

**List of Published Presentation Papers (Mar.2003—Aug.2003)**

\* outsiders

<b>Date of Presentation</b>	<b>Name of Paper</b>	<b>Name of Publication</b>	<b>Volume</b>	<b>Presenter</b>
2003/03/01	Doppler velocity from sea surface on the spaceborne and airborne weather radars	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Vol.20 pp.372-381	KOBAYASHI Satoru KUMAGAI Hiroshi
2003/03/01	Functional MRI of Brain Activation Evoked by Intentional Eye Blinking	NEUROIMAGE	Vol.18 No.3 pp.749-759	KATOH Makoto MIYAUCHI Satoru
2003/03/01	VLBI Observation Systems Based on the VLBI Standard Interface Hardware (VSI=H) Specifications	ASP Conference Series New Technologies in VLBI (2003)		KOYAMA Yasuhiro KONDO Tetsuro NAKAJIMA Junichi SEKIDO Mamoru KIMURA Moritaka
2003/03/01	Optical Generation of Millimeter-Wave Signals up to 330 GHz by Means of Cascadingly Phase-Locking of Three Semiconductor Lasers	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.15 No.3 pp.458-460	HYODO Masaharu WATANABE Masayoshi
2003/03/01	Identifying subphthalocyanine molecule isomers by using a scanning tunneling microscope	JOURNAL OF PHYSICAL CHEMISTRY B	Vol.107 No.15 pp.3659-3662	SUZUKI Hitoshi MIKI Hideki YOKOYAMA Shiyoshi MASHIKO Shinro
2003/03/01	Pilot symbol assisted high speed packet transmission system based on adaptive OFDM in broadband mobile channel	JOURNAL OF COMMUNICATIONS AND NETWORKS	Vol.5 No.1 pp.25-32	Ahn Chong-Jun SASASE Iwao*
2003/03/06	Impact of satellite motion on two-way satellite time and frequency transfer	ELECTRONICS LETTERS	Vol.39 No.5 pp.482-483	Sun Hongwei IMAE Michito GOTOH Tadahiro
2003/03/15	Saturation Spectroscopy of Potassium for Frequency Stabilization of Violet Diode Lasers	JAPANESE JOURNAL OF APPLIED PHYSICS PART 2	Vol.42 No.3B pp.L332-L334	UETAKE Satoshi HAYASAKA Kazuhiro WATANABE Masayoshi
2003/03/20	Laying Out Circuits on Asynchronous Cellular Arrays: a step Towards Feasible Nanocomputers	NANOTECHNOLOGY	Vol.14 No.4 pp.469-485	Peper Ferdinand Lee Jia ADACHI Susumu MASHIKO Shinro
2003/04/01	Real time collection of geomagnetic field data from northern near-pole region	ADVANCES IN SPACE RESEARCH	Vol.31 No.4 pp.1081-1085	NAGASTSUMA Tsutomu HAYASHI Kanji* D. J. McEwen* OBARA Takahiro
2003/04/01	Formation of New Electron Radiation Belt During Magnetospheric Compression Event	ADVANCES IN SPACE RESEARCH	Vol.31 No.4 pp.1027-1032	OBARA Takahiro X.Li*
2003/04/01	Energetic Electron Behavior in the Outer Radiation Zone During the Space Weather Month	ADVANCES IN SPACE RESEARCH	Vol.31 No.4 pp.1021-1026	OBARA Takahiro
2003/04/01	Photoluminescence property of uniaxially strained GaAs/AlGaAs quantum wells contained in a micro-tube	PHYSICAL E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	Vol.17 No.1-4 pp.391-392	OHTANI Naoki KUBOTA Kazuyoshi* P.Vaccaro* AIDA Tahito* HOSODA Makoto*
2003/04/01	System-dependent centre-of-mass correction for spherical geodetic satellites	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.108 No.B4 pp.9-1, 9-10	OTSUBO Toshimichi Graham M Appleby*
2003/04/01	Quantum learning and universal quantum matching	Quantum Communication, Measurement, and Computing 2002, Rinton press	pp.315-318	SASAKI Masahide A. Carlini*
2003/04/01	InP-Based High Electron Mobility Transistors with a Very Short Gate-Channel Distance	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.42 No.4B pp.2214-2218	ENDOH Satoshi YAMASHITA Yoshimi SHINOHARA Keisuke HIKOSAKA Kouki MATSUI Toshiaki HIYAMIZU Satoshi* MIMURA Takashi
2003/04/01	Plasma-assisted MBE growth of InN films and InAlN/InN heterostructures	JOURNAL OF CRYSTAL GROWTH	Vol.251 pp.494-498	HIGASHIWAKI Masataka MATSUI Toshiaki
2003/04/01	Determining the conformation of a phenylene-linked porphyrin dimer by NMR spectroscopy and quantum chemical calculations	JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM	Vol.631 pp.13-20	OKUNO Yoshishige KAMIKADO Toshiya YOKOYAMA Shiyoshi MASHIKO Shinro
2003/04/01	Automatic Annotation of tennis Action for Content-Based Retrieval by Collaborating Audio and Visual Information (in Japanese)	The Transactions of the Institute of Electronics, Information and Communication Engineers D-II	Vol.J86-D-II No.4 pp.511-524	MIYAMORI Hisashi
2003/04/01	Quantum Key distribution with a single photon from squeezed coherent state	PHYSICAL REVIEW A	Vol.67 No.42307 pp.1-7	MATSUOKA Masahiro HIRANO Takuya*
2003/04/01	3-D visualization of the IRI model	ADVANCES IN SPACE RESEARCH	Vol.31 No.3 pp.781-783	WATARI Sinichi IWAMOTO Iwao IGARASHI Kiyoshi ISOGAI Mitsuo ARAKAWA Yoshiki
2003/04/01	Portable space charge measurement system using the pulsed electroacoustic method	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	Vol.10 No.2 pp.331-335	MAENO Takashi
2003/04/01	Word Translation by Combining an Example-Based Method and Machine Learning Models (in Japanese)	Journal of the Association for Natural Language Processing	Vol.10 No.3 pp.87-114	UCHIMOTO Kiyotaka SEKINE Satoshi* MURATA Masaki ISAHARA Hotoshi

2003/04/02	<b>Communication and Broadcasting Experiments Using Unmanned Stratospheric Solar Plane</b>	Satellite Communications Letter	Vol.3 No.1 pp.20-24	NAGATSUKA Mamoru MORISITA Youji* MARUYAMA Masaaki* SUZUKI Mikio* TSUJI Hiroyuki OODO Masayuki ARAKAKI Yoshiya MIURA Ryu NISHI Yuichiro*
2003/04/04	<b>An electrochemical fabrication of nanowire comprised of phthalocyanine</b>	SYNTHETIC METALS	Vol.135-136 pp.763-764	HASEGAWA Hiroyuki KUBOTA Tohru MASHIKO Shinro
2003/04/04	<b>An electrochemical fabrication of nanowire comprised of phthalocyanine</b>	SYNTHETIC METALS	Vol.135-136 pp.763-764	HASEGAWA Hiroyuki KUBOTA Tohru MASHIKO Shinro
2003/04/05	<b>Ultra-fast photonic networks based on optical code-division multiplexing (invited)</b>	Radio Science Bulletin (RSB) International union of radio science (URSI)	No.304 pp.34-47	SOTOBAYASHI Hideyuki
2003/04/10	<b>CRL at Japanese dictionary-based task of SEN-SEVAL-2 —Comparison of various types of machine learning methods and features in Japanese word sense disambiguation— (in Japanese)</b>	Journal of the Association for Natural Language Processing	Vol.10 No.3 pp.115-133	MURATA Masaki UCHIYAMA Masao UCHIMOTO Kiyotaka MA Qing* ISAHARA Hotoshi
2003/04/14	<b>Laser cooling and isotope-shift measurement of Zn<sup>+</sup> with 202-nm ultraviolet coherent light</b>	APPLIED PHYSICS B-LASERS AND OPTICS	Vol.76 No.3 pp.209-213	MATSUBARA Kensuke TANAKA Utako IMAJO Hidetuka URABE Shinji* WATANABE Masayoshi
2003/04/17	<b>Theory of Excitation Energy Transfer Regarded as Nonadiabatic Transition 2: Calculational Evidence of Nonadiabatic Interaction Causing Intermolecular Excitation Energy Transfer</b>	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	Vol.94 pp.36-43	OKUNO Yoshishige MASHIKO Shinro
2003/04/17	<b>Channel selection of subcarrier multiplexed millimeter-wave-band radio-on-fiber signals with optical heterodyne detection</b>	ELECTRONICS LETTERS	Vol.39 No.8 pp.674-676	KURI Toshiaki KITAYAMA Kenichi*
2003/04/20	<b>Development of a gallium-doped germanium far-infrared photoconductor direct hybrid two-dimensional array</b>	APPLIED OPTICS	Vol.42 No.12 pp.2166-2173	FUJIWARA Mikio HIRAO Takanori* KAWADA Mitsunobu* SHIBAI Horoshi* MATSUJURA Syuji* KADEDA Hidehiro* M. Patrashin* NAKAGAWA Takao*
2003/04/25	<b>Exceeding classical capacity limit in quantum optical channel</b>	PHYSICAL REVIEW LETTERS	Vol.90 No.16 p.167906	FUJIWARA Mikio TAKEOKA Masahiro MIZUNO Jun SASAKI Masahide
2003/05/01	<b>Simulation-Based Error Analysis of Doppler Velocity Measured by a Spaceborne Cloud-Profiling Radar in the W-band</b>	Journal of the Meteorological Society of Japan	Vol.82 No.2 pp.425-435	OHSAKI Yuji
2003/05/01	<b>80 Gbit/s Conventional and Carrier-Suppressed RZ Signals Transmission over 200 km Standard Fiber by using Mid-Span Optical Phase Conjugation</b>	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E86-B No.5 pp.1555-1561	INOUE Jun SOTOBAYASHI Hideyuki CHUJO Wataru KAWAGUCHI Hitoshi
2003/05/01	<b>Epitaxial growth of high-quality InN films on sapphire substrates by plasma-assisted molecular-beam epitaxy</b>	JOURNAL OF CRYSTAL GROWTH	Vol.252 pp.128-135	HIGASHIWAKI Masataka MATSUI Toshiaki
2003/05/01	<b>Continuous Variable Teleportation as a Quantum Channel</b>	OPTICS AND SPECTROSCOPY	Vol.94 No.5 pp.734-742	TAKEOKA Masahiro SASAKI Masahide BAN Masashi*
2003/05/01	<b>Dynamical response of the magnetosphere-ionosphere system to a solar wind dynamic pressure oscillation</b>	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.108 No.A5 pp.1-15, 15-13	MOTOKA Tetsuo KIKUCHI Takashi OKUZAWA Takashi* YUMOTO Kiyohumi*
2003/05/01	<b>Monopolar spindle attachment of sister chromatids is ensured by two distinct mechanisms at the first meiotic division in fission yeast.</b>	EMBO JOURNAL	Vol.22 No.9 pp.2284-2296	YAMAMOTO Ayumu HIRAOKA Yasushi
2003/05/01	<b>Linear element formation and their role in meiotic sister chromatid cohesion and chromosome pairing</b>	JOURNAL OF CELL SCIENCE	Vol.116 pp.1719-1731	Monika Molnar Eveline DOLL* YAMAMOTO Ayumu HIRAOKA Yasushi Jurg KOHLI*
2003/05/12	<b>Two-photon-induced polymerization in a laser gain medium for optical microstructure</b>	APPLIED PHYSICS LETTERS	Vol.82 pp.3221-3223	YOKOYAMA Shiyoshi NAKAHAMA Tatsuo MIKI Hideki MASHIKO Shinro
2003/05/21	<b>Dendrimers for Optoelectronics Applications</b>	TOPICS IN CURRENT CHEMISTRY	Vol.228 pp.205-226	YOKOYAMA Shiyoshi OTOMO Akira NAKAHAMA Tatsuo OKUNO Yoshishige MASHIKO Shinro
2003/05/24	<b>A Comparative Web Browser (CWB) for Browsing and Comparing Web Pages</b>	The Twelfth International World Wide Web Conference	Vol.WWW2003 pp.727-735	NADAMOTO Akiyo TANAKA Katsumi*
2003/05/26	<b>Delivery for Ubiquitous Content Based on Device Cooperation (in Japanese)</b>	DBSJ Letters	Vol.2 No.1 pp.19-22	KIDAWARA Yutaka ZETTSU Kouji KATSUMOTO Michiaki

2003/05/29	Global view of the nighttime low-latitude ionosphere by the IMAGE/FUV 135.6 nm observations	GEOPHYSICAL RESEARCH LETTERS	Vol.30 No.10 pp.41-1, 41-4	SAGAWA Eiichi MARUYAMA Takashi Thomas J. IMMEL* Harald U. FREY* Stephen B. MENDE*
2003/06/01	Accuracy evaluation of Doppler velocity on a spaceborne weather radar through a random signal simulation	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Vol.20 No.6 pp.944-949	KOBAYASHI Satoru KUMAGAI Hiroshi IGUCHI Toshio
2003/06/01	A New Configuration of Polarization-Rotating Dual-Beam Interferometer for Space Use	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.51 No.6 pp.1696-1704	MANABE Takeshi INATANI Junji* Axel Murk* Richard J. Wylde* SETA Masumichi Derek H. Martin*
2003/06/01	Temperature Dependence of the Low-Frequency Noise Properties in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>y</sub> Intrinsic Josephson Junctions	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.904-907	SAITOH Atsushi ISHIDA Hiroki* IRIE Akinobu* KAWAKAMI Akira Wang Zhen OOYA Ginichiro* HAMAZAKI Katsuyoshi*
2003/06/01	Fabrication of Josephson Junctions With As-Grown MgB <sub>2</sub> Thin Films	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.1067-1070	SAITOH Atsushi KAWAKAMI Akira SHIMAKAGE Hisashi TERAI Hirotaka Wang Zhen
2003/06/01	Dense Wavelength-Division Multiplexing Millimeter-Wave-Band Radio-on-Fiber Signal Transmission With Photonic Downconversion	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.21 No.6 pp.1510-1517	KURI Toshiaki TODA Hiroyuki* KITAYAMA Kenichi*
2003/06/01	Evaluation of GPS-based ionospheric TEC map by comparing with VLBI data	RADIO SCIENCE		SEKIDO Mamoru KONDO Tetsuro KAWAI Eiji IMAE Michito
2003/06/01	A Low-Cost and Stable Millimeter-wave Transmission System Using a Transmission-Filter-Less Double-Side-Band Millimeter-Wave Self-Heterodyne Transmission Technique	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E86-B No.6 pp.1884-1892	SHOJI Yoza HAMAGUCHI Kiyoshi OGAWA Hiroyo
2003/06/01	THREE-DIMENSIONAL SPACE CHARGE OBSERVATION OF ION MIGRATION IN A METAL-BASE PRINTED CIRCUIT BOARD	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	Vol.10 No.3 pp.458-462	FUKUNAGA Kaori MAENO Takashi OKAMOTO Kenji*
2003/06/01	Accurate Josephson Voltage-Frequency Relation in a Granular Array of Mesoscopic SNS Weak-Links	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.150-154	MATSUI Toshiaki Oota Hiroshi
2003/06/01	Cold collisions between linear polar molecules	EUROPEAN PHYSICAL JOURNAL D	Vol.23 pp.337-342	KAJITA Masatoshi
2003/06/01	Preparation of As-Grown MgB <sub>2</sub> Thin Films by Co-Evaporation Method at Low Substrate Temperature	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.3309-3312	SHIMAKAGE Hisashi SAITOH Atsushi KAWAKAMI Akira Wang Zhen
2003/06/01	Practical scheme for the optimal measurement in quantum interferometric devices	PHYSICS LETTERS A	Vol.313 No.1-2 pp.16-20	TAKEOKA Masahiro BAN Masashi* SASAKI Masahide
2003/06/01	A Comparative Study on Merging Results from WWW Retrieval System (in Japanese)	Journal of the Information Processing Society of Japan	Vol.44 No.SIG8 pp.79-91	OZAKU Hiromi UCHIYAMA Masao ISAHARA Hitoshi Kono Yasuyuki* KIDODE Masatsugu*
2003/06/01	Estimation of Surface Resistance for Epitaxial NbN Films in the Frequency Range of 0.1-1.1 THz	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.1147-1150	KAWAKAMI Akira MIKI Shigeto UZAWA Yoshinori Wang Zhen
2003/06/01	The Effects of Dc Bias Current in Large-Scale SFQ Circuits	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.502-506	TERAI Hirotaka KAMEDA Yoshio* YOROZU Shinichi* FUJIMAKI Akira* Wang Zhen
2003/06/01	Design and analysis of an all-NbN SIS mixer using a tuning circuit with two half-wavelength distributed junctions	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.688-691	UZAWA Yoshinori TAKEDA Masanori KAWAKAMI Akira Wang Zhen
2003/06/01	Improvement of Phonon Diffusion Efficiency in Phonon-Cooled NbN Hot Electron Bolometer Mixers	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.42 6A pp.3383-3386	MIKI Shigeto KAWAKAMI Akira UZAWA Yoshinori Wang Zhen
2003/06/01	Characterization of low frequency noise in epitaxial NbN/AlN/NbN tunnel junctions	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.131-134	Wang Zhen SAITOH Atsushi KAWAKAMI Akira HAMAZAKI Katsuyoshi*
2003/06/01	Development of a Waveguide NbN-Based SIS Mixer in the 900-GHz Band	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.13 No.2 pp.692-695	TAKEDA Masanori UZAWA Yoshinori Wang Zhen SAITOH Atsushi KAWAKAMI Akira
2003/06/10	Scalable Chaotic Cipher and its Performance Evaluation for Hardware Implementation (in Japanese)	IP JAPAN 2003	pp.1-5	UMENO Ken
2003/06/15	Ultralow-noise near-infrared detection system with a Si p-i-n photodiode	OPTICS LETTERS	Vol.28 No.12 pp.1010-1012	AKIBA Makoto FUJIWARA Mikio

2003/06/16	<b>OCDM techniques for improved spectral densities</b>	Optical Society of America Trends in Optics and Photonics	Vol.77 pp.278-283	SOTOBAYASHI Hideyuki
2003/06/25	<b>Performance of Two-way Satellite Time and Frequency Transfer in Asia-Pacific Region</b>	JOURNAL OF GEODETIC SOCIETY OF JAPAN	Vol.49 No.2 pp.135-142	Sun Hongwei IMAE Michito GOTOH Tadahiro
2003/06/27	<b>Simultaneous demultiplexing and clock recovery for 160 Gbit/s OTDM signal using a symmetric Mach-Zehnder switch in electrooptic feedback loop</b>	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.15 No.7 pp.1008-1010	MIYAZAKI Tetsuya KUBOTA Fumito
2003/07/01	<b>Optimum Receiver Structure of SISO decoder for QAM systems over a Phase Noise Environment</b>	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.86-B No.7 pp.2103-2111	MINOWA Tadashi
2003/07/01	<b>A novel channel selection scheme of dense wavelength division multiplexed millimeter-wave-band radio-on-fiber signals with optical heterodyne detection</b>	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E86-C No.7 pp.1146-1152	KURI Toshiaki KITAYAMA Kenichi*
2003/07/01	<b>Variable Pulse Repetition Frequency for the Global Precipitation Measurement Project (GPM)</b>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Vol.41 No.7 pp.1714-1718	KOBAYASHI Satoru IGUCHI Toshio
2003/07/01	<b>A Novel Technique for Optical Generation of Millimeter-Wave Signals Using Multiple Phase-locked Lasers</b>	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E86-C No.7 pp.1236-1244	HYODO Masaharu WATANABE Masayoshi
2003/07/01	<b>Segregation of molecular overlayers with different structures on a metal surface</b>	THIN SOLID FILMS	Vol.437-439 pp.97-100	SUZUKI Hitoshi MIKI Hideki YOKOYAMA Shiyoshi MASHIKO Shinro
2003/07/01	<b>Experimental Demonstration of 622 Mbps Millimeter-wave over Fiber Link for Broadband Fixed Wireless Access System</b>	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E86-6 No.7 pp.1129-1137	SHOJI Yozo OGAWA Hiroyo
2003/07/01	<b>Antireflection coating formed by plasma-enhanced chemical vapor deposition for terahertz-frequency germanium optics</b>	APPLIED OPTICS	Vol.42 No.19 pp.4045-4048	HOSAKO Iwao
2003/07/01	<b>Theoretical Evaluation of Condition of EUT Installation in a GTEM Cell on Immunity Testing (in Japanese)</b>	The Transactions of the Institute of Electronics, Information and Communication Engineers B	Vol.J86-B No.7 pp.1183-1190	ISHIGAMI Shinobu HARIMA Katsushige YAMANAKA Yukio
2003/07/01	<b>Discrete stochastic process underlying perceptual rivalry</b>	NEUROREPORT	Vol.14 No.10 pp.1347-1352	MURATA Tsutomu MATSUI Nobuyuki* MIYAUCHI Satoru KAKITA Yuki* YANAGIDA Toshio
2003/07/01	<b>Short-Duration Space Charge Observation in LDPE at the Electrical Breakdown (in Japanese)</b>	Journal of the Institute of Electrical Engineers of Japan	Vol.123-A No.7 pp.669-675	MATSUI Kohei TANAKA Yasuhiro* TAKADA Tatsuo* FUKAO Tadashi* MAENO Takashi
2003/07/01	<b>Unambiguous quantum-state filtering</b>	PHYSICAL REVIEW A	Vol.68 No.1 p.12307	TAKEOKA Masahiro BAN Masashi* SASAKI Masahide
2003/07/01	<b>Selection of Impression Words for Impression-based Retrieval (in Japanese)</b>	Journal of the Information Processing Society of Japan	Vol.44 No.7 pp.1808-1811	KUMAMOTO Tadahiko OTA Kimiko
2003/07/01	<b>Cost Consideration For Future Communications Satellite</b>	ACTA ASTRONAUTICA	Vol.53 pp.805-810	IIDA Takashi
2003/07/02	<b>Cell cycle behavior of human HP1 subtypes: distinct molecular domains of HP1 are required for their centromeric localization during interphase and metaphase</b>	JOURNAL OF CELL SCIENCE	Vol.116 No.16	HAYAKAWA Tomohiro HARAGUCHI Tokuko MASUMOTO Hiroshi* HIRAOKA Yasushi
2003/07/10	<b>Reliable Measures for Aligning Japanese-English News Articles and Sentences (in Japanese)</b>	Journal of the Association for Natural Language Processing	Vol.10 No.4 pp.201-220	UCHIYAMA Masao ISAHARA Hitoshi
2003/07/28	<b>Simulation of one-dimensional cellular automata by uniquely parallel parsable grammars</b>	THEORETICAL COMPUTER SCIENCE		Lee Jia IMAI Katsunobu* MORITA Kenichi*
2003/08/01	<b>A Measuring Technique of Amplifiers' Non-linear Characteristics with Digital Terrestrial Television Broadcasting Signals (in Japanese)</b>	Journal of the Institute of Image Information and Television Engineers	Vol.57 No.8 pp.1008-1012	NAGATSUKA Mamoru
2003/08/01	<b>Theoretical Study of Excitation-Energy Transfer in a Diarylethylene-Linked Porphyrin Array</b>	THIN SOLID FILMS	Vol.438-439 pp.215-220	OKUNO Yoshishige MASHIKO Shinro
2003/08/01	<b>Effective photocrosslinking reaction of dendrimers through triplet energy transfer</b>	THIN SOLID FILMS	Vol.438-439 pp.85-89	FURUMI Seichi OTOMO Akira YOKOYAMA Shiyoshi MASHIKO Shinro
2003/08/01	<b>Study on laser action from UV-curable chiral nematic liquid crystals</b>	THIN SOLID FILMS	Vol.438-439 pp.423-427	FURUMI Seichi YOKOYAMA Shiyoshi OTOMO Akira MASHIKO Shinro
2003/08/01	<b>Tuning of laser frequency in random media of dye-doped polymer and glass-particle hybrid</b>	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.42 pp.L970-L973	YOKOYAMA Shiyoshi MASHIKO Shinro

2003/08/01	<b>Ultrafast Photonic Network Based in Optical Code Division Multiplexing (in Japanese)</b>	Journal of the Optical Society of Japan	Vol.32 No.8 pp.498-504	SOTOBAYASHI Hideyuki
2003/08/01	<b>Blur reduction in the focal plane of optical receivers by exploiting the negative refractive behavior of photonic crystals</b>	OPTICAL REVIEW	Vol.10 No.4 pp.295-300	TAKAYAMA Yoshihisa Klaus Werner
2003/08/01	<b>Optimized linear attack against stream ciphers of pseudo random number generators using non-linear combiner</b>	Journal of the Information Processing Society of Japan	Vol.44 No.8 pp.2163-2169	TANAKA Hidema* KANEKO Toshinobu
2003/08/22	<b>Fabrication of molecular nanowire using an electrochemical method</b>	THIN SOLID FILMS	Vol.438-439 pp.352-355	HASEGAWA Hiroyuki KUBOTA Tohru MASHIKO Shinro
2003/08/22	<b>Fabrication of nano-gap electrodes for measuring electrical properties of organic molecules using a focused ion beam</b>	THIN SOLID FILMS	Vol.438-439 pp.374-377	NAGASE Takashi KUBOTA Tohru MASHIKO Shinro