

## List of Published Presentation Papers (Sep.2002—Feb.2003)

\* outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2002/09/01	A proposal of pulse-pair Doppler operation on a spaceborne cloud-profiling radar in the W-band	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Vol.19 No.9 pp.1294-1306	KOBAYASHI Satoru KUMAGAI Hiroshi KUROIWA Hiroshi
2002/09/01	Mechanical properties of single-headed processive motor, inner-arm dynein subspecies-c of Chlamydomonas studied at the single molecule level	JOURNAL OF BIOLOGICAL PHYSICS	Vol.28 pp.335-345	KOJIMA Hiroaki KIKUMOTO Mahito SAKAKIBARA Hitoshi OIWA Kazuhiro
2002/09/01	Laser reflector arrangement on H2A-LRE satellite for monitoring the spin rate and optical degradation	APPLIED OPTICS	Vol.41 No.27 pp.5672-5677	OTSUBO Toshimichi KUNIMORI Hiroo YOSHIHARA Keisuke* HASHIMOTO Hidekazu*
2002/09/01	Ultrafast walk-off free nonlinear optical loop mirror by a simplified configuration for 320 Gbit/s TDM signal demultiplexing	OPTICS LETTERS	Vol.27 No.17 pp.1555-1557	SOTOBAYASHI Hideyuki SAWAGUCHI Chikara* KOYAMADA Yaehei* CHUJO Wataru
2002/09/01	Characteristics of negative values of PC index as an indicator of reversed convection	ADVANCES IN POLAR UPPER ATMOSPHERE RESEARCH	Vol.16 pp.36-44	NAGATSUMA Tsutomu
2002/09/01	Sub-picosecond transform-limited 160 Gbit/s optical pulse compression using supercontinuum generation	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E85-C No.9 pp.1718-1719	INOUE Jun SOTOBAYASHI Hideyuki CHUJO Wataru
2002/09/01	Application of radio holographic method for observation of altitude variations of the electron density in the mesosphere/lower thermosphere using GPS/MET radio occultation data	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	Vol.64 pp.959-969	IGARASHI Kiyoshi A. Pavelyev* J. Wickert* Klemens Hocke* D. Pavelyev*
2002/09/01	Tidal structure and variability in the mesosphere and lower thermosphere over Yamagawa and Wakkanai	JOURNAL OF ATMOSPHERIC AND TERRESTRIAL PHYSICS	Vol.64 pp.1037-1053	IGARASHI Kiyoshi S. Namboorthiri Parameswaran Pangaluru Kishore
2002/09/01	Automatic detection of mis-spelled Japanese expressions using a new method for automatic extraction of negative examples based on positive examples	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E85-D No.9 pp.1416-1424	MURATA Masaki ISAHARA Hitoshi
2002/09/01	An fMRI-constrained MEG source analysis with procedures for dividing and grouping activation	NEUROIMAGE	Vol.17 pp.324-343	FUJIMAKI Norio HAYAKAWA Tomoe Nielsen Matthew* Thomas R. Knoesche* MIYAUCHI Satoru
2002/09/01	Fast Traversal of Suffix Arrays for Full-text Approximate String Matching (in Japanese)	Journal of The Information Processing Society of Japan	Vol.43 SIG9 pp.1-14	UCHIYAMA Masao ISAHARA Hitoshi
2002/09/13	A Music-Retrieval System based on User's Impressions Input: Use of N-gram Statistics (in Japanese)	FIT2002 (Information Technology Letters)	Vol.1 pp.63-64	KUMAMOTO Tadahiko UCHIMOTO Kimiko
2002/09/26	Low-driving-voltage band-operation LiNbO <sub>3</sub> modulator with lightwave reflection and double-stub structure	ELECTRONICS LETTERS	Vol.38 No.20 pp.1204-1205	KAWANISHI Tetsuya OIKAWA Satoshi* HIGUMA Kaoru* MATSUO Yoshiro IZUTSU Masayuki
2002/10/01	The generation of CW millimeter wave signals in a nonlinear LN optical waveguide	OPTICAL ENGINEERING	Vol.41 No.10 pp.2589-2591	Ki-hwan Park CHUJO Wataru
2002/10/01	Sharing and Compatibility Study between Fixed Service Using High Altitude Platform Stations (HAPS) and Other Services in the 31/28 GHz Bands	WIRELESS PERSONAL COMMUNICATIONS	Vol.23 pp.3-14	ODOO Masayuki MIURA Ryu HORI Teruhisa* MORISAKI Takayuki KASHIKI Kanshiro* SUZUKI Mikio*
2002/10/01	Effect of Interface Agent Movement on User Impression (in Japanese)	Journal of The Institute of Image Information and Television Engineers	Vol.56 No.9	YAMAZAKI Tatsuya
2002/10/01	Fabrication of ultra-high density InAs stacked quantum dots by strain controlled growth on InP(311)B substrate	JOURNAL OF CRYSTAL GROWTH	Vol.245 pp.31-36	AKAHANE Kouichi OHTANI Naoki OKADA Yoshitaka* KAWABE Mitsuo*
2002/10/01	Space Charge Measurements of Irradiated Polymer in Vacuum (in Japanese)	Journal of The Institute of Electrical Engineers of Japan	Vol.122-A No.10 pp.914-933	FUKUNAGA Kaori MAENO Takashi Virginie Griseri* Leon Levy*
2002/10/01	Collecting Impression Expressinns for Research on Music Retrieval Based on User's Impressions (in Japanese)	Journal of the Information Processing Society of Japan	Vol.43 No.10 pp.3231-3234	KUMAMOTO Tadahiko UCHIMOTO Kimiko
2002/10/01	Hierarchical hybrid OTDM/WDM network based on fast optical signal processing (Invited)	IEEE LEOS Newsletter	Vol.16 No.4 pp.24-29	SOTOBAYASHI Hideyuki CHUJO Wataru OZEKI Takeshi*
2002/10/01	Surface resistence of epitaxial NbN thin films in the frequency rengen of 0.7-1.1 THz	PHYSICA C	Vol.378-381 No.2 pp.1295-1300	KAWAKAMI Akira MIKI Shigehito* Wang Zhen
2002/10/01	Dual-Band Operation of Variable-Baseline Interferometer (in Japanese)	THE TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS B	Vol.J85-B No.10 pp.1805-1808	KAWASE Seichirou

2002/10/01	Electrically tunable delay-line using an optical single-side-band modulator	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.14 No.10 pp.1454-1456	KAWANISHI Tetsuya OIKAWA Satoshi* HIGUMA Kaoru* IZUTSU Masayuki
2002/10/01	Reversible Computation in Asynchronous Cellular Automata	LECTURE NOTES IN COMPUTER SCIENCE	Vol.2509 pp.220-229	Lee Jia Peper Ferdinand ADACHI Susumu MORITA Kenichi* MASHIKO Shinro
2002/10/01	Fabrication of interface-engineered Josephson junctions on sapphire substrates	PHYSICA C	Vol.378-381 No.2 pp.1348-1352	SHIMAKAGE Hisashi Wang Zhen Ronald H. Ono* Leila R. Vale* Den Mitsue YAMASHITA K.*
2002/10/01	Increase in high energy particle flux affected by an interplanetary shock wave	ADVANCES IN SPACE RESEARCH	Vol.30 No.3 pp.459-468	OGAWA Tomoya YAMASHITA Kazuyuki* UHTA Takuma* MATSUMOTO Ryoji* Den Mitsue
2002/10/01	HYDRODYNAMICAL SIMULATIONS USING A FULLY THREADED TREE	ADVANCES IN SPACE RESEARCH	Vol.30 No.3 pp.561-563	MISAKI Masaya MATSUMOTO Eriko MIYAUCHI Satoru
2002/10/07	Dorsal Visual Cortex Activity Elicited by Posture Change in a Visuo-Tactile Matching Task	NEUROREPORT	Vol.13 No.14 pp.1797-1800	OZAKU Hiromi UCHIYAMA Masao MURATA Masaki UCHIMOTO Kiyotaka ISAHARA Hitoshi
2002/10/10	Supporting Conference Program Production Using Natural Language Processing Technologies (in Japanese)	Journal of The Association for Natural Language Processing	Vol.9 No.5 pp.131-148	OKUNO Yoshishige KAMIKADO Toshiya YOKOYAMA Shiyoshi MASHIKO Shinro
2002/10/11	Theoretical study of aryl-ring rotation in arylporphyrins	JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM	Vol.594 No.1-2 pp.55-60	Abedin Kazi Sarwar J. T. Gopinath* L. A. Jiang* M. E. Grein* H. A. Haus* Erick P. Ippen*
2002/10/15	Self-Stabilized Passive, Harmonically Mode-Locked Stretched-Pulse Erbium Fiber Ring Laser	OPTICS LETTERS	Vol.27 No.20 pp.1758-1790	KAWANISHI Tetsuya IZUTSU Masayuki
2002/10/15	High-Speed Optical Modulators and Photonic Sideband Management (in Japanese)	Journal of The Laser Society of Japan	Vol.30 No.10 pp.576-580	SHINOHARA Keisuke YAMASHITA Yoshimi* ENDOH Akira* HIKOSAKA Kohki* MATSUI Toshiaki MIMURA Takashi* HIYAMIZU Satoshi*
2002/10/20	Simple and high-precision asymmetric gate-recess process for ultrafast InP-based high electron mobility transistors	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	Vol.20 No.5 pp.2096-2100	JAMIT
2002/11/01	Analyzing the 3D Shape and Respiratory Motion of the Ribs Using Chest X-Ray Images	JAMIT	Vol.20 No.6 pp.694-702	Myint Myint Sein KOMIZU Mitsuru* YANAGIHARA Yoshio* HAMA Hiromitsu*
2002/11/01	Photonic gateway : TDM-to-WDM-to-TDM conversion and reconversion at 40 Gbit/s (4 x 10 Gbit/s)	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B	Vol.19 No.11 pp.2810-2816	SOTOBAYASHI Hideyuki CHUJO Wataru KITAYAMA Ken-ichi*
2002/11/01	Wavelength-band generation and transmission of 3.24 Tbit/s (81 WDM x 40 Gbit/s) carrier-suppressed return-to zero format by use of a single supercontinuum source for frequency standardization	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B	Vol.19 No.11 pp.2803-2809	SOTOBAYASHI Hideyuki CHUJO Wataru KONISHI Akio* OZEKI Takeshi*
2002/11/01	Sounding-rocket observation of O II 83.4-nm emission over the polar ionosphere	GEOPHYSICAL RESEARCH LETTERS	Vol.29 No.21 pp.1.1-1.4	YAMAZAKI Atsushi TASHIRO Shinichi NAKASAKA Y.* YOSHIKAWA Ichiro MIYAKE Wataru NAKAMURA M.*
2002/11/01	Refractive behavior of 2D square lattice photonic crystals determined by reducing the symmetry of the unit cell	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.11A pp.6375-6379	TAKAYAMA Yoshihisa Klaus Werner
2002/11/01	Molecular Trapping and Deceleration Using a Ring Electrode	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.11A pp.6577-6581	KAJITA Masatoshi
2002/11/01	An electronic read-out circuit for time-domain terahertz imaging with photo-conductive antennas	PHYSICS IN MEDICINE AND BIOLOGY	Vol.47 No.21 pp.3711-3718	Michael Hermann TANI Masahiko* SAKAI Kiyomi WATANABE Masayoshi
2002/11/01	Response of the magnetospheric convection to sudden interplanetary magnetic field changes as deduced from the evolution of partial ring currents	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.107 No.A11 p.1337	HASHIMOTO Kumiko KIKUCHI Takashi EBIHARA Yusuke*
2002/11/01	Social Intelligence Design for Web Intelligence	IEEE Computer Special Issue on Web Intelligence	Vol.35 No.11 pp.37-41	NISHIDA Toyoaki
2002/11/20	Possible Fluctuation of the Position of Sagittarius A* Relative to Extragalactic Radio Sources	ASTROPHYSICAL JOURNAL	Vol.580 pp.L43-L46	HOSOKAWA Mizuhiko David Jauncey* John Reynolds* Anastasios Tzioumis* OHNISHI Kouji* FUKUSHIMA Toshio*

2002/11/21	<b>1.5Tbit/s (75×20Gbit/s) DWDM transmission using Er<sup>3+</sup> doped tellurite fibre amplifiers with 63nm continuous signal band</b>	ELECTRONICS LETTERS	Vol.38 No.24 pp.1502-1504	MAKINO Takeshi SOTOBAYASHI Hideyuki CHUJO Wataru
2002/12/01	<b>A Theory of Excitation Energy Transfer Regarded as Nonadiabatic Transition and Compared to Forster's Theory</b>	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	Vol.90 pp.772-777	OKUNO Yoshishige MASHIKO Shinro
2002/12/01	<b>Adaptive Modulated OFDM Radio Transmission Scheme Using a New Channel Estimation Method for Future Broadband Mobile Communication Systems</b>	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E85-B No.12 pp.2785-2796	HARADA Hiroshi YAMAMURA Takako* KAMIO Yuki-yoshi FUJISE Masayuki
2002/12/01	<b>Prediction of the Dst index from solar wind parameters by a neural network method</b>	EARTH, PLANETS AND SPACE		WATANABE Shigeaki SAGAWA Eiichi OHTAKA Kazuhiro SHIMAZU Hironori
2002/12/01	<b>Study on Retrieval Algorithms for Roughness and Thickness of Ice on Lake Saroma by Using Multi-incidence Angle SAR Data</b>	Journal of Remote Sensing Society of Japan	Vol.22 No.4 pp.405-422	NAKAMURA Kazuki WAKABAYASHI Hiroyuki* NISHIO Fumihiko* URATSUKA Seiho
2002/12/01	<b>Retrieval of in-situ electron density in the top-side ionosphere from cosmic radio noise intensity by an artificial neural network</b>	RADIO SCIENCE	Vol.37 No.5 pp.10.1-10.15	MARUYAMA Takashi
2002/12/01	<b>The Evaluation of Wind Error by an Incoherent Doppler Lidar System for the Space-Borne Measurement</b>	Journal of Remote Sensing Society of Japan	Vol.22 No.4 pp.423-432	ISHII Syoken MIZUTANI Kohei SHINONO Masahiko ITABE Toshikazu ASAI Kazuhiro
2002/12/01	<b>A Deploying Process Analysis using Sub-Pixel Cross-Correlation Method -An Application for Deploying Experiment of Small-Scaled Model of ETS-VIII Deployable Antenna- (in Japanese)</b>	journal of The Japan Society for Aeronautical and Space Sciences	Vol.50 No.587 pp.406-503	KIMURA Shinichi TAKEUCHI Makoto FUJIKASE Yutaro HARIMA Koichi* SATO Hitoshi* YOSHIDA Tetuji* MIYASAKA Akihiro* NODA Hiroyuki* SUNAKAWA Kei* HOMMA Masanori*
2002/12/01	<b>Photonic gateway: multiplexing format conversions of OCDM-to-WDM and WDM-to-OCDM at 40 Gbit/s (4 x 10 Gbit/s)</b>	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.20 No.12 pp.2022-2028	SOTOBAYASHI Hideyuki CHUJO Wataru KITAYAMA Ken-ichi*
2002/12/01	<b>Synchronous optical demultiplexing and sampling of 80-Gb/s OTDM signals by optically recovered clock using mode-locked laser diode and Symmetric Mach-Zehnder switch</b>	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.14 No.12 pp.1734-1736	MIYAZAKI Tetsuya SOTOBAYASHI Hideyuki CHUJO Wataru
2002/12/01	<b>A New Small-size Multi-mode and Multi-task Software Radio Prototype for Future Intelligent Transport Systems</b>	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E85-B No.12 pp.2703-2715	HARADA Hiroshi FUJISE Masayuki
2002/12/01	<b>Effect of low-temperature-grown GaN intermediate layer on InN growth by plasma-assisted MBE</b>	PHYSICA STATUS SOLIDI	Vol.0 Vol.1 pp.360-363	HIGASHIWAKI Masataka MATSUI Toshiaki
2002/12/01	<b>A block-coded modulation method for one-way multimode data transmission</b>	IEEE TRANSACTIONS ON COMMUNICATIONS	Vol.50 No.12 pp.2124-2135	OKAMOTO Eiji OGAWA Hiroyo
2002/12/01	<b>Changing the Sampling-Points Positions for Two-Dimensional Discrete Fourier Transform Used in Harmonic Balance Method</b>	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS	Vol.49 No.12 pp.1851-1853	HORI Toshihiro
2002/12/01	<b>Optical inverse filter for holographic filtering by photorefractive four-wave mixing with incoherent erasure</b>	NONLINEAR OPTICS	Vol.29 No.2-3 pp.157-166	TAKAYAMA Yoshihisa HONMA Satoshi* OKAMATO Atsushi*
2002/12/01	<b>Improving spectral efficiency based on optical code division multiplexing techniques</b>	Optics & Photonics News	Vol.13 No.12 p.37	SOTOBAYASHI Hideyuki
2002/12/01	<b>Fidelity of near-field intensity distribution of surface plasmon on slightly rough surfaces</b>	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E85-C No.12 pp.2065-2070	KAWANISHI Tetsuya
2002/12/01	<b>A submillimeter-wave SIS mixer using NbN/MgO/NbN trilayers grown epitaxially on an MgO substrate</b>	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	Vol.15 No.12 pp.1760-1765	UZAWA Yoshinori KAWAKAMI Akira SAITO A.* TSKEDA Masanori Wang Zhen
2002/12/01	<b>Comment on "Propagation of the preliminary reverse impulse of sudden commencements to low latitudes" by P.J. et al</b>	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.107 No.A12 p.1473	KIKUCHI Takashi Araki Tohru*
2002/12/01	<b>Cortical Mapping of Gait by Near Infrared Spectroscopic Imaging (in Japanese)</b>	Neurol Med Chir (Tokyo)	Vol.44 No.12 pp.751-757	EDA Hideo MIYAI Ichiro* KUBOTA Kisou* YANAGIDA Toshio
2002/12/01	<b>Pure rotational spectra of the Ar-HN<sub>2</sub><sup>+</sup> and the Kr-HN<sub>2</sub><sup>+</sup> ionic complexes</b>	JOURNAL OF CHEMICAL PHYSICS	Vol.117 No.21 pp.9750-9757	SEKI Kouji SUMIYOSHI Yoshihiro* ENDO Yasuki*
2002/12/01	<b>Activities of the Japanese space weather forecast center at Communications Research Laboratory</b>	JOURNAL OF RADIATION RESEARCH	Vol.43 pp.S53-S57	WATARI Shin-ichi TOMITA Fumihiko
2002/12/01	<b>Efficient highly nondegenerate four-wave mixing with tapered microstructure fiber</b>	Trends in Optics and Photonics(Tops)	Vol.79 pp.415-417	Abedin Kazi Sarwar J.T.Gopinath* E.P.Ippen* C.E.Kerbage* R.S.Windeler* B.J.Eggleton*

2002/12/01	<b>Airborne imaging and Ka-band satellite communications in an experimental disaster management system</b>	SPACE COMMUNICATIONS	Vol.18 No.34 pp.157-166	WAKANA Hiromitsu Li Huan-Ban MIURA Amane NIREI Yoshihiko* ARAKIDA Masaru*
2002/12/04	<b>A System for Searching and Viewing Web Content by Mobile Phones</b>	DBSJ letters	pp.19-22	NSDAMOTO Akiyo SUMIYA Kazutoshi* TANAKA Katsumi
2002/12/05	<b>Optical generation of millimetre-wave signals up to 110 GHz by phase-locking of two external-cavity semiconductor lasers</b>	ELECTRONICS LETTERS	Vol.38 No.25 pp.1679-1680	HYODO Masaharu WATANABE Masayoshi
2002/12/15	<b>Continuous variables quantum switch teleportation using two-mode squeezed light</b>	EUROPEAN PHYSICAL JOURNAL D	Vol.21 No.3 pp.361-366	Yun Zhang KASAI Katsuyuki WATANABE Masayoshi
2003/01/01	<b>New Schemes of Biologically Inspired Evolutionary Computation</b>	ADVANCES IN EVOLUTIONARY COMPUTING	pp.117-151	SAWAI Hidefumi ADACHI Susumu KIZU Sashio*
2003/01/01	<b>Subgroup membership problem and its applications to information security</b>	Scientiae Mathematicae Japonicae	Vol.57 No.1 pp.23-39	YAMAMURA Akihiro SAITO Taichi*
2003/01/01	<b>A proposal of overfill CDM transmission scheme for future road-vehicle communication systems</b>	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E86-B No.1 pp.68-78	SHIMEZAWA Kazuyuki HARADA Hiroshi SHIRAI Hiroshi* FUJISE Masayuki
2003/01/01	<b>Optical Code Division Multiplexing (OCDM) and Its Application for Peta-bit/s Photonic Network (Invited)</b>	INFORMATION SCIENCES	Vol.149 pp.171-182	SOTOBAYASHI Hideyuki CHUJO Wataru KITAYAMA Ken-ichi*
2003/01/01	<b>Robotic Communication Terminals as a Mobility Support System for Elderly and Disabled People(3) (in Japanese)</b>	Journal of The Japanese Society for Artificial Intelligence	Vol.18 No.1 pp.29-35	YAIRI Ikuko IGI Seiji
2003/01/01	<b>Optical Code Division Multiplexing and Ultrafast Photonic Processing (in Japanese)</b>	Journal of The Optical Society of Japan	Vol.32 No.1 pp.26-31	SOTOBAYASHI Hideyuki
2003/01/01	<b>A molecular-beam apparatus with a spray-jet technique for studying neutral non-volatile molecules</b>	CHEMICAL PHYSICS LETTERS	No.370 pp.132-138	YAMADA Toshii SHINOHARA Hidenori* Maofa Ge MASHIKO Shinro KIMURA Katsumi*
2003/01/01	<b>A Circuit for Tuning Superconductor-Insulator-Superconductor Mixers Using Distributed Tunnel Junctions</b>	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.42 pp.91-95	UZAWA Yoshinori TAKEDA Masanori Wang Zhen
2003/01/06	<b>Shift multiplexing for holographic storage system using fiber bundle referencing</b>	APPLIED PHYSICS LETTERS	Vol.82 No.1 pp.25-27	Zhang Jiasen YOSHIKADO Shin ARUGA Tadashi
2003/01/06	<b>Electrical control of the structure and lasing in chiral photonic band-gap liquid crystals</b>	APPLIED PHYSICS LETTERS	Vol.82 No.1 pp.16-18	FURUMI Seiichi YOKOYAMA Shiyoshi OTOMO Akira MASHIKO Shinro MIYAKE Wataru
2003/01/09	<b>A statistical survey of low-frequency electric-field fluctuations around the dayside cusp/cleft region</b>	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.108 No.A1 pp.6.1-6.16	MATSUOKA Ayako HIRANO Yumi*
2003/01/10	<b>Recovery of blurred images obtained through turbulence media</b>	APPLIED OPTICS	Vol.42 No.2 pp.190-203	ARUGA Tadashi KOHYAMA Yasuharu*
2003/01/10	<b>Analysis on Difficulty Indices for Japanese Named Entity Tase (in Japanese)</b>	Journal of The Association for Natural Language Processing	Vol.9 Vol. 6 pp.3-26	NOBATA Chikashi SEKINE Satoshi* TSUJII Jun'ichi*
2003/01/10	<b>An IR Similarity Measure which is Tolerant for Morphological Variation (in Japanese)</b>	Journal of The Association for Natural Language Processing	Vol.10 No.1 pp.63-80	YAMAMOTO Eiko TAKADA Yoshiyuki* UMEMURA Kyoji*
2003/01/13	<b>Experimental investigation of the intensity fluctuation joint probability and conditional distributions of the twin-beam quantum state</b>	OPTICS EXPRESS	Vol.11 No.1 pp.14-19	Yun Zhang KASAI Katsuyuki WATANABE Masayoshi
2003/01/16	<b>Electro-optic sampling measurement of the electric field distribution on a resonant electrode for a band-operation optical modulator</b>	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E86-C No.1 pp.100-103	MATSUO Yoshiro KAWANISHI Tetsuya OIKAWA Satoshi* HIGUMA Kaoru* IZUTSU Masayuki
2003/01/27	<b>Higher plant myosin XI moves processively on actin with 35 nm steps at high velocity</b>	EMBO JOURNAL	Vol.22 No.6 pp.1263-1272	TOMINAGA Motoki KOJIMA Akira Etsuo Yokota* Hidefumi Orii* NAKAMORI Rinna Eisaku Katayama* Michael Anson* Teruo Shimmen* OIWA Kazuhiro
2003/02/01	<b>A single light source configuration for full-duplex 60-GHz-band radio-on-fiber system</b>	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.51 No.2 pp.431-439	KURI Toshiaki KITAYAMA Ken-ichi* TAKAHASHI Yoshiro*
2003/02/01	<b>Measurement of Two-color Atmospheric Turbulence using Fixed-star Observation (in Japanese)</b>	THE TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS B	Vol.J86-B No.2 pp.138-147	TOYODA Masahiro
2003/02/01	<b>Preliminary Flight Test Program on Telecom and Broadcasting Using High Altitude Platform Stations</b>	WIRELESS PERSONAL COMMUNICATIONS	Vol.24 No.2 pp.341-361	MIURA Ryu SUZUKI Mikio*

2003/02/01	<b>Phase Measurement of Phased Array Antenna by Using Near-field Antenna Measurement</b> (in Japanese)	THE TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS B	Vol.J86-B No.2 pp.284-286	MIURA Amane TANAKA Masato
2003/02/01	<b>Protein motors: their mechanical properties and application to nanometer-scale devices</b>	MATERIALS SCIENCE FORUM		OIWA Kazuhiro
2003/02/01	<b>Information flow related to visual search assessed using magnetoencephalography</b>	COGNITIVE BRAIN RESEARCH	Vol.15 pp.285-295	HAYAKAWA Tomoe MIYAUCHI Satoru FUJIMAKI Norio KATO Makoto YGI Akihiro*
2003/02/01	<b>Suggestion of a Numerical Model for the Blood Glucose Adjustment with Ingesting a Food</b> (in Japanese)	IEEJ Trans. EIS	Vol.123 No.2	YAMAMOTO Naokatsu TAKAI Hiroshi*
2003/02/10	<b>Multi-stage multi-user detection assisted fast-FH/MFSK</b>	ELECTRONICS LETTERS	Vol.39 No.4 pp.399-400	HAMAGUCHI Kiyoshi Lie-Liang Yang* Lajos Hanzo
2003/02/12	<b>Spatial light confinement and laser emission from a gain medium containing dendrimer</b>	Nanotechnology and Nano-interface Controlled Electronic Device	pp.41-48	YOKOYAMA Shiyoshi MASHIKO Shinro

