segmentally and suprasegmentally. *IBRO NEWS* 6:9, 1978 [A]

35. Fujita T, Matsunari Y, Muraki S, Sato K, Shimoji K: Effect of intraluminally administered lidocaine upon the pancreozymin-producing endocrine cells of the canine duodenum, In: *Integrative Control Functions of the Brain, Vol.1*, Ito M (ed), Kodansha Scientific, Tokyo, 1978, pp296-297 [M]

36. Shimizu H, Shimoji K, Maruyama Y, Sato Y, Kuribayashi H: Interaction between human evoked electrospinograms elicited by segmental and descending volleys. *Experientia* 35:1199-1200, 1979 [O]

37. Matsuki M, Hashiba M, Shimoji K: Cerebral blood flow and metabolism during lidocaine seizures. *Neurosci Lett Suppl* 2:S45, 1979 [A]

38. Shimoji K: On the peripheral pathways and origins of the segmentally evoked spinal cord potentials, In: *Spinal Cord Monitoring Workshop Data Acquisition and Analysis*, Nash CL, R. H. Brown RH (eds), Case Western Reserve Univ, Cleveland, 1979, pp65-72 [M]

39. Shimoji K: Interpretation of origin of the spinal cord potential evoked by ascending and descending volleys, In: *Spinal Cord Monitoring Workshop Data Acquisition and Analysis*, Nash CL, R. H. Brown RH (eds), Case Western Reserve Univ, Cleveland, 1979, pp73-81 [M]

40. Masuko K, Takahashi R, Takahata Y, Mori H, Shimoji K: Cerebrovascular irrigation with normal saline during complete cerebral ischemia in the dog, In: *Cerebral Blood Flow and Metabolism*, Gotoh F, Nagai H, Tazaki Y (eds), Munksgaard, Copenhagen, 1979, pp350-351 [M]

41. Matsuki M, Hashiba M, Shimoji K: The effect of halothane and hypercapnia

upon the cerebral blood flow and metabolism during lidocaine seizures, In: Cerebral Blood Flow and Metabolism, Gotoh F, Nagai H, Tazaki Y (eds), Munksgaard, Copenhagen, 1979, pp552-553 [M]

42. Shimizu H, Shimoji K, Maruyama Y, Sato Y, Harayama H, Tsubaki T: Slow cord dorsum potentials elicited by descending volleys in man. J Neurol Neurosurg Psychiatr 42:242-246, 1979 [O]

43. Shimoji K, Maruyama Y, Higuchi A: Effect of hemodilution on autoregulation in cerebral blood flow, In: Cerebral Blood Flow and Metabolism, Gotoh F, Nagai H, Tazaki Y (eds), Munksgaard, Copenhagen, 1979, pp620-621 [M]

44. Maruyama Y, Shimizu H, Shimoji K: Effects of thiamylal sodium on the electrospinogram evoked by descending volleys in man. Neurosci Lett Suppl 4:S28, 1980 [A]

45. Fujita T, Muraki S, Sato K, Noguchi R, Shimoji K: Effects of atropine and tetrodotoxin upon pancreozymin release from canine duodenum in response to luminal stimuli. Biomed Res 1:59-65, 1980 [O]

46. Maruyama Y, Shimoji K, Shimizu H, Sato Y, Kuribayashi H, Kaieda R: Effects of morphine on human spinal cord and peripheral nervous activities. Pain 8:63-73, 1980 [O]

47. Kaieda R, T. Maekawa, Takeshita H, Maruyama Y, Shimizu H, Shimoji K: Effects of diazepam on evoked electrospinogram and evoked electromyogram in man. Anesth Analg 60:197-200, 1981 [O]

48. Shimoji K, Matsuki M, Shimizu H, Maruyama Y: Influence of epidural dorsal cord stimulation on spinal evoked potential, In: Indications for Spinal Cord Stimulation (Proceedings of a Symposium), Hosobuchi Y, Corbin T (eds), Excerpta Medica, Amsterdam, 1981, pp85-96 [B]

49. Shimoji K, Shimizu H, Matsuki M, Kuribayashi H, Fujioka H: Descending inhibition in human spinal cord "Advances in Endogenous and Exogenous Opioids Proceedings of the International Narcotic Research Conference", Kodansha, Tokyo, 1981, pp321-323 [M]

50. Matsuki M, Hashiba M, Shimoji K: Factors which produce uncoupling of lidocaine-induced seizures and cortical blood flow. Electroenceph clin Neurophysiol 52:S30, 1981 [A]

51. Shimizu H, Maruyama Y, Endoh H, Urano S, Shimoji K: Peripheral origins of human evoked spinal cord potentials. Electroenceph clin Neurophysiol 52:S49, 1981 [A]

52. Shimizu H, Maruyama Y, Endoh H, Urano S, Shimoji K: Human spinal cord

potentials evoked by descending volleys along the spinal cord. *Electroenceph clin Neurophysiol* 52:S50, 1981 [A]

53. Maruyama Y, Shimizu H, Kaieda R, Kuribayashi H, Shimoji K: Human spinal cord potentials affected by thiamylal, diazepam and morphine. *Electroenceph clin Neurophysiol* 52:S50, 1981 [A]

54. Shimoji K, Matsuki M, Shimizu H, Maruyama Y: Three basic patterns of human spinal cord potential and conduction velocities along the cord. *Electroenceph clin Neurophysiol* 52:S110, 1981 [A]

55. Shimoji K, Shimizu H, Maruyama Y, Matsuki M, Kuribayashi H, Fujioka H: Dorsal column stimulation in man: Facilitation of primary afferent depolarization. *Anesth Analg* 61:410-413, 1982 [O]

56. Maruyama Y, Shimoji K, Shimizu H, Kuribayashi H, Fujioka H: Human spinal cord potentials evoked by different sources of stimulation and conduction velocities along the cord. *J Neurophysiol* 48:1098-1107, 1982 [O]

57. Shimizu H, Shimoji K, Maruyama Y, Matsuki M, Kuribayashi H, Fujioka H: Human spinal cord potentials produced in lumbosacral enlargement by descending volleys. *J Neurophysiol* 48:1108-1120, 1982 [O]

58. Naito E, Shimoji K, Endoh H, Ichikawa T, Hashiba M: Production of cyclic nucleotides from normal human brain. *Stroke* 14:380-382, 1983 [O]

59. Maruyama M, Horikawa H, Ichikawa T, Naito E, Iwane T, Shimoji K: The effects of profound hemodilution with crystalloid solution on hemodynamics and body metabolism. *Acta Med Biol (Niigata)* 31:87-100, 1983 [O]

60. Shimoji K, Shimizu H, Maruyama Y, Fujioka H: Human spinal cord potentials produced by segmental, ascending and descending volleys, In: *Fundamentals and Clinical Application of Spinal Cord Monitoring*, Homma S, T. Tamaki T (eds), Saikon Publishing Co. Ltd., Tokyo, 1984, pp45-59 [B]

61. Maruyama Y, Shimizu H, Fujioka H, Shimoji K, Takahashi H, Honma T, Yasukawa K, Nakamura T: Spinal cord function monitoring by spinal cord potentials during spine and spinal surgery, In: *Fundamentals and Clinical Application of Spinal Cord Monitoring*, Homma S, Tamaki T (eds), Saikon Publishing Co. Ltd., Tokyo, 1984, pp191-201 [B]

62. Shimizu H, Shimoji K, Maruyama Y, Fujioka H, Kuribayashi H, Harayama H, Tsubaki T: Spinal cord potentials in neurological diseases, In: *Fundamentals and Clinical Application of Spinal Cord Monitoring*, Homma S, T. Tamaki T (eds), Saikon Publishing Co. Ltd., Tokyo, 1984, pp237-244 [B]

63. Shimoji K, Fujioka H, Ebata T: Anesthetics block excitation with various

effects on inhibition in MRF neurons. *Brain Res* 295:190-193, 1984 [O]

64. Naito E, Endoh H, Fujita S, Shimoji K: The effects of hypoxia on β -endorphin and dynorphin contents in the rat brain. *Neurosci Lett Suppl* 17:S108, 1984 [A]

65. Shimoji K, Fujioka H, Maruyama Y, Fukazawa T, Sato Y: Differential effects of inhalational and barbiturate anesthetics on mesencephalic reticular neurons. *Neurosci Lett Suppl* 17:S144, 1984 [A]

66. Shimoji K, Fujioka H, Fukazawa T, Hashiba M, Maruyama Y: Anesthetics and excitatory/inhibitory responses of midbrain reticular neurons. *Anesthesiology* 61:151-155, 1984 [O]

67. Shimoji K, Maruyama Y, Shimizu H, Fujioka H, Urano S: The effects of anesthetics on somatosensory evoked potentials from the brain and spinal cord in man, In: *Anesthesia - Safety For All*, Gomez QJ, Egay LM, de la Cruz-Odi MF), Elsevier Science Publishers B.V., Amsterdam, 1984, pp159-164 [M]

68. Shimoji K, Maruyama Y, Sato K, Taga K: The heterosegmentally evoked slow positive cord dorsum potential in the remote segment in the rat. *Neurosci Res Suppl* 1:S142, 1985 [A]

69. Yoshimura M, Higashi H, Shimoji K, Fujita S: The effect of volatile anaesthetics on rat hippocampal CA1 neurons in vitro *Neurosci Res Suppl* 1:S149, 1985 [A]

70. Naito E, Noguchi R, Endoh H, Sato K, Hashiba M, Shimoji K: Production of cyclic nucleotides from human brain affected by nitrous oxide-halothane anesthesia. *Acta Med Biol* 32:165-172, 1985 [O]

71. Naito E, Noguchi R, Endoh H, Sato K, Hashiba M, Shimoji K: Plasma catecholamines before during and after neuroleptanesthesia or nitrous oxide-halothane anesthesia. *Acta Med Biol* 33:1-10, 1985 [O]

72. Shimoji K: Clinical application of spinal cord evoked potentials recorded from the epidural space in man. *Asian Med J* 28:349-362, 1985 [R]

73. Yoshimura M, Higashi H, Fujita S, Shimoji K: Selective depression of hippocampal inhibitory postsynaptic potentials and spontaneous firing by volatile anesthetics. *Brain Res* 340:363-368, 1985 [O]

74. Maruyama M, Shimoji K, Ichikawa T, Hashiba M, Naito E: The effects of extreme hemodilutions on the autoregulation of cerebral blood flow, electroencephalogram and cerebral metabolic rate of oxygen in the dog. *Stroke* 16:675-679, 1985 [O]

75. Shimoji K, Maruyama Y, Shimizu H, Fujioka H, Taga K: Spinal cord

monitoring - A review of current techniques and knowledge, In: Spinal Cord Monitoring, Schramm J, Jones SJ (eds), Springer-Verlag, Berlin, 1985, pp16-28 [B]

76. Endoh H, Sato Y, Shimoji K: The therapeutic effect of mercurochrome® on hypoxic survival time in mouse. *Neurosci Res Suppl* 3:S23, 1986 [A]

77. Higashi H, Yoshimura M, Fujiwara N, Shimoji K: Hypoxia-induced responses of the rat hippocampal CA1 neurons in vitro. *Neurosci Res Suppl* 3:S54, 1986 [A]

78. Kuribayashi H, Endoh H, Sato K, Sato Y, Higashi H, Shimoji K: Naloxone attenuates hypoxic depression of ganglionic transmission. *Anesth Analg* 65:489-492, 1986 [O]

79. Takahata Y, Shimoji K: Brain injury improves survival of mice following brain ischemia. *Brain Res* 381:368-371, 1986 [O]

80. Shimoji K, Takahata Y, Fujiwara N, Endoh H, Taga K, Ohama E: Effects of pentobarbital and ketamine on brain injury-induced anti-ischemic activity. *Brain Res* 408:385-388, 1987 [O]

81. Fujiwara N, Higashi H, Shimoji K, Yoshimura M: Effects of hypoxia on rat hippocampal neurones in vitro. *J Physiol* 384:131-151, 1987 [O]

82. Noguchi R, Hamada C, Shimoji K: PAG stimulation does not affect primary antibody responses in rats. *Pain* 29:387-392, 1987 [O]

83. Shimoji K, Sato Y, Endoh H, Taga K, Fujiwara N, Fukuda S: Relation between spinal cord and epidural blood flow. *Stroke* 18:1128-1132, 1987 [O]

84. Shimoji K, Takahata Y, Fujiwara N, Taga K, Endoh H, Ohama E: Effects of anesthetics on brain-injury-induced anti-ischemic activity. The second world congress of neuroscience (IBRO) S743, 1987 [A]

85. Fujiwara N, Sato Y, Shimoji K, Sugita S, Yoshimura M, Higashi H: Effects of hypoxia and glucose defect on the activities of hippocampal CA1 neurons in rat brain slices. *Neurosci Res Suppl* 5:S81, 1987 [A]

86. Taga K, Takahata Y, Sato Y, Shimoji K: Brain injury improves the survival of mice following brain ischemia and the effects of anesthetics. *Neurosci Res Suppl* 5:S55, 1987 [A]

87. Kumagai Y, Matsuki M, Sato Y, Shimoji K: Brain injury improves the survival of mice against lidocaine seizure. *Neurosci Res Suppl* 5:S55, 1987 [A]

88. Hokari T, Fujioka H, Takada T, Shimoji K: Spinal cord potential evoked by trigeminal nerve stimulations. *Pain Suppl* 4:S180, 1987 [A]

89. Shimoji K, Fujioka H, Hokari T, Takada T: The heterosegmentally activated slow positive cord dorsum potential. *Pain Suppl* 4:S194, 1987 [A]
90. Warashina A, Fujiwara N, Hirano T, Shimoji K: Characteristics of bradykinin-evoked secretory response in the perfused rat adrenal medulla. *Biomed Res* 9:139-145, 1988 [O]
91. Ishijima B, Shimoji K, Shimizu H, Takahashi H, Suzuki I: Lesions of spinal and trigeminal dorsal root entry zone for deafferentation pain Experience of 35 cases. *Appl Neurophysiol* 50:175-187, 1988 [C]
92. Fujiwara N, Higashi H, Nishi S, Shimoji K, Sugita S, Yoshimura M: Changes in spontaneous firing patterns of rat hippocampal neurones induced by volatile anaesthetics. *J Physiology* 402:155-175, 1988 [O]
93. Higashi H, Sugita S, Nishi S, Shimoji K: The effect of hypoxia on hippocampal neurones and its prevention by Ca^{2+} -antagonists, In: *Mechanisms of Cerebral Hypoxia and Stroke*, Somjen G (ed) Plenum Publishing Corporation, 1988, pp205-218 [M]
94. Fujiwara N, Warashina A, Hirono T, Shimoji K: The ratio of norepinephrine to epinephrine released from the rat adrenal gland. *Neurosci Res Suppl* 7:S181, 1988 [A]
95. Shimoji K: Human spinal cord potentials (SCPs): Ascending recording variations – an update, In: *Neurophysiology and Standards of Spinal Cord Monitoring*, Ducker TB, Brown RH (eds), Springer-Verlag, New York, 1988, pp19-28 [B]
96. Shimoji K, Fujioka H, Maruyama Y, Shimizu H, Hokari T, Takada T: Spinal cord potentials (SCPs) produced by descending volleys in the rat, In: *Neurophysiology and Standards of Spinal Cord Monitoring*, Ducker TB, Brown RH (eds), Springer-Verlag, New York, 1988, pp73-81 [B]
97. Shimoji K, Fujioka H, Maruyama Y, Shimizu H, Hokari T, Takada T: Spinal cord potentials (SCPs) produced by descending volleys in man, In: *Neurophysiology and Standards of Spinal Cord Monitoring*, Ducker TB, Brown RH (eds), Springer-Verlag, New York, 1988, pp114-121 [B]
98. Maruyama Y, Shimoji K, Fujioka H, Takada T, Endoh H: Brain and spinal cord monitoring by multispatial and multimodal evoked potential during aortic surgery, In: *Neurophysiology and Standards of Spinal Cord Monitoring*, Ducker TB, Brown RH (eds), Springer-Verlag, New York, 1988, pp177-187 [B]
99. Shimoji K, Matsuki M, Shimizu H, Maruyama Y: The effects of epidural lidocaine on spinal cord and peripheral nervous activities in man, In: *New Aspects in Regional Anaesthesia* 5, (Ed. by Wüst HJ, Stanton-Hicks M d'Arcy (eds), Verlag für

Medizin Dr Ewald Fischer, Heidelberg, 1988, pp138-148 [B]

100. Shimoji K, Kuribayashi H, Higashi H, Nishi S: Action of lidocaine on sympathetic ganglion cells, In: *New Aspects in Regional Anaesthesia 5*, (Ed. Wüst HJ, Stanton-Hicks M d'Arcy (eds), Verlag fur Medizin Dr Ewald Fischer, Heidelberg, 1988, pp149-158 [B]

101. Shimoji K, Sato Y, Denda S, Takada T, Fukuda S, Hokari T: Origins and characteristics of slow positive cord dorsum potentials activated by heterosegmental stimuli. *Neurosci Res Suppl* 9:S165, 1989 [A]

102. Warashina A, Fujiwara N, Shimoji K: Characteristics of nicotinic and muscarinic secretory responses in the rat adrenal. *Biomed Res* 10:157-164, 1989 [O]

103. Ruprecht J, Shimoji K, Fukuda S, Erdmann W, Denda S: Tolerance to N₂O-induced alterations in somatosensory evoked potentials. *J Neurosurg Anesth* 1:91-95, 1989 [O]

104. Fukuda S, Taga K, Tsukui A, Nishimura N, Kumagai Y, Shimoji K: Prostaglandin E1 modifies porcine cerebral arterial tone through cyclooxygenase related eicosanoid(s) release. *Brain Res* 496:397-400, 1989 [O]

105. Shimoji K, Higashi H, Fujiwara N, Fukuda S, Yoshimura M: Hypoxia in brain slices. *Biomed Biochim Acta* 48:S149-S154, 1989 [M]

106. Fujiwara N, Shimoji K, Yuasa T, Igarashi H, Miyataka T: NMR study on [1-¹³C] glucose metabolism in the rat brain during hypoxia. *NMR Biomed* 2:104-111, 1989 [O]

107. Fujiwara N, Warashina A, Shimoji K: Characterization of catecholamine secretion from rat adrenal medulla by continuous monitoring. *Neurosci Res Suppl* 9:S145, 1989 [A]

108. Shimoji K, Sato Y, Denda S, Takada T, Fukuda S, Hokari T: Origins and characteristics of slow positive cord dorsum potentials activated by heterosegmental stimuli. *Neurosci Res Suppl* 9:S165, 1989 [A]

109. Fukuda S, Matsumoto M, Nishimura N, Fujiwara N, Shimoji K, Takeshita H, Lee TJ-F: Endothelial modulation of norepinephrine-induced constriction of rat aorta at normal. *Am J Physiol* 258:H1049-1054, 1990 [O]

110. Fukuda S, Otaguro S, Miyahara K, Shimoji K, Takeshita H: A case of trigeminal neuropathy. *J Anesth* 4:85-87, 1990 [C]

111. Aida S, Shimoji K: Effects of calcitonin on rheumatoid arthritis and the

relation with corticosteroids. *Pain Res* 5:85-91, 1990 [O]

112. Shimoji K, Fujiwara N, Fukuda S, Denda S, Takada T, Maruyama Y: Effects of isoflurane on spinal inhibitory potentials. *Anesthesiology* 72:851-857, 1990 [O]

113. Taga K, Fukuda S, Nishimura N, Tsukui A, Morioka M, Shimoji K: Effects of thiopental, pentobarbital, and ketamine on endothelin-induced constriction of porcine cerebral arteries. *Anesthesiology* 72:939-941, 1990 [O]

114. Fujiwara N, Warashina A, Shimoji K: Relationship between catecholamine secretion and cytosolic free calcium in rat adrenal medulla. *Neurosci Res Suppl* 11:S112, 1990 [A]

115. Warashina A, Fujiwara N, Shimoji K: Bradykinin-induced calcium mobilization and catecholamine secretion in rat adrenal medullary cells. *Biomed Res* 11:219-229, 1990 [O]

116. Shimoji K (Ed.): *Mechanisms of Ischemic Brain Damage*. Pharma Internat, Tokyo, 1990 [B]

117. Shimoji K, Kurokawa T, Tamaki T, Willis WD (eds): *Spinal Cord Monitoring and Electrodiagnosis*, Springer-Verlag, Heidelberg, 1991 [B]

118. Tohyama M, Denda S, Sato Y, Fujiwara N, Shimoji K: The effects of sevoflurane on heterosegmental slow positive cord potentials in the rat, In: *Spinal Cord Monitoring and Electrodiagnosis*, Shimoji K, Kurokawa T, Tamaki T, Willis WD Jr (eds), Springer-Verlag, Heidelberg, 1991, pp70-77 [B]

119. Takada T, Fujioka H, Fujihara H, Maruyama Y, Urushibara N, Shimoji K: The effect of hypothermia on SEPs recorded from the posterior pharynx and the scalp during cardiopulmonary bypass in man. In: *Spinal Cord Monitoring and Electrodiagnosis*, Shimoji K, Kurokawa T, Tamaki T, Willis WD Jr, Springer-Verlag, Heidelberg, 1991, pp412-419 [B]

120. Shimoji K, Fujioka H, Onodera M, Hokari T, Fukuda S, Fujiwara N, Hatori T: Observation of spinal canal and cisternae with the newly developed small-diameter, flexible fiberscopes. *Anesthesiology* 75:341-344, 1991 [O]

121. Shimoji K, Takahata Y, Fujiwara N, Taga K, Fukuda S: Protective effect of microinjury in brain ischemic damage "Advances in Brain Resuscitation, In: Takeshita H, Siesjö BK, Miller JD (eds), Springer-Verlag, Tokyo, 1991, pp115-121 [M]

122. Fukuda S, Taga K, Shimoji K: High sensitivity of porcine cerebral arteries to endothelin. *Experientia* 47:475-477, 1991 [O]

123. Abe T, Endoh H, Fujiwara N, Shimoji K: Simultaneous recording of $[Ca^{2+}]_i$

and population potential in the hippocampal slice during hypoxia. *Neurosci Res Suppl* 14:S19, 1991 [A]

124. Fujiwara N, Abe T, Endoh H, Shimoji K: Changes in intracellular pH of mouse hippocampal slices induced by high K^+ and glutamate. *Neurosci Res Suppl* 14:S48, 1991 [A]

125. Shimoji K, Sato Y, Denda S, Takada T, Fukuda S, Hokari T: Slow positive dorsal cord potentials activated by heterosegmental stimuli. *Electroenceph clin Neurophysiol* 85:72-80, 1992 [O]

126. Fujiwara N, Abe T, Endoh H, Warashina A, Shimoji K: Changes in intracellular pH of mouse hippocampal slices responding to hypoxia and/or glucose depletion. *Brain Res* 572:335-339, 1992 [O]

127. Sakuma K, Fukuda S, Fujiwara N, Tsukui A, Tanaka T, Shimoji K: Vasorelaxation by nitroglycerin of the isolated porcine coronary artery during hypoxia. *Jpn J Pharmacol* 58(Suppl II):319P, 1992 [A]

128. Fujihara H, Fukuda S, Taga K, Fujiwara N, Shimoji K: Arg-vasopressin increases nuclear $[Ca^{2+}]$ in single cultured vascular smooth muscle cells of rat aorta. *Jpn J Pharmacol* 58(Suppl II):355P, 1992 [A]

129. Fukuda S, Morioka M, Tanaka T, Shimoji K: Prostaglandin E1-induced vasorelaxation in porcine coronary arteries. *J Pharmacol Exp Ther* 260:1128-1132, 1992 [O]

130. Sugiyama K, Muteki T, Shimoji K: Halothane-induced hyperpolarization and depression of postsynaptic potentials of guinea pig thalamic neurons in vitro. *Brain Res* 576:97-103, 1992 [O]

131. Kumagai Y, Shimoji K, Honma T, Uchiyama S, Ishijima B, Hokari T, Fujioka H, Fukuda S, Ohama E: Problems related to dorsal root entry zone lesions. *Acta Neurochir* 115:71-78, 1992 [O]

132. Shimoji K, Fujiwara N, Denda S, Tomita M, Toyama M, Fukuda S: Effects of pentobarbital on heterosegmentally activated dorsal root depolarization in the rat. *Anesthesiology* 76:958-966, 1992 [O]

133. Fujiwara N, Shimoji K, Kumagai Y, Endoh H, Fukuda S: Effects of dorsal root entry zone lesions on CSF and plasma neuropeptides and catecholamines. *Acta Neurochir* 117:38-43, 1992 [O]

134. Matsuki M, Fujiwara N, Shimoji K: Changes in lidocaine and active metabolites concentrations in plasma during continuous epidural infusions for 5 days 10th World Congress of Anaesthesiologists (The Hague, The Netherlands 12-19 June,

1992) ABSTRACTS, P152, 1992 [O]

135. Fujiwara N, Honda T, Abe T, Shimoji K: Mechanical brain microinjury modifies intracellular Ca^{2+} response to hypoxia plus glucose depletion in mouse hippocampal slices. *Neurosci Res Suppl* 17:S188, 1992 [A]

136. Baba H, Shimoji K, Yoshimura M: Electrophysiological phenomena recorded from spinal cord slice preparation in the adult rat. *Neurosci Res Suppl* 17:S254, 1992 [A]

137. Fujiwara N, Shimoji K, Warashina A: Relationship between pHi and synaptic activities in rat hippocampal slices (The Proceedings of the 69th Annual Meeting) *JPHAM* 42(Suppl):S26, 1992 [A]

138. Shimoji K, Fujiwara N: Slow positive potential recorded from heterosegmental dorsal cord in man and rat (The Proceedings of the 69th Annual Meeting) *JPHAM* 42 (Suppl):S127, 1992 [A]

139. Fujioka H, Shimoji K, Tomita M, Denda S, Hokari T, Tohyama M: Effects of dorsal root entry zone lesion on spinal cord potentials evoked by segmental, ascending and descending volleys. *Acta Neurochir* 117:135-142, 1992 [O]

140. Shimoji K, Ishijima B, Honma T, Kumagai Y, Hokari T, Taga K, Fukuda S: Control of deafferentation pain by DREZ lesion, In: *The Pain Clinic IV: Proceedings of the fourth International Symposium: Kyoto, 18-21 Nov '90*, Hyodo M, Oyama T, Swerdlow M (eds) *VSP, Utrecht*, 1992, pp45-49 [R]

141. Ishijima B, Suzuki I, Shimizu H, Takahashi H, Shimoji K: DREZ lesions for deafferentation pain-Experience of 47 cases, In: *The Pain Clinic IV: Proceedings of the fourth International Symposium: Kyoto, 18-21 Nov '90*, Hyodo M, Oyama T, Swerdlow M (eds), *VSP, Utrecht*, 1992, pp269-273 [R]

142. Tsukui A, Fukuda S, Shimoji K: Heterogeneous responses of canine basilar and middle cerebral arteries to serotonin at normal and high CO_2 tension. *Experientia* 48:1118-1121, 1992 [O]

143. Shimoji K, Hokari T, Kano T, Tomita M, Kimura R, Watanabe S, Endoh H, Fukuda S, Fujiwara N: Survey on percutaneous epidural spinal cord stimulation for management of intractable pain, In: *1st International Congress of the International Neuromodulation Society*, Galley D, Illis LS, Krainick JU, Meglio M, Sier JS, Staal MJ (eds), *Monduzzi Editore, Italy*, 1992, pp221-224 [R]

144. Shimoji K, Hokari T, Kano T, Tomita M, Kimura R, Watanabe S, Endoh H, Fukuda S, Fujiwara N: Survey on percutaneous epidural spinal cord stimulation for management of intractable pain, In: *1st International Congress of the International Neuromodulation Society: Rome-Italy, May 3/6/1992*, Galley D, Illis LS, Krainick JU,

Meglio M, Sier JC, Staal MJ (eds), Monduzzi Editore S. p. A., Bologna, 1992, pp221-224 [R]

145. Fukuda S, Morioka M, Tanaka T, Taga K, Shimoji K: Endothelium dependence of effects of high Pco₂ on agonist-induced contractility of rat aorta. *Am J Physiol* 264:H512-H519, 1993 [O]

146. Tsukui A, Fukuda S, Honda T, Fujihara H, Sakuma K, Shimoji K: Modification by CO₂ of endothelin-1-induced contraction of isolated guinea pig trachea. *Can J Anaesth* 40:170-175, 1993 [O]

147. Yamakura T, Mori H, Masaki H, Shimoji K, Mishina M: Different sensitivities of NMDA receptor channel subtypes to non-competitive antagonists. *NeuroReport* 4:687-690, 1993 [O]

148. Shimoji K, Hokari T, Kano T, Tomita M, Kimura R, Watanabe S, Endoh H, Fukuda S, Fujiwara N, Aida S: Management of intractable pain with percutaneous epidural spinal cord stimulation: Differences in pain-relieving effects among diseases and sites of pain. *Anesth Analg* 77:110-116, 1993 [O]

149. Fujihara H, Fukuda S, Tanaka T, H. Kanazawa, Fujiwara N, Shimoji K: Arginine vasopressin increases perinuclear [Ca²⁺] in single cultured vascular smooth muscle cells of rat aorta. *J Vas Res* 30:231-238, 1993 [O]

150. Fujiwara N, Higashi H, Yamamoto S, Shimoji K: Effects of NH₄⁺ on the responses of intracellular free Ca²⁺ and neuronal activities to NMDA in rat hippocampal slices. *The Proceedings of the 70th Annual Meeting (Yamanashi) JJPHM* 43:Suppl 2:S179, 1993 [A]

151. Fujiwara N, Honda T, Shimoji K: Previous mechanical brain injury inhibits [Ca²⁺]_i increase induced by hypoxia and glucose depletion. *Neurosci Res Suppl* 18:S134, 1993 [A]

152. Ebine Y, Fujiwara N, Shimoji K: Acidosis protects hippocampal neurons against Ca²⁺-associated damage induced by in vitro ischemia. *Neurosci Res Suppl* 18:S140, 1993 [A]

153. Baba H, Shimoji K, Yoshimura M: Synaptic responses produced in adult rat substantia gelatinosa neurons in vitro. *Neurosci Res Suppl* 18:S204, 1993 [A]

154. Yamakura T, Mori H, Shimoji K, Mishina M: Phosphorylation of the carboxyl-terminal domain of the ξ 1 subunit is not responsible for potentiation by TPA of the NMDA receptor channel. *Biochem Biophys Res Commun* 196:1537-1544, 1993 [O]

155. Ogawa M, Iiai T, Hirahara H, Tomiyama K, Kawachi Y, Watanabe H, Shimoji

K, Abo T: Immunologic states induced by starvation: Suppression of intrathymic T-cell differentiation contrasting with the relative resistance of extrathymic T-cell differentiation. *Acta Medica Biol* 41:177-187, 1993 [O]

156. Shimoji K, Tomita M, Hokari T, Denda S, Tobita T, Baba H, Fukuda S: Human spinal cord potentials recorded from the epidural space, In: *Handbook of Spinal Cord Monitoring, proceedings of the Fifth International Symposium on Spinal Cord Monitoring*, London, UK, June 2-5, Jones SJ, Boyd S, Hetreed M, N. J. Smith NJ (eds) , Kluwer Academic Publishers, Dordrecht, 1994, pp21-36 [M]

157. Baba H, Sato Y, Shimoji K, Yoshimura M, Higashi H: Electrophysiological phenomena recorded from spinal cord slice preparation in the adult rat, In: *Handbook of Spinal Cord Monitoring, proceedings of the Fifth International Symposium on Spinal Cord Monitoring*, London, UK, June 2-5, Jones SJ, Boyd S, Hetreed M, Smith NJ) , Kluwer Academic Publishers, Dordrecht, 1994, pp393-397 [M]

158. Endoh H, Shimoji K: Changes in blood flow velocity in the middle cerebral artery during nonpulsatile hypothermic cardiopulmonary bypass. *Stroke* 25:403-407, 1994 [O]

159. Aida S, Tobita T, Shimoji K: Effects of continuous epidural block on motor nerve conduction velocity in patients with lower spine disorders. *J Anesth* 8:32-35, 1994 [O]

160. Ebine Y, Fujiwara N, Shimoji K: Mild acidosis inhibits the rise in intracellular Ca^{2+} concentration in response to oxygen-glucose deprivation in rat hippocampal slices. *Neurosci Lett* 168:155-158, 1994 [O]

161. Fujiwara N, Warashina A, Shimoji K: Characterization of low pH-induced catecholamine secretion in the rat adrenal medulla. *J Neurochem* 62:1809-1815, 1994 [O]

162. Fukuda S, Sakuma K, Tsukui A, Fujiwara N, Tanaka T, Fujihara H, Toriumi T, Shimoji K: Hypoxia modifies the vasodilatory effects of nitroglycerin, prostaglandin E1, and hydralazine on isolated porcine coronary arteries. *J Cardiovasc Pharmacol* 23:852-858, 1994 [O]

163. Aida S, Okawa-Takatsuji M, Aotsuka S, Shimoji K, Yokohara R: Calcitonin inhibits production of immunoglobulins, rheumatoid factor and interleukin-1 by mononuclear cells from patients with rheumatoid arthritis. *Ann Rheum Dis* 53:247-249, 1994 [O]

164. Shimoji K, Tomita M, Tobita T, Baba H, Takada T, Fukuda S, Aida S, Fujiwara N: Erb's point stimulation produces slow positive potentials in the human lumbar spinal cord. *J Clin Neurophysiol* 11:365-374, 1994 [O]

165. Baba H, Yoshimura M, Nishi S, Shimoji K: Synaptic responses of substantia gelatinosa neurones to dorsal column stimulation in rat spinal cord *in vitro*. *J Physiol* 478:87-99, 1994 [O]
166. Baba H, Yoshimura M, Shimoji K: Noradrenaline $\alpha 1$ receptors facilitate inhibitory transmitter release in substantia gelatinosa of the spinal cord. *Neurosci Res Suppl* 19:S58, 1994 [A]
167. Fujiwara N, Shimoji K: The effect of ammonia on changes in intracellular Ca^{2+} concentration of rat hippocampal slices exposed to ischemia *in vitro*. *Neurosci Res Suppl* 19:S151, 1994 [A]
168. Fujioka H, Shimoji K, Tomita M, Denda S, Takada T, Homma T, Uchiyama S, Takahashi H, Tobita T, Baba H: Spinal cord potential recordings from the extradural space during scoliosis surgery. *Br J Anaesth* 73:350-356, 1994 [O]
169. Aida S, Fujiwara N, Shimoji K: Differential regional effects of ketamine on spontaneous and glutamate-induced activities of single CNS neurones in rats. *Br J Anaesth* 73:388-394, 1994 [O]
170. Tobita T, Fukuda S, Kumagai Y, Taga K, Baba H, Shimoji K: Management of a patient with severe kyphoscoliosis and postoperative respiratory failure. *J Anesth* 8:490-492, 1994 [C]
171. Honda T, Fujiwara N, Abe T, Kumanishi T, Yoshimura M, Shimoji K: Prior mechanical injury inhibits rise in intracellular Ca^{2+} concentration by oxygen-glucose deprivation in mouse hippocampal slices. *Brain Res* 666:263-269, 1994 [O].
172. Tsukui A, Noguchi R, Honda T, Tobita T, Fukuda S, Shimoji K: Aortic aneurysm in a four-year-old child with tuberous sclerosis. *Paediat Anaesth* 5:67-70, 1995 [C]
173. Yamakura T, Sakimura K, Shimoji K, Mishina M: Effects of propofol on various AMPA-, kainate- and NMDA-selective glutamate receptor channels expressed in *Xenopus* oocytes. *Neurosci Lett* 188:187-190, 1995 [O]
174. Aida S, Fujihara H, Shimoji K: Ketamine anesthesia increases urine output. *Acta Med Biol* 43:91-98, 1995 [O]
175. Shimoji K: Origins and properties of spinal cord evoked potentials, In: *Atlas of Human Spinal Cord Evoked Potentials*, Dimitrijevic MR, Halter JA (eds), Butterworth Heinemann, New York, 1995, pp1-25 [B]
176. Kano T, Shimoji K: Influence of anesthesia on intraoperative monitoring of SCEPs, In: *Atlas of Human Spinal Cord Evoked Potentials*, Dimitrijevic MR, Halter JA (eds), Butterworth Heinemann, New York, 1995, pp97-106 [B]

177. Yamakura T, Mori H, Masaki H, Mishina M, Shimoji K: Molecular actions of the dissociative anesthetics as NMDA antagonists. *Progress in Anesthetic Mechanism* 3(Special Issue):318-325, 1995 [O]
178. Baba H, Okamoto M, Yoshimura M, Shimoji K: Noradrenaline α 1 receptors facilitate inhibitory transmitter release in substantia gelatinosa of the spinal cord. *Progress in Anesthetic Mechanism* 3(Special Issue):314-317, 1995 [O]
179. Fukuda S, Taga K, Tanaka T, Sakuma K, Fujiwara N, Shimoji K: Relationship between tissue ischemia and venous endothelin-1 during abdominal aortic aneurysm surgery. *J Cardiothoracic & Vasc Anesth* 9:510-514, 1995 [O]
180. Takada T, Fujioka H, Baba H, Tobita T, Shimoji K: Relationship between middle latency cerebral evoked potential (MCEP), electroencephalogram (EEG) change and neurological prognosis in cases which showed abnormal circulatory episodes during cardiovascular surgery. *Electroenceph clin Neurophysiol* 95:90p, 1995 [A]
181. Shimizu T, Yoshimura M, Baba H, Shimoji K, Higashi H: Role of A δ afferent fibers in modulation of primary afferent input to the adult rat spinal cord. *Brain Res* 691:92-98, 1995 [O]
182. Aida S, Tomiyama T, Shimoji K: Total intravenous anesthesia combined with epidural eptazocine. *J Anesth* 9:311-317, 1995 [O]
183. Yamakura T, Sakimura K, Mishina M, Shimoji K: The sensitivity of AMPA-selective glutamate receptor channels to pentobarbital is determined by a single amino acid residue of the α 2 subunit. *FEBS Lett* 374:412-414, 1995 [O]
184. Aida S, Shimoji K, Abo T: Calcitonin affects the expression of adhesion molecules on T-cell receptor (TCR) cells. *Int J Immunotherapy* 11:107-113, 1995 [O]
185. Shimoji K, Denda S, Tobita T, Takada T, Fujioka H, Tomita M: Survey on spinal cord monitoring during surgery. *Electroenceph clin Neurophysiol* 97:S18-19, 1995 [R]
186. Denda S, Shimoji K, Tomita M, Baba H, Yamakura T, Masaki H, Endoh H, Fukuda S: Central nuclei and spinal pathways in feedback inhibitory spinal cord potentials in ketamine-anaesthetized rats. *Br J Anaesth* 76:258-265, 1996 [O]
187. Tomita M, Shimoji K, Denda S, Tobita T, Uchiyama S, Baba H: Spinal tracts producing slow components of spinal cord potentials evoked by descending volleys in man. *Electroenceph clin Neurophysiol* 100:68-73, 1996 [O]
188. Aida S, Takahashi H, Shimoji K: Renal subcapsular hematoma after lumbar

plexus block. *Anesthesiology* 84:452-455, 1996 [C]

189. Shimoji K, Honda T, Fujiwara N, Taga K, Fukuda S, Aida S: Protective effect of brain microinjury against brain ischemia, In: *Molecular Neurobiology and Brain Ischemia*, Shimoji (ed), Springer-Verlag, Tokyo, 1996, pp151-160 [B]

190. Fujiwara N, Abe T, Ebine Y, Shimoji K: Changes in intracellular Ca^{2+} and pH of hippocampal slices in response to ischemia in vitro, In: *Molecular Neurobiology and Brain Ischemia*, K Shimoji (ed), Springer-Verlag, Tokyo, 1996, pp115-127 [B]

191. Aida S, Shimoji K: The peripheral analgesic mechanism by calcitonin in patients with rheumatoid arthritis. *Pain Res* 11:49-56, 1996 [O]

192. Saito MN, Kimura S, Fujiwara N, Oite T, Shimoji K, Shimizu F: Thy-1-mediated phosphatidylinositol turnover in cultured rat glomerular mesangial cell. *J Cell Physiol* 168:705-710, 1996 [O]

193. Fujihara H, Fukuda S, Fujiwara N, Shimoji K: The effects of halothane on arginine-vasopressin-induced Ca^{2+} mobilization from the intracellular stores and the receptor-mediated Ca^{2+} entry from the extracellular space in single cultured smooth muscle cells of rat aorta. *Anesth Analg* 83:584-590, 1996 [O]

194. Zhan R-Z, Fujiwara N, Shimoji K: Regionally different elevation of intracellular free calcium in hippocampus of septic rat brain. *Shock* 6: 93-297, 1996 [O]

195. Shimoji K, Denda S, Tobita T, Takada T, Fujioka H, Tomita M, Baba H, Yamakura T, Fukuda S, Taga K: Survey on spinal cord monitoring during surgery, In: *Recent Advances in Clinical Neurophysiology*, Kimura J, Shibasaki H (eds), Elsevier Science, Amsterdam, 1996, pp210-216 [B]

196. Takada T, Denda S, Baba H, Fujioka H, Yamakura T, Fujihara H, Taga K, Fukuda S, Shimoji K: Somatosensory evoked potentials recorded from the posterior pharynx to stimulation of the median nerve and cauda equina. *Electroenceph clin Neurophysiol* 100:493-499, 1996 [O]

197. Aida S, Baba H, Shimoji K: Comparison of circulatory and respiratory responses between supplementary epidural buprenorphine and eptazocine administration during and immediately after total intravenous anesthesia. *J Anesth* 11:94-99, 1997 [O]

198. Aida S, Tomita M, Lee C, Fukuda S, Shimoji K: Simple pain relief score by observers (PRSO) for assessing chronic pain. *J Anesth* 11:100-104, 1997 [O]

199. Baba H, Kohno T, Okamoto M, Endoh H, Yamakura T, Yoshimura M, Shimoji K: Facilitation of GABA release by carbachol and neostigmine in substantia gelatinosa

of rat spinal cord. *Pain Res* 12:25-32, 1997 [O]

200. Zhan R-Z, Fujiwara N, Yamakura T, Taga K, Fukuda S, Endoh H, Shimoji K: NMDA induces a biphasic change in intracellular pH in rat hippocampal slices. *Brain Res* 760:179-186, 1997 [O]

201. Tobita T, Denda S, Takada T, Endoh H, Baba H, Yamakura T, Fukuda S, Shimoji K: Effects of intravenous anesthetics on spinal cord potentials and electromyogram evoked by transcranial magnetic stimulation in man. *Electroenceph clin Neurophysiol* 103:193-194, 1997 [A]

202. Denda S, Tobita T, Tomita M, Shimoji K: Effects of isoflurane and sevoflurane on the motor evoked potential in the epidural space by transcranial electrical stimulation. *Electroenceph clin Neurophysiol* 103:194, 1997 [A]

203. Shimoji K, Denda S, Tomita M, Tobita T, Takada T, Fujioka H: Techniques and basics of recording human spinal cord potentials from the epidural space. *Electroenceph clin Neurophysiol* 103:59-60, 1997 [A]

204. Endoh H, Honda T, Komura N, Shimoji K: Effects of nicardipine, nitroglycerin, and prostaglandine E1 on human cerebral vascular CO₂ reactivity. *Anesthesiology* 87:A186, 1997 [A]

205. Endoh H, Kumagai Y, Baba H, Yamakura T, Taga K, Sato K, Fukuda S, Shimoji K: Prior brain injury protects death from local anaesthetic-induced convulsion. *Brain Res* 767:136-139, 1997 [O]

206. Aida S, Shimoji K: Preemptive analgesia with epidural and intravenous ketamine in combination with epidural blockade in abdominal surgery. Abstracts of the first Congress of Asian and Oceanic Society for Intra Venous Anesthesia (25-27 February 1998, Kyoto, Japan), p128, 1998 [A]

207. Zhan RZ, Fujiwara N, Okamoto M, Yamakura T, Fukuda S, Shimoji K: The correlation between intravenous anesthetics blocking loss of synaptic activity caused by ischemia and their action on NMDA receptors in rat hippocampus in vitro. Abstracts of the first Congress of Asian and Oceanic Society for Intra Venous Anesthesia (25-27 February 1998, Kyoto, Japan), p130, 1998 [A]

208. Yamakura T, Sakimura K, Shimoji K: Reduced ketamine sensitivities in mice lacking NMDA receptor $\epsilon 1$ subunit. Abstracts of the first Congress of Asian and Oceanic Society for Intra Venous Anesthesia (25-27 February, 1998, Kyoto, Japan), p132, 1998 [A]

209. Aida S, Taga K, Yamakura T, Endoh H, Shimoji K. Headache after attempted epidural block - The role of intrathecal air. *Anesthesiology* 88:76-81, 1998 [O]

210. Zhan RZ, Fujiwara N, Tanaka E, Shimoji K: Intracellular acidification induced by membrane depolarization in rat hippocampal slices: roles of intracellular Ca^{2+} and glycolysis. *Brain Res* 780:86-94, 1998 [O]
211. Yoshimura M, Baba H, Shimoji K: Dorsal root potentials recorded from superficial dorsal horn slices of the adult rat: effects of barbiturate and benzodiazepine. 7th International Symposium on Spinal Cord Monitoring (Wednesday-Friday, March 18-20, 1998, Osaka, Japan), p6, 1998 [A]
212. Shimoji K, Tobita T, Denda S, Tomita M, Kano T: Effects of anesthetics on somatosensory and motor-evoked spinal cord potentials. 7th International Symposium on Spinal Cord Monitoring (Wednesday-Friday, March 18-20, 1998, Osaka, Japan), p7, 1998 [A]
213. Ataka T, Okamoto M, Baba H, Shimoji K: Midazolam enhances inhibitory synaptic transmission in substantia gelatinosa in rat spinal cord. 7th International Symposium on Spinal Cord Monitoring (Wednesday-Friday, March 18-20, 1998, Osaka, Japan), p7, 1998 [A]
214. Shimoji K, Yamakura T, Taga K, Aida S, Zhan RZ, Fujiwara N, Fukuda S: Neuropharmacology of ketamine anesthesia. The 10th Asian Australasian Congress of Anaesthesiologists (May 10-14, 1998, Taipei, Taiwan), ILC4, 1998 [A]
215. Shimoji K, Denda S, Tobita T, Endoh H: Perioperative neurological monitoring. The 10th Asian Australasian Congress of Anaesthesiologists (May 10-14, 1998, Taipei, Taiwan), SF1, 1998 [A]
216. Baba H, Kohno T, Okamoto M, Gldstein PA, Shimoji K, Yoshimura M: Muscarinic facilitation of GABA release in substantia gelatinosa of the rat spinal dorsal horn. *J Physiol* 508:83-93, 1998 [O]
217. Yoshimura T, Sakimura K, Mishina M, Shimoji K: Sensitivity of the N-methyl-D-aspartate receptor channel to butyrophenones is dependent on the $\epsilon 2$ subunit. *Neuropharmacology* 37:709-717, 1998 [O]
218. Aida S, Shimoji K: Preemptive analgesia with epidural and intravenous ketamine in combination with epidural blockade in abdominal surgery, In *New Balanced Anesthesia*, Mori K, Ohmura A, Toyooka H, Shingu K, Fukuda K (eds), Elsevier Science BV, Amsterdam, 1998, pp345-346 [B]
219. Zhan RZ, Nujiwara N, Okamoto M, Yamakura T, Fukuda S, Shimoji K: The correlation between intravenous anesthetics blocking loss of synaptic activity caused by ischemia and their action on NMDA receptors in rat hippocampus in vitro, In *New Balanced Anesthesia*, Mori K, Ohmura A, Toyooka H, Shingu K, Fukuda K (eds), Elsevier Science BV, Amsterdam, 1998, pp273-274 [B]

220. Yamakura T, Sakimura K, Shimoji K: Reduced ketamine sensitivities in mice lacking NMDA receptor $\epsilon 1$ subunit, In *New Balanced Anesthesia*, Mori K, Ohmura A, Toyooka H, Shingu K, Fukuda K (eds), Elsevier Science BV, Amsterdam, 1998, pp345-346 [B]
221. Uchiyama S, Hasegawa K, Homma T, Takahashi HE, Shimoji K: Ultrafine flexible spinal endoscope (myeloscope) and discovery of an unreported subarachnoid lesion. *Spine* 23:2358-2362, 1998 [O]
222. Zhan RZ, Fujiwara N, Yamakura T, Taga K, Fukuda S, Shimoji K: Differential inhibitory effects of thiopental, thiamylal and phenobarbital on both voltage-gated calcium channels and NMDA receptors in rat hippocampal slices. *Br J Anaesth* 81:932-939, 1998 [O]
223. Denda s, Tomita M, Tobita T, Taga K, Fukuda S, Shimoji K: Effects of isoflurane on the spinal cord potentials by transcranial electric stimulation, In *Recent Advances in Human Neurophysiology*, Hashimoto I, Kakigi R (eds), Elsevier Science BV, Amsterdam, 1998, pp1022-1026 [B]
224. Tobita T, Denda S, Takada T, Endoh H, Baba H, Yamakura T, Fukuda S, Shimoji K: Effects of fentanyl on spinal cord potentials and electromyogram evoked by transcranial magnetic stimulation in man, In *Recent Advances in Human Neurophysiology*, Hashimoto I, Kakigi R (eds), Elsevier Science BV, Amsterdam, 1998, pp1034-1037 [B]
225. Belova OA, Uchiyama S, Yajiri Y, Takahashi HE, Shimoji K: Spinal cord monitoring in spinal surgery: two demonstrative cases. *Acta Med Biol* 47:81-84, 1999 [O]
226. Shimoji K: Pain Relief committee. *World Anaesthesia* 3:29, 1999 [R]
227. Yamakura T, Shimoji K: Subunit- and site-specific pharmacology of the NMDA receptor channel. *Prog Neurobiol* 59:279-298, 1999 [R]
228. Yamakura T, Mihic SJ, Harris RA: Amino acid volume and hydropathy of a transmembrane site determine glycine and anesthetic sensitivity of glycine receptors. *J Biol Chem* 274:23006-23012, 1999 [O]
229. Baba H, Doubell TP, Woolf CJ: Peripheral inflammation facilitates A β fiber-mediated synaptic input to the substantia gelatinosa of the adult rat spinal cord. *J Neurosci* 19:859-867, 1999 [O]
230. Kohno T, Kumamoto E, Higashi H, Shimoji K, Yoshimura M: Actions of opioids on excitatory and inhibitory transmission in substantia gelatinosa of adult rat spinal cord. *J Physiol* 518:803-813, 1999 [O]
231. Aida S, Baba H, Yamakura T, Taga K, Fukuda S, Shimoji K: The effectiveness

of preemptive analgesia varies according to the type of surgery: a randomized, double-blind study. *Anesth Analg* 89:711-716, 1999 [O]

232. Aida S, Shimoji K: Homogenous mixing of propofol emulsion into an infusion solution. *Anaesthesia* 54:716-717, 1999 [O]

233. Yamakura T, Sakimura K, Shimoji K: Direct inhibition of the N-methyl-D-aspartate receptor channel by high concentrations of opioids. *Anesthesiology* 91:1053-1063, 1999 [O]

234. Endoh H, Taga K, Yamakura T, Sato K, Watanabe I, Fukuda S, Shimoji K: Effects of naloxone and morphine on acute hypoxic survival in mice. *Crit Care Med* 27:1929-1933, 1999 [O]

235. Fukuda S, Toriumi T, Xu H, Kinoshita H, Nishimaki H, Kokubau S, Fujiwara N, Fujihara H, Shimoji K: Enhanced β -receptor-mediated vasorelaxation in hypoxic porcine coronary artery. *Am J Physiol* 277:H1447-H1452, 1999 [O]

236. Endoh H, Honda T, Komura N, Shibue C, Watanabe I, Shimoji K: Effects of nicardipine-, nitroglycerin-, and prostaglandin E1-induced hypotension on human cerebrovascular carbon dioxide reactivity during propofol-fentanyl anesthesia. *J Clin Anesth* 11:545-549, 1999 [O]

237. Fukuda S, Kurokawa S, Kokubun S, Nishimaki H, Kinoshita H, Fujihara H, Kinoshita Y, Shimoji K: Differences in brain oxygenation between two sequential cardiac arrests detected by near infrared spectroscopy during axillo-bifemoral bypass in a Stanford type A dissecting aneurysm. *J Cardiothorac Vasc Anesth* 14:191-195, 2000 [C]

238. Baba H, Shimoji K, Yoshimura M: Norepinephrine facilitates inhibitory transmission in substantia gelatinosa of adult rat spinal cord (part 1) - Effects on axon terminals of GABAergic and glycinergic neurons - . *Anesthesiology* 92:473-484, 2000 [O]

239. Baba H, Goldstein PA, Okamoto M, Kohno T, Ataka T, Yoshimura M, Shimoji K: Norepinephrine facilitates inhibitory transmission in substantia gelatinosa of adult rat spinal cord (part 2) - Effects on somatodendritic sites of GABAergic neurons - . *Anesthesiology* 92:485-492, 2000 [O]

240. Kohno T, Kumamoto E, Baba H, Ataka T, Okamoto M, Shimoji K, Yoshimura M: Actions of midazolam on GABAergic transmission in substantia gelatinosa neurons of adult rat spinal cord slices. *Anesthesiology* 92:507-515, 2000 [O]

241. Aida S, Fujihara H, Taga K, Fukuda S, Shimoji K: Involvement of presurgical pain in preemptive analgesia for orthopedic surgery: a randomized double blind study. *Pain* 84:169-173, 2000 [O]

242. Ataka T, Kumamoto E, Shimoji K, Yoshimura M: Baclofen inhibits more effectively C-afferent than A δ -afferent glutamatergic transmission in substantia gelatinosa neurons of adult rat spinal cord slices. *Pain* 86:273-282, 2000 [O]
243. Yamakura T, Sakimura K, Shimoji K: N-methyl-D-aspartate receptor channel block by meperidine is dependent on extracellular pH. *Anesth & Analg* 90:928-932, 2000 [O]
244. Shimoji K, Yamakura T, Baba H, Aida S: Role of NMDA receptors in pain and anesthesia. In *Regional anaesthesia and pain management current perspectives*, GP Dureja, R Modan, HL Laul (eds), Churchill Livingstone, New Delhi, 2000, pp63-70 [B]
245. Aida, Yamakura T, Baba H, Taga K, Fukuda S, Shimoji K: Preemptive analgesia by intravenous low-dose ketamine and epidural morphine in gastrectomy. A randomized double-blind study. *Anesthesiology* 92:1624-1630, 2000 [O]
246. Yamakura T, Sakimura K, Shimoji K: The stereoselective effects of ketamine isomers on heteromeric N-methyl-D-aspartate receptor channels. *Anesth & Analg* 91:225-229, 2000 [O]
247. Endoh H, Honda T, Komura N, Shibue C, Watanabe I, Shimoji K: The effects of nicardipine on dynamic cerebral autoregulation in patients anesthetized with propofol and fentanyl. *Anesth & Analg* 91:642-246, 2000 [O]
248. Taga K, Fujiwara N, Shimoji K: Ischemic tolerance preserves propagation of membrane depolarization. *Neuroreport* 11:2961-2964, 2000 [O]
249. Taga K, Tomita M, Watanabe I, Sato K, Awamori K, Fujihara H, Shimoji K: Complete recovery of consciousness in a patient with decorticate rigidity following cardiac arrest after thoracic epidural injection. *Br J Anaesth* 85:632-634, 2000 [C]
250. Kitahara Y, Taga K, Abe H, Shimoji K: The effects of anesthetics on cortical spreading depression elicitation and c-fos expression in rats. *J Neurosurg Anesthesiol* 13:26-32, 2001 [O]
251. Zhan RZ, Qi S, Wu C, Fujihara H, Taga K, Shimoji K: Intravenous anesthetics differentially reduce neurotransmission damage caused by oxygen-glucose deprivation in rat hippocampal slices in correlation with N-methyl-D-aspartate receptor inhibition. *Crit Care Med* 29:808-813, 2001 [O]
252. Endoh H, Honda T, Ohashi S, Shimoji K: Naloxone improves arterial blood pressure and hypoxic ventilatory depression, but not survival, of rats during acute hypoxia. *Crit Care Med* 29:623-627, 2001 [O]
252. Zhan RZ, Wu C, Fujihara H, Taga K, Qi S, Naito M, Shimoji K: Both caspase-dependent and caspase-independent pathways may be involved in hippocampal CA1

neuronal death because of loss of cytochrome c from mitochondria in a rat forebrain ischemia model. *J Cereb Blood Flow Metab* 21:529-540, 2001 [O]

253. Wu C, Zhan RZ, Qi S, Fujihara H, Taga K, Shimoji K: A forebrain ischemic preconditioning model established in C57Black/Crj6 strain mice. *J Neurosci Methods* 107:101-106, 2001 [O]

254. Hayatsu K, Tomita M, Fujihara H, Baba H, Yamakura T, Taga K, Shimoji K: The placement of the epidural catheter at the predicted site by electrical stimulation test. *Anesth Analg* 93:1035-1039, 2001 [O]

255. Endoh H, Honda T, Oohashi S, Nagata Y, Shibue C, Shimoji K: Continuous intra-jugular venous blood-gas monitoring with the Paratrend 7 during hypothermic cardiopulmonary bypass. *Br J Anaesth* 87:223-228, 2001 [O]

256. Okamoto M, Baba H, Goldstein PA, Higashi H, Shimoji K, Yoshimura M: Functional reorganization of sensory pathways in the rat spinal dorsal horn following peripheral nerve injury. *J Physiol* 532:241 – 250.2001 [O]

257. Qi S, Zhan RZ, Wu C, Fujihara H, Yamakura T, Baba H, Taga K, Shimoji K: Sublethal cerebral ischemia inhibits caspase-3 activation induced by subsequent prolonged ischemia in the C57Black/Crj6 strain mouse. *Neurosci Lett* 315:133-136,2001

258. Petrenko AB, Shimoji K: A possible role for glutamate receptor-mediated excitotoxicity in chronic pain. *J Anesth* 15: 39-48, 2001 [R]

259. Qi S, Zhan RZ, Wu C, Fujihara H, Taga K, Shimoji K: The effects of thiopental and propofol on cell swelling induced by oxygen-glucose deprivation in the CA1 pyramidal cell layer of rat hippocampal slices. *Anesth & Analg* 94:655-660,2002 [O]

260. Shimizu M, Yamakura T, Tobita T, Okamoto M: Propofol enhances GABA(A) receptor-mediated presynaptic inhibition in human spinal cord. *Neuroreport* 13:357-360, 2002 [O]

261. Waguri N, Tomita M, Hayatsu k, Okamoto K, Shimoji K: Epidural blood patch for treatment of spontaneous intracranial hypotension. *Acta Anaesthesiol Scand* 46:747-750,2002 [C]

262. Taga K, Fujihara, H, Baba H, Yamakura T, Shimoji K: Workforce and regional distribution of anaesthesiologists in Japan. *Eur J Anaesthesiol* 19:530-532,2002 [O]

263. Watanabe I, Fujihara H, Sato K, Honda T, Ohashi S, Endoh H, Yamakura T, Taga

K, Shimoji K: Beneficial effect of a prone position for patients with hypoxemia after transthoracic esophagectomy. *Crit Care Med* 30:1799-1802,2002 [O]

264. Ishii H, Fujihara H, Ataka T, Baba H, Yamakura T, Tobita T, Taga K, Shimoji K: Successful use of laryngeal mask airway for a patient with tracheal stenosis with tracheobronchopathia osteochondroplastica. *Anesth Analg* 95:781-782, 2002 (C)

265. Zhan RZ, Fujihara H, Baba H, Yamakura T, Shimoji K: Ischemic preconditioning is capable of inducing mitochondrial tolerance in the rat brain. *Anesthesiology* 97(4) : 896-901,2002 [O]

266. Nakakimura K, Shimoji K, Taga K, Kawata K, Sakabe T: A prior brain microinjury attenuates hypermetabolism induced by brain ischemia-reperfusion in the mouse. *Crit Care & Shock* 5: 183-189, 2002 [O]

267. Petrenko AB, Yamakura T, Baba H, Shimoji K: Chapter 8, Neuropathic Pain. In: *Recent Advances in Anaesthesia and Intensive Care*, edited by AP Adams, JN Cashman, RM Grounds, Greenwich Medical Media, 2003, pp177-207 (B)

268. Petrenko AB, Yamakura T, Baba H, Shimoji K: The role of N-methyl-D-aspartate receptors in pain: A Review. *Anesth & Analg* 97: 1108-1116, 2003 [R]

269. Tobita T, Okamoto M, Tomita M, Yamakura T, Fujihara H, Baba H, Uchiyama S, Hamann W, Shimoji K: Diagnosis of spinal disease with ultrafine flexible fiberscopes in patients with chronic pain. *Spine* 28: 2006-2012, 2003(O)

270. Tobita T, Okamoto M, Shimizu M, Yamakura T, Fujihara H, Shimoji K, Baba H: The effects of isoflurane on conditioned inhibition by dorsal column stimulation. *Anesth Analg* 97: 436-441,2003(O)

271. Wu C, Fujihara H, Yao J, Qi S, Li H, Shimoji K, Baba H: Different expression patterns of Bcl-2, Bcl-x1, and Bax proteins after sublethal forebrain ischemia in C57Black/6 mouse striatum. *Stroke* 34: 1803-1808, 2003 [O]

272. Aida S, Shimoji K: Descending pathways in spinal cord stimulation and pain control. In *Pain: Current Understanding, Emerging Therapies, and Novel Approaches to Drug Discovery*, edited by Bountra C, Munglani R, Schmidt WK, Marcel Dekker, New York, 2003, pp 101-117 [B]

273. Shimoji K: WFSA and the land of the rising sun. In: *World Federation of Societies of Anaesthesiologists-50 Years*, edited by A Gullo and Ruprecht J, Springer, Milano, 2004, pp 181-184 (B)

274. Aida S, Shimoji K: Preemptive analgesia: Implication and practice. *Res Adv in Anesthesia* 2:1-14, 2005 (R)

275. Shimoji K: Overviews of human (evoked) spinal cord potentials (SCPs): Recording methods and terminology. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 40-49 [B]
276. Aida S, Shimoji K: Segmental SCPs. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 53-64 [B]
277. Maruyama Y, Shimoji K: Spinal cord potentials evoked by ascending volleys. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 65-70 [B]
278. Shimizu H, Shimoji K: Spinal cord potentials evoked by descending volleys. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 71-81 [B]
279. Tomita M, Shimoji K: Heterosegmental SCPs (HSPs). In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 82-89 [B]
280. Tobita T, Shimoji K: Transcranial magnetically evoked SCPs (TCM-evoked SCPs). In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 105-111 [B]
281. Denda S, Shimoji K: Effects of intravenous and inhalational anesthetics. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 129-134 [B]
282. Fujioka H, Shimoji K: Spine surgery: Scoliosis surgery. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 137-139 [B]
283. Yamakura T, Shimoji K: Dorsal root entry zone lesion (DREZL). In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 140-149 [B]
284. Takada T, Shimoji K: Somatosensory evoked SCPs. In *Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques*, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp

160-164 [B]

285. Shimizu H, Shimoji K: Diagnosis by spinal cord potentials of spinal diseases. In Evoked Spinal Cord Potentials An Illustrated Guide to Physiology, Pharmacology, and Recording Techniques, edited by Shimoji K, Willis WD, Springer-Verlag, Tokyo, 2006, pp 174-179 [B]
286. Shimoji K, Takahashi N, Nishio Y, Koyanagi M, Aida S: Pain relief by transcutaneous electric stimulation with bidirectional modulated sine wave in patients with chronic back pain: A randomized, double-blinded, sham-controlled study. *Neuromodulation* 10:42-51, 2007 [O]
287. Tanaka E, Tobita T, Murai Y, Okabe Y, Yamada A, Kano T, Higashi H, Shimoji K: Thiamylal antagonizes the inhibitory effects of dorsal column stimulation on dorsal horn activities in humans. *Neurosci Res.* 64:391-6, 2009 [O]
288. Shimoji K, Ogura M, Gamou S, Yunokawa S, Sakamoto H, Fukuda S, Morita S: A new approach for observing cerebral cisterns and ventricles via a percutaneous lumbosacral route by using fine, flexible fiberscopes. *J Neurosurg.* 110:376-81, 2009 [O]
289. Shimoji K: Editorial Lumbosacral fiberscope: Response. *J Neurosurg* 110:374-375, 2009
290. Kokubun S, Fukuda S, Shimoji K, Sakamoto H, Gamou S, Ogura M, Yunokawa S, Morita S: Differential responses of porcine anterior spinal and middle cerebral arteries to carbon dioxide and pH. *Crit Care Med* 37:987-92, 2009 [O]
291. Shimoji K, Aida S, Fujioka H: Heterosegmental spinal cord potentials, tools for studying feedback inhibition in man. 36th International Congress of Physiological Sciences Proceedings p 181, 2009 [A]
292. Shimoji K, A new approach for observing cerebral cisterns and ventricles via a percutaneous lumbosacral route by using fine, flexible fiberscopes. *J Neurosurg* 110:376-381, 2010 (O)
293. Shimoji K, Fujioka H, Aida S, Kano T, Higashi H: Heterosegmentally evoked spinal cord potentials- Tools for studying feedback inhibitory activities in man. *Internat Physiol Soc* P 43, 2010

[O] Original [C] Case report [R] Review [M] Monograph [B] Book
[A] Abstract

XIII Books in English (英文著書)

1. Anaesthesiology-Proceedings of WCA, 1972 Miyazaki ed., Excerpta Medica, 1972

2. Neurophysiological Basis of Anesthesia, Mori ed. Shimoji et al, Little, Brown Co, 1975
3. Electroanesthesia, Sances ed. Shimoji et al, Academic Press, 1975
4. Cerebral Blood Flow and Metabolism, Gotoh ed. Munksgaard, 1979
5. Advances in Endo-Exogenous Opioids, Takagi ed. Kodansha, 1981
6. Indications for Spinal Cord Stimulation, Hosobuchi ed. Excerpta Medica, 1981
7. Fundamental and clinical Application of SCP, Homma ed. Saikon Publ, 1984
8. Spinal Cord Monitoring, Schrumm ed. Shimoji et al, Springer, 1985
9. New Aspect in Regional Anaesthesia, Wust ed. VFM, Heidelberg, 1988
10. Mechanisms of Ischemic Brain Damage, PharMa Internat, 1990
11. Advances in Brain Resuscitation, Takeshita ed. , Springer, 1991
12. Spinal Cord Monitoring and Electrodiagnosis, Shimoji ed., Springer, 1991
13. The Pain Clinic, Hyodo ed. , VSP, 1992
14. Handbook of Spinal Cord Monitoring, Jones ed. Shimoji et al, Kluwer Academic, 1992
15. International Neuromodulation Society, Galley ed. , Monduzzi, 1993
16. Atlas of Human Spinal Cord Evoked Potential, Dimitrijevic ed., Butterworth, 1995
17. Molecular Neurobiology and Brain Ischemia Shimoji ed., Springer, 1996
18. Recent Advances in Clinical Neurophysiology, Kimura ed. Excerpta Medica, 1996
19. Recent Advances in Human Neurophysiology, Hashimoto ed., Elsevier, 1998
20. New Balanced Anesthesia, Mori ed. Excerpta Medica, 1998
21. Regional Anesthesia and Pain Management Dureja ed. Churchill Liv., 2000
22. Pain, Bountra ed. Marcel Dekker, 2003
23. WFSA and the Land of Rising Sun, Gullo A & Ruprecht J ed. Springer, 2004
24. Evoked Spinal Cord Potentials, Springer, 2006
25. Spinal Cord Stimulation Techniques (Chapter 6). Edited by Koht A, Sloan TB, Toleikis JR: Monitoring the Nervous System for Anesthesiologists and Other health Care Professionals, Springer, NY, 2012; pp115-136
26. Spinal Cord Stimulation Techniques (Chapter 6). Edited by Koht A, Sloan TB, Toleikis JR: Monitoring the Nervous System for Anesthesiologists and Other health Care Professionals, the 2nd Edi, Springer, NY, 2016
27. Theory of Pain (Chapter 2), Shimoji K and Yokota Y, In Chronic Pain Management in General and Hospital Practice, edited by Shimoji K, Hamann W, Nader A, Springer,

Tokyo, 2019

28. Anatomical Physiology of Pain (Chapter 3), Shimoji K and Kurokawa S, In Chronic Pain Management in General and Hospital Practice, edited by Shimoji K, Hamann W, Nader A, Springer, Tokyo, 2019

29. Clinical Pharmacology with Specific Treatment Outlines (Chapter 5), Shimoji K and Fujioka H, In Chronic Pain Management in General and Hospital Practice, edited by Shimoji K, Hamann W, Nader A, Springer, Tokyo, 2019

30. Other Methods of Pain Management (Chapter 9), Shimoji K and Kano T, In Chronic Pain Management in General and Hospital Practice, edited by Shimoji K, Hamann W, Nader A, Springer, Tokyo, 2019

31. Assessments and Measurements of pain (Chapter 10), Shimoji K and Aida S. In Chronic Pain Management in General and Hospital Practice, edited by Shimoji K, Hamann W, Nader A, Springer, Tokyo, 2019

XIV Papers in Japanese with English Abstract (英文抄録付和文論文)

1. Shimoji K, Takeshita H: Electromyographic study on the respiratory movements during general anesthesia. Kitano Hospital Bulletin 8:73-86, 1963 [O]

2. Shimoji K, Takeshita H, Inamoto A: Anesthesia and electromyogram. Part I. Electromyogram as a monitor of muscle relaxation and clinical evaluation of sparing effect. Jpn J Anes 15:596-603, 1966 [O]

3. Morioka T, Shimoji K: Cardiopulmonary resuscitation. Medicine 5:439-509, 1968 [R]

4. Shimoji K: Application of a digital computer for the neurophysiological study on the mechanism of anesthesia. Jpn J Anes 17:1305-1310, 1968 [O]

5. Shimoji K, Watanabe T: The differential effects of anesthetics and the methods of hyperventilation upon apneic point. Jpn J Anes 17:1351-1356, 1968 [O]

6. Masunaga Y, Isa T, Katsuya H, Nishiyama T, Shimoji K: Measurement of cardiac output by Indocyanine green. Clinic & Research 46:273-240, 1969 [O]

7. Okamoto Y, Ohta M, Nishiyama T, Ueno F, Kuba J, Shimoji K, Morioka T: Clinical evaluation of low molecular weight dextran in lactate Ringer's solution. Jpn J Anes 18:64-68, 1969 [O]

8. Ohta M, Okamoto Y, Kuba J, Shimoji K, Morioka T, Isa T: Statistical review of our pain clinic for last nineteen months. *Jpn J Anes* 18:437-442, 1969 [O]
9. Katsuya H, Ueno F, Shimoji K, Morioka T: Experience in Hitchcock block. *Jpn J Anes* 18:530-533, 1969 [C]
10. Ueno F, Tatsume Y, Higashi H, Terasaki H, Shimoji K: Pharmacological study of the effect of propanidid on heart, cerebral circulation and spinal reflexes. *Jpn J Anes* 18:823-830, 1969 [O]
11. Okamoto Y, Ohta M, Kuba J, Shimoji K: Application of hyperbaric oxygen therapy in pain clinic. *Jpn J Anes* 18:997-1003, 1969 [O]
12. Shimoji K, Asai J, Higashi H, Ueno F, Kushiyama S, Nishiyama T, Terasaki H: Clinical application of electroanesthesia (1) Method. *Jpn J Anes* 18:1479-1485, 1969 [O]
13. Nishiyama T, Shimoji K, Morioka T: Obstetrics & emergency care - Practice of artificial ventilation. *Ther Obstet Gynecol* 18:42-48, 1969 [R]
14. Shimoji K, Higashi H, Terasaki H, Kano T, Morioka T: Current status and future of electroanesthesia. *Clinic and Health* 12:655-670, 1970 [R]
15. Shimoji K: Sleep-wakefulness rhythm and anesthesia. *Igaku-no-Ayumi* 74:158-159, 1970 [O]
16. Shimoji K, Morioka T: Electroanesthesia, *Igaku-no-Ayumi* 75:276-277, 1970 [R]
17. Shimoji K, Asai J, Higashi H, Kushiyama S, Ueno F, Terasaki H, Nishiyama T: Clinical application of electroanesthesia. (2) Evaluation of 21 cases. *Jpn J Anes* 19:11-17, 1970 [O]
18. Higashi H, Shimoji K, Asai J, Kushiyama S, Ueno F, Nishiyama T, Terasaki H: Clinical Application of electroanesthesia. (3) Physiological effects of clinical electroanesthesia. *Jpn J Anes* 19:165-171, 1970 [O]
19. Higashi H, Shimoji K, Ueno F, Kushiyama S, Asai J, Terasaki H, Nishiyama T: Clinical application of electroanesthesia. (4) Electrophysiological monitoring during clinical electroanesthesia. *Jpn J Anes* 19:264-270, 1970 [O]
20. Ueno F, Yamamoto E, Shimoji K, Nagaki J: Differential effects of some intravenous anesthetics on spinal monosynaptic reflex and neuromuscular transmission. *Jpn J Anes* 19:350-356, 1970 [O]
21. Aoki N, Shimoji K, Terasaki H, Ogata S, Tobimatsu T: Clinical experience

with Penthrane analgizer. *Clinic & Research* 47:195-198, 1970 [O]

22. Higashi H, Shimoji K, Asai J, Morioka T, Nishiyama T, Terasaki H, Yamamoto E: Clinical application of electroanesthesia. Part 5. Indication for patients in poor risk. *Jpn J Anes* 19:549-555, 1970 [O]

23. Higashi H, Shimoji K, Kano T, Morioka T: Effect of clinical electroanesthesia on evoked electromyogram. *Clin EEG* 12:437-445, 1970 [O]

24. Shimoji K, Higashi H, Kano T: The effects of oxazolam on respiratory, circulatory and nervous system in normal subjects. *Jpn J Clin Pharmacol* 1:24-28, 1970 [O]

25. Fukami N, Kotani T, Shimoji K, Morioka T, Isa T: Circadian rhythm and anesthesia. *Jpn J Anes* 19:1235-1238, 1970 [O]

26. Higashi H, Nishiyama T, Terasaki H, Kano T, Shimoji K, Morioka T, Harada M: Clinical application of electroanesthesia. Part 6. Its effect on adrenal function. *Jpn J Anes* 20:117-121, 1971 [O]

27. Terasaki H, Shimoji K, Higashi H, Kano T, Arase M, Masunaga Y, Nishiyama T, Harada M, Miura S, Morioka T: Clinical application of electroanesthesia. Part 7. The cerebral circulation and cerebral metabolism under the therapeutic electroanesthesia. *Jpn J Anes* 20:389-394, 1971 [O]

28. Shimoji K, Higashi H, Kano T, Asai J, Morioka T: Electrical management of intractable pain. *Jpn J Anes* 20:444-447, 1971 [O]

29. Higashi H, Shimoji K, Terasaki H, Kano T, Morioka T, Harada M: Clinical application of electroanesthesia. Part 8. Changes in blood chemistry during electroanesthesia therapy. *Jpn J Anes* 20:477-481, 1971 [O]

30. Higashi H, Kano T, Shimoji K, Morioka T: The effect of halothane and ketamine anesthesia on the recovery curve of the H-reflex in man. *Jpn J Anes* 20:1136-1141, 1971 [O]

31. Kano T, Higashi H, Shimoji K, Morioka T: The patterns of evoked spinal electrogram in man. *Clin Physiol* 1:559-566, 1971

32. Morioka T, Shimoji K: Respiratory insufficiency. *Clinic & Research* 48:1075-1079, 1971 [R]

33. Shimoji K: Clinical electroanesthesia (I). *Clin EEG* 13:593-603, 1971 [R]

34. Shimoji K: Clinical electroanesthesia (II). *Clin EEG* 13:664-674, 1971 [R]

35. Shimoji K: Clinical electroanesthesia (III). *Clin EEG* 13:736-748, 1971

[R]

36. Shimoji K: On the mechanism of anesthesia. Clinic & Research 49:3418-3422, 1972 [R]

37. Shimoji K: The effect of anesthetic on central and peripheral nervous system. Jpn J Anes 21:1293-1298, 1972 [O]

38. Takeshita H, Shimoji K: Neuroanesthesia. Ishiyaku-shuppan, Tokyo, 1972 [B]

39. Higashi H, Ehira T, Kobayashi T, Shimoji K, Hirayama K: Treatment by peritoneal dialysis of the acute bromvalerylurea poisoning. Jpn J Anes 21:81-86, 1972 [O]

40. Morioka T, Kobayashi T, Tawara S, Higashi H, Shimoji K, Goto S, Kodama H: Effects of an analgesic, S-9700, on respiratory and circulatory systems. Clinic & Research 49:252-258, 1972 [O]

41. Kobayashi T, Kano T, Higashi H, Katsuya H, Shimoji K, Morioka T, Isa T: Pharmacological effects of germine monoacetate on rabbits. Jpn J Anes 21:765-770, 1972 [O]

42. Shimoji K: The evoked spinal electrogram in man: Recording from epidural space. Jpn J EEG & EMG 1:61-63, 1972 [O]

43. Shimoji K, Kano T, Higashi H, Goya T, Nakashima E, Morioka T: The effects of anesthetics on spontaneous activities of electrospinogram in man. Jpn J Anes 22:177-181, 1973 [O]

44. Goya T, Matsukado Y, Shimoji K, Ehira T, Morioka T, Kano T: Effects of local asphyxia on nerve, muscle and neuromuscular transmission in man. Clin Physiol 3:306-310, 1973 [O]

45. Ehira T, Ozaki T, Mishima E, Matsunaga T, Goya T, Kano T, Shimoji K, Morioka T: Biochemical changes in the ischemic forearm during tourniquet application in man. Jpn J Anes 22:527-532, 1973 [O]

46. Yoshida M, Matsukado Y, Goya T, Shimoji K: The evoked spinal electrogram (SEG) in patients with spinal cord lesion. Clin Neurol 13:745-752, 1973 [O]

47. Shimoji K: Unit activity. In: Basic & Clinical Considerations in Neuropharmacology, Yamamura H (ed), Shinko-koeki, Ltd., Tokyo, 1973, pp1-18 [B]

48. Shimoji K: Electroanesthesia machine. In: Medical Electronics for Gynecologist-Obstetrician, Suzuki M (ed), Nankodo, Tokyo, 1973, pp490-495 [B]

49. Shimoji K: Hypoxia and nervous activity. *Jpn J Anes* 23:1051-1062, 1974 [R]
50. Shimoji K: Evoked electrospinogram. *Clin EEG* 16:389-397, 1974 [R]
51. Ito Y, Masuko K, Matsuki M, Maruyama M, Aida S, Iwane T, Shimoji K, Horikawa H, Ichibanagi K: Morphine anesthesia for open-heart surgery -Comparison with GOF anesthesia. *Jpn J Anes* 24:574-579, 1975
52. Shimoji K: Clinical electroanesthesia. *Niigata Med J* 89:297-302, 1975 [R]
53. Maruyama M, Ito Y, Iwane T, Aida S, Masuko K, Matsuki M, Shimoji K, Ichibanagi K, Horikawa H: Anesthesia for neurosurgery in the sitting position. *Jpn J Anes* 24:825-831, 1975 [O]
54. Ichikawa T, Kojima T, Ando K, Takao K, Shimoji K: A study on the electroencephalography and the eye movements after droperidol administration. *Brain & Nerve* 27:1271-1278, 1975 [O]
55. Shimoji K: Neuroleptanalgesia. *Surgery* 38:404-406, 1976 [R]
56. Shimoji K, Ito Y, Maruyama M, Iwane T, Takahashi R, Masuko K, Minagawa M, Ueki K: The pressure changes in the jugular bulb and venous sinus during neurosugeries. *Clin Physiol* 6:243-249, 1976 [O]
57. Shimoji K: Brain and anoxia. *Resp & Circ* 24:517-523, 1976 [R]
58. Shimizu H, Shimoji K: Acupuncture anesthesia and somatosensory evoked potentials. *Clin EEG* 18:391-398, 1976 [O]
59. Iwane T, Maruyama M, Shimoji K, Matsuki M, Honma K: Continuous cervical epidural block for operations of upper extremities. *Jpn J Anes* 25:815-819, 1976 [O]
60. Iwane T, Aida S, Maruyama M, Masuko K, Ito Y, Shimoji K, Horikawa H: Clinical experience of profound hypothermia and modified neuroleptanesthesia for open-heart surgery in infants. *Jpn J Anes* 25:1410-1415, 1976 [O]
61. Maruyama M, Iwane T, Hashiba M, Maruyama Y, Shimoji K: Effect of methylpredonisolone on cardiovascular disturbances during anesthesia. *Basic & Clinical Med* 10:3608-3615, 1976 [O]
62. Shimoji K: Emergency care. In: *Up-to-date Care*, Hinohara S, Abe M (eds), Igakushoin, Tokyo, 1976, pp579-581 [B]
63. Masuko K, Takeda N, Shimoji K: Tay-Sachs disease and anesthesia: A case

report. *Jpn J Anes* 26:183-189, 1977 [C]

64. Shimoji K, Hashiba M, Maruyama M, Masuko K: Closed or low flow technique of nitrous oxide anesthesia. *Jpn J Anes* 26:117-125, 1977 [O]

65. Shimoji K, Shimizu H, Maruyama Y: Evoked spinal cord potential. *Clin Geriat* 7:573-576, 1977 [R]

66. Shimizu H, Maruyama Y, Hashiba M, Muraki S, Shimoji K: The effects of Althesin on human central and peripheral nervous system. *Jpn J Anes* 26:442-448, 1977 [R]

67. Maruyama M, Takahashi R, Iwane T, Masuko K, Takahata Y, Naito E, Mori H, Shimoji K, Horikawa H, Takahashi F: On recoverability of brain function after ischemia. *Anesthesia & Réanimation Seminar* 8:83-90, 1977 [M]

68. Takahashi R, Masuko K, Mori H, Takahata Y, Muraki S, Shimoji K: Cerebral function, circulation and metabolism in hemorrhagic shock. *Jpn J Acute Med* 1:351-358, 1977 [O]

69. Shimoji K: Management of pain by electrical stimulation in clinical practice. *J Clin Anes* 1:332-333, 1977 [O]

70. Matsumoto I, Takatsuka E, Kumazawa T, Shimoji K, Ikezono E: Intermittent closed system of nitrous oxide anesthesia. *Jpn J Anes* 26:1113-1118, 1977 [O]

71. Maruyama M, Iwane T, Takahashi R, Shimizu H, Aida S, Matsuki M, Shimoji K: Difficulties in the removal of continuous epidural catheter -Report of three cases-. *Jpn J Anes* 26:1644-1647, 1977 [C]

72. Maruyama Y, Shimizu H, Shimoji K: Evoked spinal cord potential. *Clin Labor* 21:67-71, 1977 [R]

73. Maruyama Y, Shimizu H, Sato Y, Shimoji K, Kaieda R: Analgesic mechanism of morphine studied with human spinal cord potential. *Clin Pharmacol* 9:61-63, 1978 [O]

74. Shimizu H, Maruyama Y, Matsuki M, Shimoji K: Regional and blood-mediated effects of the epidural block. *Clin Pharmacol* 9:64-66, 1978 [O]

75. Kondo K, Harayama H, Tsubaki T, Shimizu H, Shimoji K, Maruyama Y, Sato Y: Evoked electrospinogram in patients suffering from motor neuron disease. In: *Studies on Etiology, Therapy and Prevention of Motor Neuron Diseases*, Ad Hoc Committee on Motor Neuron Disease Sponsored by Japanese Ministry of Welfare, 1978, pp17-21 [M]

76. Maruyama M, Sato K, Sato Y, Shimoji K: Hypotensive anesthesia using ATP.

Jpn J Anes 27:1533-1540, 1978 [O]

77. Shimoji K: Control and nursing of unconscious patients. In: Critical Care and Nursing, Yamamura H (ed), Life Science Center, Tokyo, 1978, pp207-272 [B]

78. Masuko K, Shimoji K: Viewpoints from anesthesiologist in the management of patients before, during and after surgery. In: Obstetrics, Gynecology and Anesthesiology, Sakamoto S, Kurachi K, Shinagawa N, Takeuchi S, Tojo S, Maeda K, Takeda Y (eds), Medical View Co., Tokyo, 1979, pp28-33 [B]

79. Shimoji K: Endogenous morphine-like substance and analgesic mechanism [1]. Jpn J Anes 28:223-234, 1979 [R]

80. Shimoji K, Maruyama M: Central nervous activity during anesthesia. Modern Clin Surg 10:125-149, 1979 [R]

81. Maruyama Y, Sato K, Kuribayashi H, Higuchi A, Shimoji K: Effect of naloxone on the delayed recovery and respiratory depression after surgery. J Clin Anes 3:555-561, 1979 [O]

82. Shimoji K: Endogenous morphine-like substance and analgesic mechanism [2]. Jpn J Anes 28:335-351, 1979 [R]

83. Maruyama Y, Shimoji K: Origin of the human evoked electrospinogram. Adv Neurol Sci 23:397-408, 1979 [R]

84. Maruyama M, Naito E, Mori H, Higuchi A, Muraki S, Hashiba S, Maruyama Y, Shimoji K, Sugita O: Effect of glutathione-H on blood concentrations of the released enzymes after cardiopulmonary bypass. J Clin Anes 3:709-715, 1979 [O]

85. Shimoji K, Maruyama M, Takahashi R, Masuko K, Hashiba M, Kuribayashi H: Central nervous system and hypoxia. Metabolism & Disease 16:2061-2074, 1979 [R]

86. Kondo K, Harayama H, Tsubaki T, Shimizu H, Maruyama Y, Sato Y, Shimoji K: Evoked electrospinogram (EESG) in amyotrophic lateral sclerosis - analysis of "segmental" and "ascending conductive" potentials. In: Studies on Etiology, Therapy and Prevention of Motor Neuron Diseases, Ad Hoc Committee on Motor Neuron Diseases Sponsored by Japanese Ministry of Welfare, Tsubaki T (ed), 1979, pp15-17 [M]

87. Shimizu H, Maruyama Y, Endoh H, Shimoji K: Interaction between human evoked electrospinogram elicited by segmental and descending volleys. Clin EEG 22:187-192, 1980 [O]

88. Shimoji K, Maruyama Y, Maruyama M: Effects of cerebral hypoxia on EEG and evoked potentials (I) Basic Problems. Clin Electroenceph 22:498-509, 1980 [R]

89. Maruyama Y, Shimoji K, Maruyama M: Effects of cerebral hypoxia on EEG and evoked potentials (II) Experimental hypoxia. Clin EEG 22:570-579, 1980 [R]
90. Maruyama Y, Shimizu H, Shimoji K: Effect of cerebral hypoxia on EEG and evoked potentials (III) Clinical consideration. Clin EEG 22:637-645, 1980 [R]
91. Ito Y, Nakanishi T, Takahashi R, Naito E, Shimoji K, Horikawa H: Energy metabolism during extracorporeal circulation – Studied from arterial, central venous and internal jugular bloods. J Clin Anes 4:291-296, 1980 [O]
92. Maruyama M, Higuchi A, Hashiba M, Shimoji K: On the problems of the measurement of cerebral blood flow with venous outflow method – . Modern Med 35:1312-1314, 1980 [O]
93. Shimoji K: Anesthetic accidents. In: Up-to-date Care, Ishiyama S, Hinohara S, Abe M (eds), Igakushoin, Tokyo, 1980, p36 [B]
94. Shimoji K, Kuribayashi H, Endoh H, Noguchi R, Naito E, Mori H: Effects of pentobarbital and ketamine anesthesia on the stroke model of gebil. In: Brain Ischemia & Cell Dysfunction – Roles of Superoxide and Free Radicals–, Asano T (ed), Neuron-sha, Tokyo, 1980, pp157-165 [O]
95. Shimoji K, Takeshita H: Practice of Emergency Medicine. Asakura-shoten, Tokyo, 1980 [B]
96. Ito Y, Kuze S, Sato Y, Masuda A, Naito E, Mori H, Shimoji K: Energy metabolism during intracranial surgery under hypothermia. J Clin Anes 4:1135-1140, 1980 [O]
97. Shimoji K, Shimizu H, Maruyama Y, Endoh H, Tsubaki T, Harayama H, Inuzuka T: Spinal cord diseases and evoked electrospinogram, In: Studies on Rehabilitation of Nerve-Muscle Diseases, Sponsored by Japanese Ministry of Welfare, Sasaki T (ed), Tokyo, 1980, pp141-146 [M]
98. Shimizu H, Maruyama Y, Endoh H, Shimoji K, Harayama H, Tsubaki T: Evoked electrospinogram in the patient with SMON, In: Ad Hoc Committee on SMON, Sponsored by Japanese Ministry of Welfare, Shigematsu I (ed), Tokyo, 1980, pp146-149 [M]
99. Maruyama Y, Shimizu H, Endoh H, Shimoji K, Harayama H, Shirakawa K, Kawase Y, Tsubaki T: Effects of epidural low-frequency stimulation in the patient with SMON. In: Ad Hoc Committee on SMON, Sponsored by Japanese Ministry of Welfare Shigematsu I (ed), Tokyo 1980, pp150-155 [M]
100. Ito Y, Kuze S, Sato Y, Kaiki G, Matsuki M, Shimoji K: Improvement by acupuncture of two cases of progressive systemic sclerosis. J Clin Anes 5:27-30, 1981

[C]

101. Matsuki M, Shimoji K: Physical stimulation therapy a) Stimulation analgesia (TENS, spinal cord stimulation). *Therapy* 6:375-379, 1981 [R]
102. Sasaki H, Naito E, Noguchi R, Matsuki M, Shimoji K, Ito S: Substance P in human plasma and the effects of anesthetics. *Jpn J Anes* 30:656-663, 1981 [O]
103. Tanno T, Shimoji K, Current problems and future tasks of medical education for the undergraduates – Personal opinion – . *Nihon-iji-shinpo* 206:25-28, 1981 [M]
104. Shimoji K: Central nervous system hypoxia. *Jpn Dental Anes Soc J* 9:9-18, 1981 [R]
105. Maruyama M, Naito E, Sasaki H, Shimoji K: Measurements of blood oxygen contents. In: *Clinical Laboratory Mook 5, Serum Electrolytes and Blood Gases*, Yamanaka M, Murachi T, Hayashi Y (eds), Kanehara-shuppan, Tokyo, 1981, pp162-175 [B]
106. Shimoji K, Hashiba M: Medical education in Japan viewed from teaching in anesthesiology. *Nihon-iji-shinpo* 2979:43-47, 1981 [M]
107. Maruyama Y, Shimoji K, Shimizu H, Matsuki M: The short-term and long-term effects of epidural stimulation in the patient with SMON. In: *Ad Hoc Committee on SMON*, sponsored by Japanese Ministry of Welfare, Shigematsu I (ed), Tokyo, 1981, pp111-115 [B]
108. Sato K, Muraki S, Fujita T, Noguchi R, Shimoji K: Effects of lidocaine on responses of the paraneuron producing secretin and SSK-PZ to intraluminal stimuli in the dog. *Brain & Nerve* 34: 375-381, 1982 [O]
109. Maruyama Y, Matsuki M, Shimizu H, Maeda K, Fujioka H, Shimoji K, Maruyama M: Pain -alleviating effects of the epidural stimulation – with parcutaneous and implantable devices (PISCES[®]) –. *Jpn J Anes* 31:122-128, 1982 [O]
110. Harayama H, Inuzuka T, Tsubaki T, Maruyama Y, Shimizu H, Shimoji K: Spinal evoked potentials in neurological diseases. –Correlation between clinical symptomes, sensory nerve conduction velocity and segmental spinal evoked potentials. *Clin EEG* 24:111-115, 1982 [O]
111. Hashiba M, Shimoji K: Practice in regional anesthesia. *Ther Obstetric Gyneco* 44:297-303, 1982 [R]
112. Ichikawa T, Naito E, Maruyama M, Shimoji K: Administration of large doses of glutathione-H in open-heart surgery under extracorporeal circulation. *J Clin Anes* 6:835-838, 1982 [O]

113. Shimoji K, Shimizu H, Maruyama Y, Fujioka H, Urano S: Spinal cord monitoring with evoked electrospinogram in spine and spinal cord surgery. In: Studies on Rehabilitation of Nerve-Muscle Diseases, sponsored by Japanese Ministry of Welfare, Sasaki T (ed), Tokyo, 1982, pp127-130 [M]
114. Shimizu H, Shimoji K: After the gate control theory. *J Clin Anes* 6:941-953, 1982 [R]
115. Endoh H, Ichikawa T, Yoshida N, Endoh K, Shimoji K, Maruyama M, Sato K: Anesthetic management of tension lung diseases in infant. *J Clin Anes* 6:1153-1156, 1982 [C]
116. Shimoji K: Pain management (1). *Nihon-iji-shinpo* 3054:24-30, 1982 [R]
117. Shimoji K: Pain management (2). *Nihon-iji-shinpo* 3057:25-31, 1982 [R]
118. Shimoji K, Shimizu H, Maruyama Y, Matsuki M, Tsubaki T, Harayama Y: Spinal cord potentials in patients with syphilitic meningitis and tabes dorsalis. In: Studies on Rehabilitation of Nerve-Muscle Diseases, sponsored by Japanese Ministry of Welfare, Sasaki T (ed), Tokyo, 1982, pp200-203 [M]
119. Maeda K, Shimizu H, Satomi N, Endoh K, Hashiba M, Shimoji K: Anesthesia in an infant with fetal hydantoin syndrome. *Jpn J Anes* 31:1260-1264, 1982 [C]
120. Shimoji K, Maruyama Y, Shimizu H, Matsuki M, Naito E: The long-term effects of spinal epidural stimulation in patients with sensory and motor disturbances. In: Res Project of SMON by Japanese Ministry of Welfare, Shigematsu I (ed), Tokyo, 1982, pp146-150 [M]
121. Shimoji K, Masuko K: Nerves activities related to anesthesia. In: New Anesthesia, Inada Y (ed), Ishiyaku-shuppan, Tokyo, 1982, pp1-21 [B]
122. Shimoji K, Endoh H, Satomi N, Shimizu H, Ishijima B, Shimizu H, Takahashi H: Is tolerance or dependence developed in patients with chronic pain? *J Chronic Pain Res* 1:21-30, 1982 [O]
123. Shimoji K: Current therapy of pain – Epidural spinal cord stimulation and dorsal root entry zone lesion –. *Hokuriku Anes J* 17:5-10, 1983 [R]
124. Endoh H, Naito E, Sato Y, Shimoji K: Effects of naloxone and morphine on survival rate of hypoxic mouse. *Igaku-no-Ayumi* 124:1068-1070, 1983 [O]
125. Hashiba M, Shimoji K: Naloxone. *Respiration* 2:226-232, 1983 [R]
126. Shimoji K: Characteristics of post-operative pain. *Med Tribune*, Sept 1, 1983, pp27-28 [R]

127. Oyama T, Miyake T, Dan K, Takahashi K, Shimoji K: Debates on the 30th annual meeting of Jpn Anes Soc. *J Clin Anes* 7:981-997, 1983 [R]
128. Shimoji K, Matsuki M, Naito E, Yoshida N, Satomi N, Endoh H, Maruyama Y, Hashiba M: Pain alleviating mechanism of epidural dorsal column stimulation in man – changes in concentrations of β -endorphin, substance P, catecholamines and cyclic nucleotides in cerebrospinal fluid. *Jpn J Anes* 32:914-923, 1983 [O]
129. Kano T, Shimoji K: Fundamentals of electronarcosis and physiology of electrical management of pain. *Physical & Occupational Therapies* 17:613-621, 1983 [B]
130. Shimoji K, Naito E, Matsuki M, Yoshida N, Maruyama Y, Hashiba M, Fujioka H: Changes in transmitter candidates in CSF by epidural spinal cord stimulation. In: *Res Project of SMON by Japanese Ministry of Welfare*, Sofue I (ed), Tokyo, 1983, pp156-161 [M]
131. Matsuki M, Shimoji K: Stimulation produced analgesia. In: *Handbook of Gerontology Vol 16, Pain Clinic*, Suzuki H (ed), Institute of Information Development, Tokyo, 1983, pp145-173 [B]
132. Shimoji K: Mechanism of anti-nociceptive effect of physical therapy. *The 6th Academic Central Seminar of SSP, SSP Therapy Inst*, Tokyo, 1983, pp49-64 [R]
133. Maruyama Y, Shimoji K: Pain and sensory physiology. In: *New Clinical Anesthesia*, Yamamura H, Aochi O, Yoshitake J, Amaha K, Mori K, Suwa K (eds), Kanehara-shuppan, Tokyo, 1983, pp68-112 [B]
134. Shimoji K: Neuroleptanesthesia. In: *Encyclopedia of Medical Sciences Vol. 36*, Kodansha, Tokyo, 1983, pp109-110 [B]
135. Shimoji K: Studies on clinical application of human spinal cord potential recorded from the epidural space. *J Jpn Med Soc* 91:513-520, 1984 [R]
136. Maruyama Y, Shimoji K: Antinociceptive effect of epidural spinal cord stimulation. *Clin Neurosci* 2:114-115, 1984 [O]
137. Shimoji K: Stimulation produced analgesia (SPA). *Pain Clinic (Surgical Mook No. 36)*, Wakasugi B (ed), Kanehara-shuppan, Tokyo, 1984, pp1-10 [B]
138. Shimizu H, Shimoji K: Spinal cord evoked potentials. In: *Rehabilitation Neurology*, Fukui K (ed), Ishiyaku-shuppan, Tokyo, 1984, pp76-96 [B]
139. Shimoji K, Maruyama Y, Shimizu H: Brain injury following resuscitation. *Resuscitation* 2:45-49, 1984 [O]

140. Shimoji K, Maruyama Y, Fujioka H, Shimizu H: Effects of ischemia on nerve action potential, spinal cord potential and blood chemistry. In: Res Project of SMON by Japanese Ministry of Welfare, Sofue I (ed), Tokyo, 1984, pp138-144 [M]
141. Hashiba M, Shimoji K: Anti-depressants and CNS stimulants. In: Drug Therapy during Perioperative Periods, Suwa K, Nishitaten K (eds), Nanzando, Tokyo, 1984, pp337-349 [B]
142. Shimoji K, Matsuki M, Maruyama Y: Long-term effects of epidural spinal cord stimulation in patients with SMON. In: Res Project of SMON by Japanese Ministry of Welfare, Sofue I (ed), Tokyo, 1984, pp406-411 [M]
143. Fujioka H, Shimizu H, Maruyama Y, Taga K, Kumagai Y, Shimoji K, Honma T, Nakamura K, Takahashi H: The effects of enflurane on somatosensory evoked responses simultaneously recorded from brain, spinal cord and peripheral nerve in man. *Jpn J Anes* 33:698-702, 1984 [O]
144. Maruyama M, Fujioka H, Maruyama Y, Shimoji K: Anesthetic management during surgery on brain tumor. *Circulation Control* 5:314-322, 1984 [O]
145. Shimoji K: Review on the 18th conference of pain clinic. *J Clin Anes* 8:1331-1332, 1984 [R]
146. Maruyama Y, Shimoji K: Intraspinal mechanism of pain. In: Introduction to Oriental Medicine, Takagi K, Yamamura H (eds) Igaku-shoin, Tokyo, 1984, pp160-170 [B]
147. Suwa K, Kubota Y, Yamamoto T, Furukawa K, Nomura M, Shimoji K, Kikuchi M: Before Acceptance of Anesthesia, Kokuseido-shuppan, Tokyo, 1984 [B]
148. Maruyama M, Takada T, Noguchi R, Shimoji K: Monitoring and treatments of air embolism - From the standpoint of anesthesiologists. *J Clin Anes* 8:1485-1490, 1984 [O]
149. Kano T, Shimoji K: Other methods of general anesthesia (A) Hypnotism (B) Electroanesthesia. In: New Clinical Anesthesia Vol. 3 (A), Yamamura H, Aochi O, Yoshitake J, Amaha K, Mori K, Suwa K (eds), Kanehara-shuppan, Tokyo, 1984, pp227-260 [B]
150. Ishijima B, Shimizu H, Takahashi H, Yasue S, Shimizu H, Shimoji K: Dorsal root entry zone-tomy and trigeminal spinal nucleotomy for deafferented pain with the consideration of the pain modulation mechanisms in the dorsal horn. *Neurosurgeon* 4:1-12, 1985 [O]
151. Shimoji K: Electrode positions and sites of stimulation in epidural spinal cord stimulation. *J Clin Anes* 9:243-247, 1985 [O]

152. Shimoji K, Maruyama Y: Pain-mechanism of transmission and inhibition. *Mebio* 2:22-40, 1985 [R]
153. Maruyama Y, Fujioka H, Taga K, Sato Y, Shimoji K: Positive cord dorsum potentials evoked by fore- and hindpaws in the rat. In: *Mechanisms of intractable neurological diseases*, Res Project of Japanese Ministry of Education, Science and Culture, Toyokura Y (ed), 1985, pp480-485 [M]
154. Shimoji K, Maruyama Y, Matsuki M, Yoshida N, Fujioka H, Shimizu H: On the mechanisms of pain alleviating effect of epidural spinal cord stimulation in man. In: *Mechanisms of intractable neurological diseases*, Res Project of Japanese Ministry of Education, Science and Culture, Toyokura Y (ed), 1985, pp616-619 [M]
155. Shimoji K, Maruyama Y, Shimizu H, Fujioka H, Taga K, Matsuki M, Hashiba M: Monitoring of brain and spinal cord function during anesthesia. *Nihon-iji-shinpo* 3186:24-31, 1985 [R]
156. Maruyama Y, Shimoji K: Pain management by epidural spinal cord stimulation. *Cancer Clinic* 31:729-735, 1985 [R]
157. Fujita S, Naito E, Sato Y, Endoh H, Shimoji K: Effect of hypoxia on the contents of endogenous opioid peptides and cyclic nucleotides in rat brain. *Jpn J Anes* 34:767-772, 1985 [O]
158. Shimizu H, Shimoji K: Spinal electroanalgesia. In: *New Clinical Anesthesia* Vol. 5, Yamamura H, Aochi O, Yoshitake J, Amaha K, Mori K, Suwa K (eds), Kanehara-shuppan, Tokyo, 1985, pp47-60 [B]
159. Maruyama M, Naito E, Shimoji K: Blood gases. In: *Clinical Laboratory Tests Mook*, Kanehara-shuppan, Tokyo 1985, pp143-158 [B]
160. Hashiba M, Honda Y, Saito Y, Fujita S, Maruyama Y, Shimoji K: Anesthesia for a silent pseudocholinesterase carrier. *Jpn J Anes* 34:1127-1130, 1985 [C]
161. Shimoji K, Maruyama Y, Endoh H, Fujioka H, Fujiwara N, Denda S, Ogata M, Morioka M: Dysesthesia induced by ischemia and its physiological background. In: *Res Project of SMON by Japanese Ministry of Welfare*, Sofue I (ed), Tokyo, 1985, pp192-197 [B]
162. Shimoji K, Maruyama Y, Fujioka H, Sato K: Brain and spinal cord monitoring during surgery. *J Clin Anes* 9:1361-1372, 1985 [R]
163. Maruyama Y, Shimoji K: Spinal anesthesia. *Clin Neurosci* 3: 27-29, 1985 [R]
164. Maruyama Y, Fujioka H, Taga K, Sato Y, Shimoji K: Descending spinal cord potentials produced by electrical stimulation of paws and spinal cord. In: *Mechanisms*

of Intractable Neurological Diseases, Res Project of Japanese Ministry of Education, Science and Culture, Toyokura Y (ed), 1986, pp505-511 [M]

165. Shimoji K: Review on the 5th Annual Meeting of Jpn Soc Clin Anes. J Clin Anes 10:127, 1986 [R]

166. Fujioka H, Maruyama Y, Shimoji K: Anesthesia and electroencephalography - EEG of barbiturates. Clin EEG 28:45-52, 1986 [R]

167. Fujioka H, Maruyama Y, Shimoji K: Anesthesia and electroencephalography - EEG of ketamine. Clin EEG 28:128-134, 1986 [R]

168. Fujioka H, Maruyama Y, Shimoji K: Anesthesia and electroencephalography - EEG of neuroleptanalgesia. Clin EEG 28:197-203, 1986 [R]

169. Fujioka H, Maruyama Y, Shimoji K: Anesthesia and electroencephalography - EEG of halothane. Clin EEG 28:274-279, 1986 [R]

170. Fujioka H, Shimoji K, Maruyama Y, Urano S: Anesthesia and electroencephalography - EEG of enflurane (Ethrane[®]). Clin EEG 28:347-352, 1986 [R]

171. Fujioka H, Shimoji K, Sato Y, Urano S, Maruyama Y: Anesthesia and electroencephalography - EEG of N₂O and isoflurane. Clin EEG 28:420-427, 1986 [R]

172. Shimoji K: Mechanism of anesthesia - From neurophysiological standpoint - Anesthesia & Resuscitation 22:189-203, 1986 [R]

173. Shimizu H, Shimoji K: Pain management by epidural spinal cord stimulation. Igaku-no-Ayumi 138:657-662, 1986 [O]

174. Shimoji K, Maruyama Y, Fujioka H, Takada T: Dysesthesia and electrophysiological changes induced by tourniquet ischemia - Effect of blood shedding. In: Res Project of SMON by Japanese Ministry of Welfare, Sofue I (ed), Tokyo, 1986, pp109-112 [M]

175. Noguchi Y, Sato K, Shimoji K: Anesthesia experience of a patient with Goldenhar syndrome. J Clin Anes 10:1401-1402, 1986 [C]

176. Shimoji K, Fujiwara N, Sato Y: Development of systems and electrodes for simultaneous measurements of tissue blood flow, tissue Po₂ and electrical events. Pathophysiology 5:876-880, 1986 [O]

177. Takada T, Noguchi R, Shimoji K: Anesthetic management of a neonate patient with nonimmunologic hydrops fetalis complicated with gastric rupture. Jpn J Anes 35:1890-1895, 1986 [C]

178. Shimizu H, Shimoji K: Epidural recording of spinal cord potentials. In: Brain and Spinal Cord Evoked Potentials, Nakanishi T (ed), Asakura-shoten, Tokyo, 1986, pp175-192 [B]
179. Hokari T, Shimoji K, Maruyama M: Respiratory management using a double-lumen intratracheal tube in a patient with bronchial stenosis caused by metastasis of cancer. ICU & CCU 11:67-71, 1987 [C]
180. Shimoji K, Maruyama M, Fujioka H, Takada T, Hokari T, Shimizu H: Ascending and descending impulse conduction through the spinal cord. Clin EEG 29:79-86, 1987 [M]
181. Kitahara T, Fukuda M, Matsuki M, Shimoji K, Takeshige T: Anesthetic management of a patient with platelet cyclooxygenase deficiency. Jpn J Anes 36:261-265, 1987 [C]
182. Fujioka H, Takada T, Denda S, Shimoji K: Pain, dysesthesia and electrophysiological changes by tourniquet ischemia - Effect of blood shedding. In: Mechanisms of Intractable Neurological Diseases, Res Project of by Japanese Ministry of Education, Science and Culture, Toyokura Y (ed), Tokyo 1987, pp422-427 [M]
183. Fujioka H, Takada T, Abe T, Shimoji K: Effect of isoflurane on human cerebral and spinal cord evoked potentials. Basic & Clinical Med 21:153-156, 1987 [O]
184. Shimoji K: Pain alleviating effect of epidural spinal cord stimulation - A review. In: Mechanisms of Intractable Neurological Diseases, Res Project of by Japanese Ministry of Education, Science and Culture, Toyokura Y (ed), Tokyo, 1987, pp117-129 [R]
185. Inada Y, Ikeda K, Mori K, Morio M, Oyama T, Amaha K, Shimizu R, Fujita T, Suzuki H, Miyake T, Fujita M, Nagano M, Tanaka R, Shimoji K, Yamamoto M, Miyazaki M, Yoshiya I, Yoshitake J: Clinical investigations of a new inhalational anesthetic, sevoflurane (MR654) - Phase II studies at multiple institutes. Progress in Medicine 7:807-821, 1987 [O]
186. Endoh H, Shimoji K: Patient care during general anesthesia. In: Obstetrics and Gynecology Question and Answer, Kumasaka T, Iwata M (eds), Kanehara-shuppan, Tokyo, 1987, pp451-455 [B]
187. Sato K, Shimoji K: Epidural anesthesia. In: Obstetrics and Gynecology Question and Answer, Kumasaka T, Iwata M (eds), Kanehara-shuppan, Tokyo, 1987, pp456-460 [B]
188. Maruyama Y, Shimoji K: Stimulation produced analgesia. Signal Peptides, 1987, pp130 [M]

189. Inada Y, Ikeda K, Mori K, Morio M, Oyama T, Iwatsuki N, Suzuki H, Nagano M, Tanaka R, Fujita M, Miyake T, Shimoji K, Sato A: Clinical evaluation of sevoflurane vs enflurane -A multi-center well-controlled study-. *Jpn J Anes* 36:875-889, 1987 [O]
190. Shimoji K: Several problems during recording of spinal cord evoked potentials and perspectives. *Jpn J EEG & EMG* 15:251-254, 1987 [O]
191. Shimoji K: Report on the 9th annual meeting of spinal cord electrodiagnosis research society. *Jpn J EEG & EMG* 15:250, 1987 [R]
192. Shimoji K: Ambivalence of current medical practice and proposal of thanatology for medical education program. *Niigata Med Sch J* 101:52-53, 1987 [M]
193. Fujiwara N, Yuasa T, Hashiba M, Igarashi H, Shimoji K, Miyatake T: In vivo ^{13}C NMR spectroscopy - Detection of rat brain [1- ^{13}C] glucose. *Jpn J Mag Med* 7:74-78, 1987 [O]
194. Hokari T, Fujioka H, Shimoji K: Evoked potentials in response to trigeminal nerve stimulation. *Clin EEG* 29:659-664, 1987 [O]
195. Matsuki M, Kumagai Y, Fujita S, Sato Y, Hashiba M, Shimoji K: The effects of isoflurane on EEG, CBF and cerebral metabolic rates. *Jpn J Anes* 36:1747-1753, 1987 [O]
196. Kumagai Y, Sato K, Shimoji K: A case with suspected stone heart. *J Jpn Soc Clin Anes* 7:62-66, 1987 [C]
197. Maruyama Y, Fujioka H, Sato Y, Taga K, Nishimura Y, Shimoji K: The effect of isoflurane on evoked potentials from the brain and spinal cord in the rat. *Jpn J Anes* 36:1964-1970, 1987 [O]
198. Matsuki M, Shimoji K: Pain caused by ischemia. *Diagnosis and Therapy* 75:2871-2874, 1987 [R]
199. Takada T, Fujioka H, Urushibara N, Shimoji K, Maruyama Y: Effects of isoflurane on various evoked potentials. *J Electordiag Spinal Cord* 10:31-34, 1987 [O]
200. Inada Y, Ikeda K, Mori K, Morio M, Oyama T, Iwatsuki N, Shimizu R, Fujita T, Suzuki H, Miyake T, Fujita M, Nagano M, Tanaka R, Shimoji K, Yamamoto M, Miyazaki M, Yoshiya I, Oguri K, Yoshitake J, Gotoh Y: Clinical evaluation of sevoflurane -A multi-center clinical trial-. *Jpn J Anes* 36:866-874, 1987 [O]
201. Fujioka H, Takada T, Urano S, Sato Y, Shimoji K, Honma T, Maruyama Y:

Dorsal root entry zone lesion and spinal cord evoked potentials. *J Electordiag Spinal Cord* 10:63-66, 1987 [O]

202. Hokari T, Fujioka H, Takada T, Maruyama Y, Shimoji K: Evoked potentials recorded from cervical epidural space, cervical skin and scalp. *J Electordiag Spinal Cord* 10:121-124, 1987 [O]

203. Taga K, Hashiba M, Fujioka H, Shimoji K: A case report on general convulsion during and after enflurane anesthesia. *J Clin Anes* 11:1459-1463, 1987 [C]

204. Sato K, Noguchi R, Taga K, Shimoji K, Fujita T: Effects of halothane and ketamine on the canine duodenal paraneurons. *Jpn J Anes* 36:1082-1087, 1987 [O]

205. Noguchi R, Tomita Y, Hashiba M, Shimoji K: Anesthesia for a patient with hyperornithinemia-hyperammonemia-homocitrullinuria (HHH) syndrome. *Jpn J Anes* 37:86-92, 1988 [C]

206. Aida S, Ogata M, Tsubota T, Sato T, Shimoji K: Pain aggravation following epidural block in two cases. *Pain Clinic* 9:383-388, 1988 [C]

207. Tsukui A, Hashiba M, Honda T, Abe T, Shimoji K: Annual changes in anesthetic methods during these 20 years. *J Clin Anes* 12:806-808, 1988 [O]

208. Shimoji K: Pain management with epidural spinal cord stimulation. *Jpn Germ Med J* 33:75-83, 1988 [R]

209. Hokari T, Fujioka H, Takada T, Shimoji K: Evoked potentials recorded from upper cervical epidural space in response to I, II and III branches of trigeminal nerves. *Clin EEG* 30:99-103, 1988 [O]

210. Matsuki M, Hokari T, Nishimura Y, Shimoji K: Pain clinic at the department of Anesthesiology, Niigata University Hospital. *Pain Clinic* 9:259-262, 1988 [M]

211. Shimoji K, Fukuda S, Fujioka H, Matsuki M, Fujiwara N, Kawashima M: Development of fine fiberscope for subarachnoid and epidural spaces. *J Jpn Soc Clin Anes* 8:123-128, 1988 [O]

212. Maruyama Y, Shimoji K: Stimulation produced analgesia. *Current Ther* 6:60-64, 1988 [R]

213. Shimoji K, Maruyama Y, Shimizu H, Takada T, Fukuda S, Fujihara H: Monitoring of brain and spinal cord functions in operating room and intensive care unit. *Jpn J Anes* 37:1300-1313, 1988 [R]

214. Hokari T, Fukuda S, Shimoji K: Acute pain and chronic pain. *Mordern Med* 43:2373-2377, 1988 [R]

215. Maruyama Y, Shimoji K: Effects of drugs on dorsal horn neurons. *Igaku-no-Ayumi* 147:227-229, 1988 [O]
216. Shimizu H, Shimoji K: Progress in CNS monitoring in ICU. *Igaku-no-Ayumi* 147:752, 1988 [R]
217. Matsuki M, Tsukui A, Morioka M, Fujioka H, Shimoji K: Deep neck infection following trigeminal nerve block. *Pain Clinic* 9:525-528, 1988 [C]
218. Hokari T, Fujioka H, Shimoji K, Takada T, Maruyama Y: Hetero-segmental spinal evoked potentials in man. *J Electordiag Spinal Cord* 11:57-60, 1988 [O]
219. Taga K, Fujioka H, Morioka M, Matsuki M, Shimoji K, Honma T: Complete relief of pain and edema after the dorsal root entry zone lesion in a patient with reflex sympathetic dystrophy. *Pain Clinic* 9:224-228, 1988 [C]
220. Sato K, Noguchi R, Taga K, Shimoji K, Fujita T: Effects of halothane and isoflurane on the canine duodenal paraneurons. *Brain & Nerve* 40:485-490, 1988 [O]
221. Fukuda S, Tanaka T, Fujihara H, Yamagishi M, Watanabe I, Shimoji K, Yoshikawa K: Mechanical ventilation for patients with acute respiratory failure. *Niigata Med J* 102:627-629, 1988 [R]
222. Shimoji K: Review on the international symposium on brain resuscitation. *J Clin Anes* 12:1673, 1988 [R]
223. Takada T, Fujioka H, Fujihara H, Shimoji K, Maruyama Y, Urushibara N: The effects of hypothermia and hypoperfusion by cardiopulmonary bypass on SEPs recorded from retropharyngoesophageal surface and the scalp. *J Electordiag Spinal Cord* 11:95-98, 1988 [O]
224. Shimoji K (ed): *Fundamentals and Practices in Pain Clinic*. Shinko Igaku-Shuppan, Tokyo, 1988 [B]
225. Kano T, Shimoji K: Pain treatment by electrical stimulation. In: *Pain-Basics and Clinic*, Takakura K, Mori K, Sato A (eds), Asakura-shoten, Tokyo, 1988, pp428-437 [B]
226. Shimoji K, Matsuki M, Fujioka H, Fukuda S, Hokari T, Taga K: Epidural spinal cord stimulation methods. *Pain Clinic* 9:17-30, 1988 [O]
227. Tsukui A, Shimoji K: New narcotics. In: *Annual Review - Respiration* 1988, Ohta Y, Suwa K, Horie T, Yoshimura H (eds), Chugai-igaku, Tokyo, 1988, pp225-230 [B]

228. Warashina A, Fujiwara N, Shimolji K: Characteristics of bradykinin-evoked secretory response in the perfused rat adrenal medulla. *Biomedical Research* 9:139-145, 1988 [O]
229. Morioka M, Shimoji K: Review on the 4th Japan society for electrotherapy. *Pain Clinic* 10:142, 1989 [R]
230. Shimoji K: Brain resuscitation - from the international symposium on brain resuscitation. *J Clin Anes* 13:153-162, 1989 [R]
231. Kumagai Y, Shimoji K: Review on the 10th annual meeting of Japan society of pain. *J Clin Anes* 13:278, 1989 [R]
232. Takeshita H, Takeuchi K, Shimoji K, Kogure K, Manaka N, Ohama K: Current progress of brain resuscitation in Japan. *Nihon-iji-shinpo* 3391:43-49, 1989 [R]
233. Hokari T, Morioka M, Hara Y, Fujihara H, Shimoji K: A case report on contralateral blepharospasm after stellate ganglion block. *Pain Clinic* 10:381-383, 1989 [C]
234. Noguchi R, Ogata M, Shimoji K: Death after delayed recovery and respiratory failure following the injection sclerotherapy in a small infant under general anesthesia. *Jpn J Anes* 38:945-951, 1989 [O]
235. Hokari T, Kumagai Y, Morioka M, Fukuda S, Shimoji K, Matsuki M: Therapy and prognosis of reflex sympathetic dystrophy. *J Clin Anes* 13:1103-1106, 1989 [O]
236. Endoh H, Watanabe S, Yamagishi M, Maruyama M, Aoki E, Shimoji K: An unusual complication of multiple cannulation into internal jugular vein -catheter failure-. *ICU & CCU* 13:741-745, 1989 [C]
237. Morioka M, Hokari T, Shimoji K, Hara Y: Clinical experience with a portable patient controlled analgesia device in the pain clinic ward: Report of two cases. *Pain Clinic* 10:538-539, 1989 [C]
238. Hokari T, Shimoji K: Reflex sympathetic dystrophy - Effects of spinal cord stimulation and dorsal root entry zone lesion. *Pain Clinic* 10:598-603, 1989 [O]
239. Taga K, Fukuda S, Nishimura Y, Tsukui A, Morioka M, Shimoji K: Endothelin. *J Clin Anes* 13:1397-1401, 1989 [R]
240. Fujiwara N, Yuasa T, Shimoji K: In vivo C-13 MMR study on glucose metabolism in rat brain. *Bunseki Kagaku* 38:T187-190, 1989 [O]
241. Noguchi R, Morioka M, Shimoji K, Narisawa R, Yagi M: Anesthetic management during endoscopic retrograde cholangiopancreatography in an infant. *J Clin Anes* 13:1373-1376, 1989 [C]

242. Shimoji K: Autotransfusion. *Nihon-iji-shinpo* 3422:27-34, 1989 [R]
243. Shimoji K: Atlas Anesthesia Vol I, Vol II, Kanehara-shuppan, Tokyo, 1989 [B]
244. Shimoji K: Anatomy for Anaesthetists, IVth, Ellis H, Feldman S (eds), Japanese Edition, Nishimura-shoten, Niigata, 1989 [B]
245. Warashina A, Fujiwara N, Shimoji K: Characteristics and muscarinic secretory responses in the rat adrenal medulla studied by real-time monitoring of catecholamine release. *Biomedical Research* 10:157-164, 1989 [O]
246. Kumagai Y, Taga K, Hokari T, Fujioka H, Matsuki M, Shimoji K, Honma T, Tsutsui T, Takeshita H, Tsuji C, Kosaka F: The effects of DREZ-lesions on intractable pain in patients with spinal cord injury. *Jpn J Anes* 39:632-638, 1990 [O]
247. Shimoji K: Endoscopy of epidural and subdural spaces. *Gakujutsu Geppo* 43:508, 1990 [O]
248. Sakuma K, Denda S, Fukuda S, Shimoji K, Yoshikawa K, Ichikawa K: Intensive care of a patient with severe anorexia nervosa. *ICU & CCU* 14:421-425, 1990 [C]
249. Shimoji K: Dorsal root entry zone lesion. *J Jpn Med Soc* 104:41, 1990 [R]
250. Yamakura T, Denda S, Morioka M, Endoh H, Fukuda S, Shimoji K: Anesthetic experience in a patient with galactosialidosis. *J Clin Anes* 14:970-974, 1990 [C]
251. Shimoji K: Progresses in Evoked Potentials, Nishimura-shoten, Niigata, 1990 [B]
252. Fukazawa T, Hashiba M, Shimoji K: Problems related to the use of infusion pumps. *Med Instr* 60:287-290, 1990 [R]
253. Hokari T, Shimoji K: Improvement of peripheral circulation by epidural spinal cord stimulation. *Clin Neurosci* 8:105, 1990 [C]
254. Kano T, Shimoji K: Physiological mechanism of pain and its application for pain treatment. *Therapy* 24:14-20, 1990 [R]
255. Hokari T, Shimoji K: Pain in patients with spinal cord injury and its therapy -differentiation pain and other syndromes. *Igaku-no-ayumi* 155:220-222, 1990 [R]
256. Yamakura T, Shimoji K: Diagnosis and monitoring of brain injury. *Inten Care* 2:1201-1209, 1990 [R]

257. Satomi K, Kumagai Y, Fukuda S, Shimoji K, Shinada S: Anesthetic experience in a patient carrying nonspecific antierythrocyte antibody. *J Clin Anes* 14:1429-1432, 1990 [C]
258. Onodera M, Fukuda S, Taga K, Denda S, Morioka M, Shimoji K, Hoshi E: Anesthesia for funnel chest. *Jpn J Anes* 39:1690-1693, 1990 [C]
259. Denda S, Tomita M, Fujihara H, Tobita T, Shimoji K: Effects of hypoxia on spinal cord potentials in the rat. *J Electordiag Spinal Cord* 12:57-60, 1990 [C]
260. Takada T, Fujihara H, Shimoji K: The effect of sevoflurane on evoked potentials from the brain and spinal cord in human. *J Electordiag Spinal Cord* 12:73-76, 1990 [O]
261. Denda S, Shimoji K: Spinal cord evoked potentials and sensory transmission. *Brain & Nerve* 42(12):1155-1165, 1990 [R]
262. Warashina A, Fujijwara N, Shimoji K: Bradykinin-induced calcium mobilization and catecholamine secretion in rat adrenal medullary cells. *Biomedical Research* 11: 219-229, 1990 [O]
263. Sakuma K, Hashiba M, Shimoji K: Two cases showing severe dyspnea during precurarization and priming with vecuronium. *Jpn J Anes* 40:483-485, 1991 [C]
264. Hokari T, Fujihara H, Yamakura T, Shimoji K, Nishida S: Improvement of edema in the lower extremity but sensory disturbance in a patient with reflex sympathetic dystrophy. *Pain Clinic* 12:221-224, 1991 [C]
265. Kano T, Shimoji K: Clinical Neurophysiology - Recent Tests and Clinical Application. In: Spinal evoked potential, Shimamura M, Shibasaki H (eds), Tokyo, Shinko-koeki, 1991, pp215-228 [B]
266. Shimoji K: Annual Meeting of Jpn Soc Anes - An overview. *Nihon-iji-shinpo* 3501:30-32, 1991 [M]
267. Shimoji K: Maintenance of cerebral circulation during surgery and anesthesia. *Jpn J Clin Anes* 11:19-28, 1991 [R]
268. Shimoji K, Fujiwara N, Endoh H, Abe T: Experimental ischemia model using brain slices. *Pathophysiology* 10:343-350, 1991 [R]
269. Denda S, Sakuma K, Satomi K, Fujiwara N, Fukuda S, Shimoji K: Anesthesia experience in a patient undergoing bilateral pheochromocytoma. *J Clin Anes* 15:397-399, 1991 [C]
270. Denda S, Sakuma K, Satomi N, Fujiwara N, Fukuda S, Shimoji K: Anesthetic

management of pheochromocytoma by continuous intravenous injection of prostaglandin E1. *Jpn J Anes* 40(6):972-977, 1991 [O]

271. Tsukui A, Fukuda S, Ogata M, Ogawa M, Shimoji K: Anesthetic management of dilated cardiomyopathy. *Current Med* 23:123-125, 1991 [C]

272. Shimoji K, Tomita M, Denda S, Hokari T, Takada T, Fujioka H, Tohyama M, Sato Y, Fukuda S: Functional diagnosis of spinal cord -Basic and clinical problems. *Clin EEG* 33:655-666, 1991 [R]

271. Hokari T, Shimoji K: Pain management strategy for head and facial pain -Approach from pain clinic. *Igaku-no-Ayumi* 158:842-845, 1991 [R]

272. Shimoji K, Hinuma Y: Survey on anesthesiology, Japanese Medical Status in the World. *Saishin-igaku* 46:109-121, 1991 [B]

273. Baba H, Kumagai Y, Satomi K, Fukuda S, Shimoji K: Anesthesia for patients with scoliosis -Preoperative respiratory function, surgical methods and preoperative blood gas analysis. *J Clin Anes* 15:1289-1292, 1991 [R]

274. Baba H, Noguchi R, Tohyama M, Tobita T, Shimoji K: Anesthetic experience in a patient with broncho-cutaneous fistula. *J Clin Anes* 15:789-790, 1991 [C]

275. Hokari T, Tomita M, Denda S, Sakuma K, Shimoji K: Measurement of central and peripheral motor conduction velocities by magnetic stimulation. *J Electordiag Spinal Cord* 13:130-133, 1991 [O]

276. Tomita M, Denda S, Nagata Y, Sato Y, Shimoji K: Spinal cord potential and diaphragm electromyogram in a patient with intramedullary cervical cord tumor, suffering from postoperative diaphragm paralysis. *J Electrodiag Spinal Cord* 13:158-161, 1991 [C]

277. Hokari T, Shimoji K: Stimulation-produced analgesia. *Nurse Tech* 38:48-52, 1992 [M]

278. Shimoji K, Hokari T, Denda S, Tomita M: Evoked potentials -From basic science to clinical application, In: *Spinal Cord Evoked Potential*, Shimoji K (ed), Nishimura-shoten, Tokyo, 1992, pp174-188 [M]

279. Fujihara H, Fukuda S, Fujiwara N, Taga K, Shimoji K: Image analysis of intracellular Ca^{2+} of vascular smooth muscle cell by fura-2. *Jpn J Anes* 41:270-273, 1992 [O]

280. Shimoji K, Hokari T: Pain therapy. *Brain Nursing* 8:472-477, 1992 [R]

281. Shimoji K: Evoked spinal cord potentials. *J Jpn Orthop Assoc* 66:S1274, 1992

[R]

282. Shimoji K: Spinal cord evoked potentials, symposium 3, the 12th Spinal Cord Symposium: Electrical Diagnosis of Spinal Cord Diseases -Its value and perspective. Jpn Germ Med J 37:71, 84-86, 1992 [R]
283. Tomita M, Sakuma K, Shibue C, Shimoji K: Isoflurane anesthesia for neurosurgery. Jpn J Anes Pharmacol 5:49-51, 1992 [C]
284. Denda S, Tomita M, Shimoji K: EEG in a patient with Lennox-Gastaut syndrome under general anesthesia. Clin EEG 34:406-410, 1992 [C]
285. Hokari T, Tomita M, Shimoji K: Epidural spinal cord stimulation. J Clin Anes 16:1149-1157, 1992 [R]
286. Hokari T, Shimoji K: Stimulation -produced analgesia. Curr Ther 10:24-29, 1992 [R]
287. Denda S, Hokari T, Tomita M, Shimoji K: Motor evoked potentials from the epidural space in response to transcranial magnetic stimulation. J Electordiag Spinal Cord 14:84-88, 1992 [O]
288. Tomita M, Denda S, Shimoji K, Uchiyama S: Origins of spinal cord potentials produced by descending volleys from the epidural space in man. J Electordiag Spinal Cord 14:112-115, 1992 [O]
289. Baba H, Sato Y, Shimoji K, Yoshimura M, Higashi H: Electrophysiorosical phenomena recorded from spinal cord slice preparation in adult rat. J Electordiag Spinal Cord 14:120-123, 1992 [O]
290. Yamakura T, Tohyama M, Noguchi R, Shimoji K: Laparoscopic cystectomy and arterial carbon dioxide tension. Clin Anes 16:1265-1268, 1992 [O]
291. Denda S, Endoh H, Fukuda S, Shimoji K, Honda T, Sato K: Disturbance of cerebral perfusion detected by transcranial doppler during ope heart surgery. Clin Anes 16:1617-1619, 1992 [C]
292. Denda S, Shimoji K, Sato K, Honda T: EEG, SSEP and ABR in patients with disturbance of consciousness and delayed recovery after heart surgery. Clin Electroencephal 34:687-691, 1992 [C]
293. Fujiwara N, Abe T, Honda T, Shimoji K: Changes in intracellular pH, intracellular Ca^{2+} and synaptic activity in hippocampal slices exposed to hypoxia: Simultaneous recording of synaptic activity and intracellular pH or Ca^{2+} . Brain Hypoxia 7:11-17, 1993 [O]

294. Hokari T, Tomita M, Shimoji K: Epidural spinal cord stimulation for management of spastic or convulsive diseases. *Neurosurg Lett* 3(3):179-182, 1993 [O]
295. Tomita M, Shimoji K: Introduction and problems of epidural spinal cord stimulation device. *Jpn J Med Instr* 63:128-133, 1993 [R]
296. Endoh H, Abe T, Tsukui A, Watanabe S, Shimoji K: The effects of hemodilution on cerebral hemodynamics and oxygen consumption during nonpulsatile hypothermic cardiopulmonary bypass. *Jpn J Anes* 42:376-381, 1993 [O]
297. Takada T, Baba H, Tobita T, Kokubun S, Shimoji K: Evaluation of the reproducibility of F-wave in relation to stimulation condition. *Clin EEG* 35:302-309, 1993 [O]
298. Noguchi R, Masaki H, Yamakura T, Shimoji K, Tohyama M: Anesthesia experience in a child with subglottic stenosis. *J Clin Anes* 17:473-475, 1993 [C]
299. Tsukui A, Toriumi T, Watanabe S, Tobita T, Fukuda S, Shimoji K: Anesthetic management during implantation of AICD. *J Clin Anes* 17:609-611, 1993 [O]
300. Endoh H, Shimoji K: Cardiac massage, In: *Current Internal Medicine, Vol. 5, Standard Critical Care*, Nakayama-shuppan, Tokyo, 1993, pp20-23 [B]
301. Okada K, Ogawa R, Hosoyamada A, Okumura F, Kumazawa T, Miyao H, Kenmotsu O, Namiki A, Matsuki A, Okuaki A, Goto F, Shimoji K, Murakami S, Ito Y, Yoshiya I, Hirakawa M, Takaori M, Sato T, Yoshitake J, Morioka T, Yamamura H, Hanaoka K: Clinical trial of GA-1086 injection (half solution) for perioperative use – Multicenter comparative study with Veen-D Inf[®]-. *Rinsho-Igaku* 9:1409-1427, 1993 [C]
302. Noguchi R, Fujihara H, Shimoji K: Anesthesia experience in a new born with severe pulmonary valve stenosis during balloon valvuloplasty. *Jpn J Anes* 42:1205-1211, 1993 [C]
303. Tsukui A, Sato K, Miyata R, Shimoji K: A case report on pulmonary edema occurred immediately after placement of the stent at the tracheal stenosis site. *ICU & CCU* 17:901-904, 1993 [C]
304. Hokari T, Watanabe S, Tomita M, Shimoji K: A complete relief of painful tonic seizure by epidural spinal cord stimulation. *Pain Clinic* 14:705-708, 1993 [C]
305. Aida S, Kouno T, Tomita M, Shimoji K: An inter-vastorectal approach for the knee synovial cavity puncture. *Pain Clinic* 14:886-888, 1993 [O]
306. Tobita T, Tomita M, Takada T, Uchiyama S, Shimoji K: Effects of anesthetic

drugs on spinal cord potentials produced by descending volleys. J Electrodiagnosis Spinal Cord 15:34-37, 1993 [O]

307. Baba H, Yoshimura M, Shimoji K: Synaptic responses produced in adult rat substantia gelatinosa neurons in vitro. J Electrodiagnosis Spinal Cord 15:50-53, 1993 [O]

308. Noguchi R, Shimoji K: Should atropine be premedicated before spinal anesthesia? Clin Anes 18:516-517, 1994 [R]

309. Shimoji K: Brain ischemia – up date. Intensive Care 6:S175-S184, 1994 [R]

310. Takada T, Maruyama Y, Fujioka H, Shimoji K: Evoked potentials. Ope Nursing Spring edition:145-158, 1994 [R]

311. Honda T, Fujiwara N, Abe T, Shimoji K: Inhibitory effect of prior mechanical injury on ischemia-induced increase in $[Ca^{2+}]_i$ in mouse hippocampal slices. Brain Hypoxia 8:63-68, 1994 [O]

312. Tsukui A, Tanaka T, Noguchi R, Morioka M, Fukuda S, Shimoji K: Anesthetic management of a neonate with huge neck tumor. J Clin Anes 18:969-970, 1994 [C]

313. Shimoji K: Pain relief by spinal cord stimulation. Jpn J Anes 43(Suppl):S67-S76, 1994 [R]

314. Watanabe I, Maruyama M, Nishimura Y, Ebine Y, Miida T, Hirose Y, Shimoji K: Emergency therapy of sever methohemoglobinemia -Effective treatment by mthylene blue and exchange blood transfusion in a case. Acute Medicine 18:1125-1127, 1994 [C]

315. Denda S, Kono T, Kokubun S, Toyama M, Shimoji K: Respiratory function after laparoscopic cholecystectomy in the obese patient. J Clin Anes 18:1683-1686, 1994 [C]

316. Tobita T, Shimoji K: Effects of ketamine on spinal and muscular motor evoked potentials induced with transcranial magnetic stimulation. J Electrodiagnosis Spinal Cord 16:51-53, 1994 [O]

317. Baba H, Shimoji K, Yoshimura M, Yajiri Y: Long lasting slow inhibitory postsynaptic potential recorded in substantia gelatinosa neurons. J Electrodiagnosis Spinal Cord 16:9-11, 1994 [O]

318. Tomita M, Shimoji K: Pain treatment of pancreatic cancer. Livr, Bladder and Pancreas 30:691-696, 1995 [R]

319. Shimoji K: Epidural spinal cord stimulation for management of several pathological states other than pain. *Pain Clinic* 16:185-194, 1995 [R]
320. Tomita M, Tobita T, Denda S, Uchiyama S, Shimoji K: Spinal cord monitoring during surgery for cervical intramedullary spinal cord tumors. *Clin Electroencephal* 37:128-131, 1995 [C]
321. Fujiwara N, Ebine Y, Shimoji K: Mild acidosis inhibits damage of hippocampal neurons produced by oxygen-glucose deprivation. *Brain Hypoxia* 9:63-67, 1995 [O]
322. Tsukui A, Shimoji K: Brain death committees in University hospitals in Japan. *Jpn J Anes* 44:895-897, 1995 [R]
323. Shimoji K, Hirasawa H: *Current Acute Medicine*, Saishin-Igaku, Osaka, 1995 [B]
324. Denda S, Shimoji K: CNS Monitoring: Evoked potentials. *Shindan to Chiryō* 83:1082-1090, 1995 [R]
325. Watanabe I, Noguchi R, Morioka M, Waguri N, Shimoji K: Anesthetic management for bronchofiberscopy and esophageal manometric study in a patient with CHARGE association. *Jpn J Anes* 44:1010-1013, 1995 [C]
326. Fujioka H, Shimoji K: Drugs with their dosages used in acute medicine, In: *Current Acute Medicine*, Shimoji K and Hirasawa H (eds), Saishin-Igakusha, Osaka, 1995, pp745-754 [B]
327. Tomita M, Denda S, Tobita T, Shimoji K: Monitoring of motor evoked potential. *Anesthesia Today* 4:608-613, 1995 [R]
328. Baba H, Yoshimura M, Okamoto M, Shimoji K: Noradrenaline facilitates inhibitory transmitter release in rat spinal dorsal horn. *J Electrodiagnosis Spinal Cord* 17:1-4, 1995 [M]
329. Denda S, Baba H, Okamoto M, Tomita M, Hayatsu K, Chen T, Shimoji K: Feeding back central nuclei and ascending and descending spinal pathways in heterosegmentally actiated slow positive potentials in rat. *J Electrodiagnosis Spinal Cord* 17:101-104, 1995 [M]
330. Denda S, Honda T, Sato K, Shimoji K: A case progressively showing a giant SEP. *Clin Electroencephal* 37:636-639, 1995 [C]
331. Sakuma K, Fukuda S, Shimoji K: The effects of prostaglandin E1 and epidural anesthesia on peripheral blood flow. *Jpn J Anes* 44:1350-1355, 1995 [O]
332. Kinoshita H, Fukuda S, Ataka T, Watanabe I, Shimoji K: Problems of

commercially available heparinized syringes in measurements of blood gases and electrolytes. *Jpn J Anes* 44:1563-1567, 1995 [O]

333. Yamakura T, Mori H, Sakimura K, Mishina M, Shimoji K: Anesthetics and glutaminergic receptor channel. *Jpn J Anes* 44(Suppl):S121-124, 1995 [O]

334. Endoh H, Shimoji K: New options for mechanical ventilatory management. *Surg Therapy* 73:657-664, 1995 [R]

335. Okura Y, Fujiwara N, Ono K, Yoshida S, Tanaka R, Shimoji K: Analysis of cytosolic calcium in a neural apoptosis model. *Clin Immu Res* 8:249-253, 1995 [O]

336. Nagata Y, Maruyama M, Hirose Y, Onishi Y, Haraguchi T, Nishimura N, Shimoji K: Prolonged muscle paralysis after long-term infusion of muscle relaxants and large doses of steroids. *Jpn J Anes* 44:114-118, 1995 [C]

337. Fukuda S, Denda S, Endoh H, Shimoji K: Perioperative managements of patients with various pathological conditions. *J Soc Clin Anes* 16:122-127, 1996 [R]

338. Tomita M, Hayatsu K, Shimoji K: Epidural spinal cord stimulation for intractable pain. *General Rehabil* 24:231-135, 1996 [R]

339. Honda T, Shimoji K: Diagnosis of brain death, In: *Points and Pitfalls in Clinical Anesthesia Practice-Part I*, Hanaoka K (ed), Nakayama-shoten, Tokyo, 1996, pp57 [B]

340. Tomita M, Shimoji K: Pain management with epidural stimulation of the spinal cord, In: *Points and Pitfalls in Clinical Anesthesia Practice-Part I*, Hanaoka K (ed), Nakayama-shoten, Tokyo, 1996, pp144-145 [B]

341. Masaki H, Fujiwara N, Shimoji K: Simultaneous recording of $[Ca^{2+}]_i$ and released glutamate in ischemic hippocampal slices. *Brain Hypoxia* 10:3-8, 1996 [O]

342. Hayatsu K, Tomita M, Shimoji K: Electroanalgesia. *Clinical Neuroscience* 14:1051-1053, 1996 [R]

343. Watanabe I, Sato K, Honda T, Shimoji K: Two cases of Lance-Adams syndrome which showed different myoclonic movement after cardiopulmonary-cerebral resuscitation. *ICU & CCU* 20:705-711, 1996 [C]

344. Baba H, Yoshimura M, Okamoto M, Kono T, Shimoji K: Lacking of wind-up in NMDA receptor $\epsilon 1$ subunit mutant mice. *J Electrodiagnosis Spinal Cord* 18:10-13, 1996 [O]

345. Watanabe I, Sato K, Shimoji K: A case of cephalic tetanus complicated with aspiration pneumonia. *ICU & CCU* 20:791-796, 1996 [C]

346. Kinoshita H, Denda S, Shimoji K, Ohtake M, Shirai Y: Paraplegia following coeliac plexus block by anterior approach under direct vision. *Jpn J Anes* 45:1244-1246, 1996 [C]
347. Taga K, Shimoji K: Anesthetic management of the patients with brain tumor. *LiSA* 3:1206-1211, 1996 [R]
348. Denda S, Tomita M, Shimoji K: Effects stimulus intensity on motor evoked potential in the epidural space by transcranial electrical stimulation. *J Electrodiagnosis Spinal Cord* 18:34-37, 1996 [O]
349. Kohno T, Hayatsu K, Tomita M, Shimoji K: Electrophysiological evaluation of mélanoses neurocutanées who have a general pain, especially in extremities. *J Electrodiagnosis Spinal Cord* 18:175-177, 1996 [C]
350. Denda S, Shimoji K: Intraoperative monitoring of spinal cord function. In: *Annual Review Nerve* 1997, Goto F, Takakura K, Kinoshita M, Yanagisawa N, Shimizu T (eds), Chuugaiigakusha, Tokyo, 1997, pp212-220 [R]
351. Yamakura T, Shimoji K: Brain and Anesthesia - Molecular mechanism of anesthesia- *Clin Anes* (Special Issue of 20th Anniversary):363-368, 1997 [R]
352. Kurokawa S, Fukuda S, Yamakura T, Morioka M, Denda S, Shimoji K: Anesthetic managements for pericardiectomy of three patients with constrictive pericarditis. *Jpn J Anes* 46:515-520, 1997 [C]
353. Tomita M, Denda S, Endoh H, Shimoji K: Spinal cord evoked potentials; Fundamentals. *Clin Electroencephal* 39:413-420, 1997 [R]
354. Fukuda S, Kurokawa S, Shimoji K: Accidental cardiac arrest in a patient with dissecting aneurysm (Stanford Type A) during surgery and monitoring of cerebral oxygenation by near infrared spectroscopy. *Cardiovascular Anesth* 1:153-154, 1997 [C]
355. Kurokawa S, Fukuda S, Shimoji K: Anesthetic management of the patients with unstable angina pectoris during coronary bypass surgery. *Cardiovascular Anesth* 1:184, 1997 [R]
356. Tomita M, Denda S, Endoh H, Shimoji K: Spinal cord evoked potentials; 2. Application. *Clin Electroencephal* 39:464-471, 1997 [R]
357. Tsuchida M, Sakuma K, Maruyama M, Hanazawa H, Urano M, Shimoji K: Oro-pharyngeal burn during electrodissection of the adenoid and tonsil. *Jpn J Anes* 46:959-961, 1997 [C]
358. Denda S, Shimoji K: ABC of somatosensory evoked potential. *LiSA*

4:760-765, 1997 [R]

359. Shimoji K: Circulatory control: its wide clinical perspective. *Circulation Control* 18:307, 1997 [Editorial]

360. Yamakura T, Shimoji K: Pathophysiology and emergency management of convulsion. *J Clin and Experimental Med* 183:120-123, 1997 [R]

361. Denda S, Tomita M, Tobita T, Takada T, Fukuda S, Shimoji K: Electrophysiological monitoring of brain and spinal cord during cardiac and aortic surgeries. *Cardiovascular Anesth* 1:83-85, 1997 [O]

362. Watanabe I, Sato K, Shimoji K: A case report of toxic megacolon in a severe schizophrenic patient treated with long-term and high-dose psychotropic drugs. *ICU & CCU* 21:1059-1065, 1997 [C]

363. Baba H, Kohno T, Okamoto M, Yoshimura M, Shimoji K: Cholinergic modulation of GABAergic inhibition in substantia gelatinosa of rat spinal cord. *J Electrodiagnosis Spinal Cord* 19:37-40, 1997 [O]

364. Okamoto M, Yoshimura M, Baba H, Higashi H, Shimoji K: Electrophysiological analysis of plastic change in rat spinal dorsal horn following peripheral nerve transection. *J Electrodiagnosis Spinal Cord* 19:41-48, 1997 [O]

365. Nakayama N, Fukuda S, Ogawa M, Denda S, Shimoji K: Anaphylactoid reaction possibly caused by FFP in a patient. *Jpn J Acute Med* 22:108-109, 1997 [C]

366. Tomita M, Okamoto M, Shimoji K: Diagnosis and treatment of herpes zoster. In: *Diagnosis and treatment of Herpes Zoster in 30 Japanese University Hospitals*, Shinkokoeki (ed), Shinkokoeki, Tokyo 1998, pp66-73 [B]

367. Tomita M, Hayatsu K, Denda S, Fukuda S, Shimoji K, Kimura R: Epidural spinal cord stimulation. *Pain Clinic* 19:57-63, 1998 [R]

368. Endoh H, Shimoji K: Acute pulmonary edema following laryngeal edema. In: *Emergency Anesthesia - Knack and Point in Your Treatment - Vol.2*, Hanaoka K (ed), Kokuseido, Tokyo, 1998, pp132-133 [B]

369. Yoshimura M, Okamoto M, Baba H, Kohno T, Shimoji K: The cellular mechanisms of allodynia following sciatic nerve transection in the rat spinal dorsal horn. *J Jpn Soc Pain Clin* 5:104-111, 1998 [R]

370. Hayatsu K, Tomita M, Denda S, Endoh H, Shimoji K: Epidural spinal cord stimulation (ESCS) in patient with disturbance of consciousness. *Jpn J Reanimatol* 17:50-53, 1998 [C]

371. Fujiwara N, Zhan R-Z, Taga K, Shimoji K: Acidosis induced by membrane

depolarization of neurons: its mechanism and physiological significance. *Jpn J Reanimatol* 17:23-30, 1998 [O]

372. Kurokawa S, Hida S, Fukuda S, Denda S, Shimoji K: Anesthetic management for renal tumor extending to the inferior vena cava. *Jpn J Anes* 47:596-601, 1998 [C]

373. Shimoji K: Development of a fine fiberscope system for observation of subarachnoid and epidural tissue blood flow and metabolism. *Innervision* 13:27, 1998 [O]

374. Zhan RZ, Fujiwara N, Taga K, Shimoji K: Barbiturates dose-despondent inhibit voltage-dependent Ca^{2+} channel and NMDA receptor. *Cerebral Blood Flow and Metabolism* 10:222-223, 1998 [O]

375. Watanabe I, Sato K, Endoh H, Yoshikawa K, Takahashi M, Shimoji K: A case of generalized convulsion-like movements, asthmatic attack and arrhythmias after propofol infusion in ICU. *ICU&CCU* 22:681-685, 1998 [C]

376. Takada T, Shimoji K: Midlatency auditory evoked potentials and motor signs of wakefulness during anaesthesia with midazolam. *Anesthesia Today* 7:28-36, 1998 [R]

377. Denda S, Kurokawa S, Kinoshita H, Kokubun S, Hida S, Fukuda S, Shimoji K: Swan-ganz catheter placement guided with multiplane transesophageal echocardiography. *J Jpn Assoc Acute Med* 9:551-555, 1998 [O]

378. Shimoji K: The 47th Anesthesia meeting, the 26th Shock and Resuscitation/Intensive meeting in Niigata. *Niigata Med J* 112:730-738, 1998 [R]

379. Ataka T, Okamoto M, Kohno T, Baba H, Shimoji K: Midazolam enhances GABAA-induced inhibitory effects in substantia gelatinosa in rat spinal cord. *J Electrodiagnosis Spinal Cord* 20:9-12, 1998 [O]

380. Kurokawa S, Taga K, Tobita T, Kitahara Y, Fukuda S, Shimoji K: Anesthetic management for pericardial fenestration in a hypertrophic cardiomyopathy (HCM) patient with massive pericardial effusion. *Jpn J Anes* 48:152-157, 1999 [C]

381. Denda S, Shimoji K: Electromyogram (EMG). In: *For Doctors Involved in Anesthesiology and Physiology Related to Anesthesia*, Hanaoka K (ed), Shinko-koueki Isho-shuppan, Tokyo, 1999, pp245-251 [B]

382. Tomita M, Shimoji K: Somatosensory evoked potentials. In: *For Doctors Involved in Anesthesiology and Physiology Related to Anesthesia*, Hanaoka K (ed), Shinko-koueki Isho-shuppan, Tokyo, 1999, pp251-260 [B]

383. Aida S, Shimoji K: Electroencephalogram. In: For Doctors Involved in Anesthesiology and Physiology Related to Anesthesia, Hanaoka K (ed), Shinko-koueki Isho-shuppan, Tokyo, 1999, pp260-272 [B]
384. Taga K, Kitahara Y, Shimoji K: Why the clinical development of NMDA receptor blocker is still not successful. Clin Neurosci 17:95-97, 1999 [R]
385. Kohno T, Ataka T, Okamoto M, Yoshimura M, Shimoji K: Pain inhibitory mechanism of midazolam in spinal cord substantia gelatinosa. Neuroanesthesia and Critical Care 1998 (Procceeding: the 2nd annual meeting of Jpn Soc Neuroanesthesia and Critical Care):31-33, 1999
386. Kokubun S, Fukuda S, Shimoji K: The effect of hypercapnia on porcine anterior spinal artery. Neuroanesthesia and Critical Care 1998 (Procceeding: the 2nd annual meeting of Jpn Soc Neuroanesthesia and Critical Care):49, 1999
387. Denda S, Kurokawa S, Kinoshita H, Tobita T, Tomita M, Fukuda S, Shimoji K: Spinal cord monitoring with EEP, ACP and MEP during surgical operations on thoracic and thoracoabdominal aneurysm. Neuroanesthesia and Critical Care 1998 (Procceeding: the 2nd annual meeting of Jpn Soc Neuroanesthesia and Critical Care):64-66, 1999 [A]
388. Kitahara Y, Taga K, Shimoji K: The effects of various parameters on the temperature differences between brain and rectum during craniotomy. Neuroanesthesia and Critical Care 1998 (Procceeding: the 2nd annual meeting of Jpn Soc Neuroanesthesia and Critical Care):72-73, 1999 [A]
389. Ataka T, Fukuda S, Kinoshita H, Kurokawa S, Kitahara Y, Shimoji K: Anesthetic management of an infant with pulmonary atresia and ventricular septal defect accompanied by excess pulmonary blood flow for systemic-pulmonary shunt operation. Jpn J Anes 48:372-376, 1999 [O]
390. Shibue C, Takamatsu M, Shimizu M, Ogawa M, Qi S, Chen J, Kitahara Y, Nishimaki H, Kohno T, Kokubun S, Okamoto M, Kurokawa S, Hayatsu K, Tobita T, Zhan RZ, Fujihara H, Watanabe I, Tomita M, Taga K, Sato K, Fukuda S, Endoh H, Shimoji K: Prediction of neurological outcome in patients with anoxic-ischaemic coma after cardiopulmonary resuscitation. J Clin Anes (Jpn) 23:861-866, 1999 [O]
391. Fujihara H, Fukuda S, Kinoshita H, Kokubun S, Nishimaki H, Shimoji K: The effects of intravenous anesthetics on calcium sensitivity of cerebral vessel smooth muscles. [C]
392. Kurokawa S, Fujihara H, Tobita T, Fukuda S, Shimoji K: Anesthetic management for mitral valve replacement in a patient with mitral stenosis and dilated cardiomyopathy. Jpn J Anes 48:639-643, 1999 [C]
393. Watanabe I, Sato K, Taga K, Endoh H, Shimoji K: Active compression-

decompression (ACD) CPR improves cardio-pulmonary resuscitation. - Report of two cases -. *Jpn J Reanimatol* 18:135-138, 1999 [C]

394. Ohashi S, Tanaka T, Fujioka H, Shimoji K, Miyamura H: airway stenosis suspected by inordinate increase in airway pressure and demonstrated by a bronchial fiberscope during open heart surgery: A case report. *J Clin Anes (Jpn)* 23:1139-1141, 1999 [C]

395. Zhan RZ, Fujiwara N, Taga K, Fukuda S, Shimoji K: The different protective effects of NMDA receptor antagonists on in vitro ischemia-induced neurotransmission failure in the visual cortex of the rat. *Brain Hypoxia* 13:25-31, 1999 [O]

396. Sakuma K, Maruyama M, Tsuchida M, Nakayama N, Shimoji K: Glufosinate intoxication complicates with brain infarction: a case report. *ICU&CCU* 23:705-708, 1999 [C]

397. Ogawa M, Kobayashi M, Ohya M, Komura N, Denda S, Shimoji K: A case of bacterial meningitis during continuous epidural block. *Pain Clinic* 20:1253-1254, 1999 [C]

398. Tobita T, Shimoji K: How to minimize iatrogenic neurological sequelae caused by the surgical manipulations. *LiSA* 6:1206-1211, 1999 [R]

399. Denda S, Shimoji K: Auditory brainstem response (Brainstem auditory evoked potentials). *Anesthesia 21 Century* 2:240-245, 2000 [O]

400. Tobita T, Tomita M, Shimoji K: Intraoperative spinal cord monitoring; the present situation with its problems. *Clin Electroencephal* 42:347-352, 2000 [R]

401. Kurokawa S, Fukuda S, Shimoji K: Anesthetic management of thrombectomy for left ventricular huge mobile thrombus. *Jpn J Anes* 49:634-638, 2000 [C]

402. Shimoji K, Taga K, Zhan RZ, Fujihara H, Honda T, Endoh H, Fukuda S: Current review on CNS resuscitation. *Jpn J Reanimatol* 19:93-108, 2000 [R]

403. Zhan RZ, Chen J, Qi S, Fujihara H, Taga K, Shimoji K: Redistribution of cytochrome c contributes to hippocampal CA1 neuronal death in rat forebrain ischemia model. *Brain Hypoxia* 14:35-40, 2000 [O]

404. Denda S, Ataka T, Tobita T, Shimizu M, Shimoji K: The physiology of spinal cord potential in human 1. Somatosensory evoked spinal cord potential. *Clin Electroencephal* 42:584-590, 2000 [R]

405. Kurokawa S, Tobita T, Taga K, Fukuda S, Shimoji K, Watanabe T, Tsuchida M, Yamato Y: Anesthetic management with veno-venous extracorporeal membrane oxygenator (VV-ECMO) in a patient with severe tracheobronchial stenosis. *Jpn J Anes* 49:1242-1246, 2000 [C]

406. Tobita T, Okamoto M, Tomita M, Yamakura T, Fujihara H, Baba H, Uchiyama S, Hamann W, Shimoji K: Diagnosis of spinal disease with ultrafine flexible fiberscopes in patients with chronic pain. Spine.28:2006-12,2003 [O]

407. Shimoji K, Ogura M, Gamou S, Yunokawa S, Skamoto H, Fukuda S, Morita S: A new approach for observing cerebral cisterns and ventricles via a percutaneous lumbosacral route by using fine, flexible fiberscopes. J Neurosurg. 110:376-81,2009 [O]

408. Shimoji K: Exploring the brain and spinal cord by a fine flexible fiberscope-Review. Phys Med Rehabil Res 2:1-1, 2017 [R]

[O]:Original ; [C]:Case report; [R]:Review; [M]: Monograph; [B]:Book or Book Chapter

(The Japanese papers have not been updated since 2000)

XV Books in Japanese without English Abstract (和文著書)

1.神経麻酔学、朝倉書店、1972

2.救急医学の実際、下地、武下編著、朝倉書店、1983

3.新臨床麻酔学全書 3 A、山村他編、分担、金原出版、1984

4.新臨床麻酔学全書 5 B、山村他編、分担、金原出版、1984

5.麻酔を引き受ける前に、諏訪編、分担、克誠堂出版、1984

6.ペインクリニックの理論と実際、編著、新興医学出版、1988

7.Pain－痛みの基礎と臨床、高倉他編、下地分担、朝倉書店、1988

8.アトラス麻酔科学 1、編著、金原出版、1989

9.アトラス麻酔科学 2、編著、金原出版、1989

10.麻酔科医のための解剖学、Ellis著、監訳、西村書店、1989

11.臨床神経生理学、島村編、分担、真興交易出版、1991

12.日本の医学(下巻、外科系)、日沼対談、最新医学社、1992

13.誘発電位、編著、西村書店、1992

- 14.標準救急医療、井村編、分担、中山書店、1993
- 15.最新救急医学、編著、最新医学社、1995
- 16.下地恒毅教授退官記念誌、新大医学部麻酔科学教室、同門会、2001
- 17.医学大辞典、伊藤編、分担、医学書院、2003
- 18.麻酔実践テキスト、武田・森田編、分担、南江堂、2008
- 19.刺激鎮痛のすべて、編著、新興医学社、2010

XVI General Books (一般書)

1. 痛みをやわらげる科学、サイエンス・アイ新書、ソフトバンククリアティヴ、初版、2011、再版、2012、新装版、2018(中国語版、台湾語版、2015)(韓国語版 2023印刷中)
2. 世界の危機を救う世界連邦—沖縄から平和を考える、幻冬舎、2015
3. 世界連邦—社会的疾患である戦争の抑止力に、幻冬舎文庫、2019