

List of Published Presentation Papers (Sep.2004—Feb.2005)

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Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2004/09/01	Adaptation to left-right reversed vision rapidly activates ipsilateral visual cortex in humans	JOURNAL OF PHYSIOLOGY-PARIS	Vol.98 No.1/3 pp.207-219	MIYAUCHI Satoru EGUSA Hiroyuki AMAGASE Masahiro* SEKIYAMA Kaoru* IMARUOKA Toshihide TASHIRO Takara*
2004/09/01	Neural mechanisms of spatial S-R compatibility: the effect of crossed hand position	EXPERIMENTAL BRAIN RESEARCH	Vol.158 No.1 pp.9-17	MATSUMOTO Eriko MISAKI Masaya MIYAUCHI Satoru
2004/09/01	Meiosis induced by inactivation of Pat1 kinase proceeds with aberrant nuclear positioning of centromeres in the fission yeast <i>Schizosaccharomyces pombe</i> .	GENES TO CELLS	Vol.9 pp.671-684	CHIKASHIGE Yuji KUROKAWA Rumi HARAGUCHI Tokuko HIRAOKA Yasushi
2004/09/01	Planar defect modes excited at the band edge of three-dimensional photonic crystals	JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN	Vol.73 No.9 pp.2355-2357	IIDA Masaru TANI Masahiko* SAKAI Kiyomi WATANABE Masayoshi KITAHARA Hideaki* TOHME Takuya* TAKEDA Mitsuo*
2004/09/01	Over 1.3 μm CW laser-emission from an InGaSb quantum-dot vertical-cavity surface-emitting laser on GaAs substrate	ELECTRONICS LETTERS	Vol.40 No.18 pp.1120-1121	YAMAMOTO Naokatsu AKAHANE Koichi GOZU Shin-ichiro OHTANI Naoki
2004/09/01	Topic Structure Based Query-Free Web Retrieval Mechanism for Information Integration of Web and TV-program	Information Processing Society of Japan	Vol.45 SIG10 pp.18-36	Ma Kyo TANAKA Katsumi
2004/09/01	Development of Geodetic VLBI System and Direct Measurements of Plate Motion	Journal of the Geodetic Society of Japan	Vol.50 No.4 pp.245-262	KONDO Tetsuro
2004/09/01	Wavelength tunable high-repetition-rate picosecond and femtosecond pulse sources based on highly nonlinear photonic crystal fiber	IEEE JOURNAL OF QUANTUM ELECTRONICS	Vol.10 No.5 pp.1203-1210	Abedin Kazi Sarwar KUBOTA Fumito
2004/09/01	Role of plasma waves for the radiation belt variation	Space Radiation	Vol.4 No.2 pp.81-90	OBARA Takahiro NAKAMURA Masao
2004/09/01	Molecular Beam Apparatus with a Spray-jet Technique: Formation of Molecular Clusters Consisting of Neutral Non-volatile Solute Molecules and Solvent Molecules	ITE Letters on Batteries, New Technologies & Medicine	Vol.5 No.4 pp.358-362	YAMADA Toshiki SHINOHARA Hidenori* Maofa Ge* MASHIKO Shinro
2004/09/01	Binocular Vision and Conscious Peercepts-Neural Mechanisms of Visual Consciousness	Japanese Association of Certified Orthoptists	Vol.33 pp.7-14	MURATA Tsutomu
2004/09/01	An Adaptive Power Distribution Algorithm for Improving Spectral Efficiency in OFDM	IEEE TRANSACTIONS ON BROADCASTING	Vol.50 No.3 pp.347-350	Ming Lei Ping Zhang* HARADA Hiroshi WAKANA Hiromitsu
2004/09/01	Subband adaptive loading for combination of OFDM and adaptive antenna array	IEICE TRANSACTIONS ON COMMUNICATIONS	E87-B No.9 pp.2798-2802	Ming Lei HARADA Hiroshi WAKANA Hiromitsu Ping Zhang*
2004/09/01	Optical code division multiplexing (OCDM) based ultrafast photonic network	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	Vol.5545 pp.20-25	SOTOBAYASHI Hideyuki
2004/09/01	Web Information Filtering based on blog Trust	The Database Society of Japan	Vol.3 No.2 pp.105-108	NAKAJIMA Shinsuke TANAKA Katsumi
2004/09/01	A new iterative MoM/FDTD formulation for simulating human exposure to electromagnetic waves	IEICE TRANSACTIONS ON ELECTRONICS	E87-C No.9 pp.1540-1547	MOCHIDUKI Shoji WATANABE Soichi TAKI Masao* YAMANAKA Yukio SHIRAI Hiroshi*
2004/09/11	Atomic nanofabrication using an ytterbium atomic beam	Science and Technology of Advanced Material	Vol.5 No.5/6 pp.585-588	OOMUKAI Ryuzo URABE Shinji* WATANABE Masayoshi
2004/09/15	Barrier thickness dependence of electrical properties and DC device characteristics of AlGaIn/GaN heterostructure field-effect transistors grown by plasma-assisted molecular-beam epitaxy	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.43 9A/B pp.1167-1169	HIGASHIWAKI Masataka MATSUI Toshiaki
2004/09/16	Enhancement of MLD for SDM/OFDM using power imbalance of polarization and pre-phase distortion scheme	ELECTRONICS LETTERS	Vol.40 1P pp.1199-1200	Ahn Chang Jun
2004/09/25	Highly Accurate Time Comparison Equipment Plan for Satellite Positioning	Japan Institute of Navigation	No.111 pp.157-163	TAKAHASHI Yasuhiro IMAE Michito* GOTO Tadahiro NAKAGAWA Fumimaru FUJIEDA Miho NODA Hiroyuki* SANO Kazuhiko*
2004/10/01	TOWARD IMPLEMENTATION OF CODING FOR QUANTUM SOURCES AND CHANNELS	Holevo 60's birthday memorial papers	pp.130-143	SASAKI Masahide
2004/10/01	Signature of TEC storm on November 6, 2001 Derived from Dense GPS Receiver Network and Ionosonde Chain over Japan	JOURNAL OF GEOPHYSICAL RESEARCH, Space Physics	Vol.109 A10302 pp.1-11	MARUYAMA Takashi Ma Guanyi* NAKAMURA Maho

2004/10/01	Combined iterative demapping and decoding for code MBOK DS-UWB systems	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E-87 No.10 pp.2621-2629	TAKIZAWA Ken-ichi KOHNO Ryuji
2004/10/01	Weak-Signal Reception for Measuring Geostationary Orbital Positions	The Institute of Electronics, Information and Communication Engineers	J87-B No.10 pp.1839-1842	KAWASE Seiichiro
2004/10/01	Collisions between molecules in the J=O state	EUROPEAN PHYSICAL JOURNAL D	Vol.31 No.1 pp.39-43	KAJITA Masatoshi
2004/10/01	Improvement of Software Timestamp Accuracy with Interrupt Handler and High Precision PC	The Institute of Electronics, Information and Communication Engineers	J87-B No.10 pp.1678-1685	MACHIZAWA Akihiko KITAGUCHI Yoshiaki*
2004/10/01	Fundamental Study on Measurement of Complex Permittivity of Liquid at Millimeter-Wave Band	The Institute of Electronics, Information and Communication Engineers	J87-C No.10 pp.774-776	HANAZAWA Masahiro FUKUNAGA Kaori WATANABE Soichi YAMANAKA Yukio HASHIMOTO Osamu*
2004/10/01	Characteristics of MgB ₂ /AlN/NbN Josephson junctions with optimized conditions	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	Vol.17 pp.1376-1380	SHIMAKAGE Hisashi TSUJIMOTO Kazuya Zhen Wang TONOUCHI Masayoshi*
2004/10/01	Characteristics of Dual Frequency Planar Monopole Antenna for UWB System	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E87-A No.10 pp.2607-2614	RIKUTA Yuko KOHNO Ryuji
2004/10/01	Can a robot empathize with people?	Artificial Life and Robotics, an International Journal	Vol.8 pp.83-88	KOJIMA Hideki NAKAGAWA Kokoro YANO Hiroyuki
2004/10/01	Integrated Use of Internal and External Evidence in the Alignment of Compound Words	The Association for Natural Language Processing	Vol.11 No.4 pp.89-103	YOSHIMI Takehiko KUTSUMI Takeshi* KOTANI Katsunori* SATA Ichiko* ISAHARA Hitoshi
2004/10/01	Measurement of Hot-Spot Zones for Design of Wide-Band Systems at 70-GHz	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E87-A No.10 pp.2657-2667	KANAZAWA Ami OGAWA Hiroyo
2004/10/10	Universal Model for Paraphrasing-Using Transformation Based on a Defined Criteria	The Association for Natural Language Processing	Vol.11 No.5 pp.113-133	MURATA Masaki ISAHARA Hiroshi
2004/10/10	Automatic Paraphrase Acquisition Based on Matching of Definition Sentences in Plural Dictionaries	The Association for Natural Language Processing	Vol.11 No.5 pp.135-149	MURATA Masaki KANAMARU Toshiyuki* ISAHARA Hitoshi
2004/10/15	TCPMobile:Improving TCP Performance in Wireless Networks	IPSJ (Information Processing Society, Japan) Journal	Vol.45 No.10 pp.2279-2286	Hoang Vinh Dien Shao Zhenhai FUJISE Masayuki
2004/10/25	Right-lateralized neural activity during inner speech repeated by cues	NEUROREPORT	Vol.15 No.15 pp.2341-2345	FUJIMAKI Norio HAYAKAWA Tomoe MATANI Ayumu* OKABE Yoichi*
2004/11/01	A class of inverse monoids acting on ordered forests	JOURNAL OF ALGEBRA	Vol.281 No.1 pp.15-67	MURAYAMA Akihiro
2004/11/01	Secure Service and Network Framework for Mobile Ethernet	WIRELESS PERSONAL COMMUNICATIONS	Vol.2004 No.29 pp.161-190	KURODA Masahiro YOSHIDA Mariko* ONO Ryoji* KIYOMOTO Shinsaku* TANAKA Toshiaki*
2004/11/01	Reverse Link Performance Improvement for Wideband OFDM Using Alamouti Coded Heterogeneous Polarization Antennas	IEICE TRANSACTIONS ON COMMUNICATIONS	E87-B No.11 pp.3281-3288	Ahn Chang Jun KAMIO Yukiyo TAKAHASHI Satoshi HARADA Hiroshi
2004/11/01	High reflectivity superstructured FBG for coherent optical code generation and recognition	OPTICS EXPRESS	Vol.12 No.22 pp.5457-5768	Wang Xu MATSUSHIMA Koji* NISHIKI Akihiko* WADA Naoya KITAYAMA Ken-ichi*
2004/11/01	Space Charge Behaviour and Internal Electric Field Distribution of Printed Circuit Board Insulations	Japan Institute of Electronics Packaging	Vol.7 No.7 pp.635-638	FUKUNAGA Kaori OKAMOTO Kenji* MAENO Takashi
2004/11/01	COUPLING OF RELATIVISTIC ELECTRONS IN THE INNER MAGNETOSPHERE TO SPACE WEATHER PHENOMENA	Multiscale Coupling in Sun-Earth system, edited by A.T.Lui and Y.Kamide	pp.135-144	OBARA Takahiro GOKA Tateo* MATSUMOTO Haruhisa*
2004/11/01	Quantum state discrimination with linear optics and continuous measurement	Quantum communication, measurement and computing	pp.67-70	TAKEOKA Masahiro SASAKI Masahide Peter van Loock* Norbert Luetkenhaus*
2004/11/01	PER and EVM Measurements of a Radio-Over-Fiber Network for Cellular and WLAN System Applications	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.22 No.11 pp.2370-2376	FUJISE Masayuki P.K.Tang* L.C.Ong* A.Alplones* B.Luo*

2004/11/01	Estimation and Correction of Beam Mismatch of the Precipitation Radar After an Orbit Boost of the Tropical Rainfall Measuring Mission Satellite	IEEE TRANSACTIONS ON GEO-SCIENCE AND REMOTE SENSING	Vol.42 No.11 pp.2362-2369	TAKAHASHI Nobuhiro IGUCHI Toshio
2004/11/01	Ultrafast OTDM/WDM networks by use of photonic processing	SPIE ROMOPTO	Vol.5581 pp.556-563	SOTOBAYASHI Hideyuki CHUJO Wataru OZEKI Takeshi*
2004/11/01	Optical code-division multiplexing and its application to ultrafast photonic networks	SPIE ROMOPTO	Vol.5581 pp.26-39	SOTOBAYASHI Hideyuki
2004/11/01	Optical Magnetic Field Probe with a Loop Antenna Element Doubly Loaded With Electrooptic Crystals	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	Vol.46 No.4 pp.641-647	SUZUKI Eiji ARAKAWA Satoru OTA Hiroyasu ARAI Ken-ichi SOTO Risaburo
2004/11/01	Broad-band double-layered coplanar patch antennas with adjustable CPW feeding structure	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Vol.52 No.11 pp.3153-3156	Tang Jianhui* Li Keren MATSUI Toshiaki IZUTSU Masayuki
2004/11/01	Development of coplanar patch antennas	Transactions, The Hong Kong Institution of Engineers	Vol.11 No.4 pp.1-5	Tang Jianhui* Li Keren MATSUI Toshiaki
2004/11/05	Improvement of the Coding Performance of SSFBG En/Decoder by Apodization Technique	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	Vol.43 No.3 pp.247-250	Wang Xu KITAYAMA Ken-ichi* NISHIKI Akihiko*
2004/11/08	Optical magnetic field probe with a loop antenna element doubly loaded with LiNbO ₃ crystals	IEICE TRANSACTIONS ON COMMUNICATIONS	E87-C No.11 pp.1989-1996	SUZUKI Eiji ARAKAWA Satoru OTA Hiroyasu ARAI Ken-ichi* SATO Risaburo
2004/11/19	Displacement measuring technique for satellite-to-satellite laser interferometer to determine Earth's gravity field	Measurement Science and Technology	pp.2406-2411	NAGANO Shigeo YOSHINO Taizo* KUNIMORI Hiroo HOSOKAWA Mizuhiko KAWAMURA Seiji* SATO Takashi* OOKAWA Masashi*
2004/12/01	Testing of Digital Television Broadcasting from the Stratosphere	IEEE TRANSACTIONS ON BROADCASTING	Vol.50 No.4 pp.360-368	NAGATSUKA Mamoru MORISHITA Yoji* SUZUKI Mikio* MIURA Ryu
2004/12/01	Mobile-Terminal Localization Based on Local Scattering Model in Multipath Environments	The Institute of Electronics, Information and Communication Engineers	J87-B No.12 pp.2020-2028	KIKUCHI Shohei TSUJI Hiroyuki MIURA Ryu SANO Akira*
2004/12/01	70-GHz Band MMIC Transceiver with Integrated Antenna Diversity System: Application of Receiver-Module-Arrayed Self-Heterodyne Technique	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.52 No.11 pp.2541-2549	SHOJI Yozo OGAWA Hiroyo
2004/12/01	Superposition of DQPSK over inverse-RZ for 3-bit/symbol modulation-demodulation	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.16 No.12 pp.2643-2645	MIYAZAKI Tetsuya KUBOTA Fumito
2004/12/01	Distance Dependence of Path Loss for Millimeter Wave Inter-Vehicle Communications	Radioengineering	Vol.13 No.4 pp.8-13	TAKAHASHI Satoshi KATO Akihito SATO Katsuyoshi FUJISE Masayuki
2004/12/01	EPR beams and photon number detector: Toward synthesizing optical nonlinearity	Quantum Communication, Measurement, and Computing (American Institute of Physics)	pp.44-47	SASAKI Masahide WAKUI Kentaro MIZUNO Jun FUJIWARA Mikio AKIBA Makoto
2004/12/01	Hologram multiplexing with distorted wavefront and disarrayed polarization by use of a fiber bundle in rotary movement	OPTICS COMMUNICATIONS	Vol.242 pp.411-415	TAKAYAMA Yoshihisa OKAZAKI Yumi* ARUGA Tadashi KODATE Kashiko*
2004/12/01	Vertical wind distribution in the polar thermosphere during Horizontal E Region Experiment (HEX) campaign	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.109 A12311 pp.1-9	ISHII Mamoru KUBOTA Minoru* M.Conde* R.W.Smith* M.Krynicky*
2004/12/01	Performance of GaAs JFET at a cryogenic temperature for application to readout circuit of high-impedance detectors	IEEE TRANSACTIONS ON ELECTRON DEVICES	Vol.51 No.12 pp.2042-2047	FUJIWARA Mikio SASAKI Masahide
2004/12/01	REFORMATION OF OUTER BELT ELECTRONS BY MAGNETIC STORM	PROCEEDINGS OF THE 24-th INTERNATIONAL SYMPOSIUM ON SPACE TECHNOLOGY AND SCIENCE (Selected Papers)	pp.930-935	OBARA Takahiro NAKAMURA Masao KOGA Kiyokazu* GOKA Tateo* MIYOSHI Yoshizumi*
2004/12/01	Stable photonic millimeter-wave generation using an integrated reciprocating optical modulator	IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS	Vol.14 No.12 pp.566-568	KAWANISHI Tetsuya SAKAMOTO Takahide SHINADA Satoshi IZUTSU Masayuki
2004/12/01	Design and Analysis of UWB BPF with Ring Resonator	The Institute of Electronics, Information and Communication Engineers	J87-C No.12 pp.1038-1044	ISHIDA Hitoshi ARAKI Kiyomichi*
2004/12/01	Laboratory Microwave Spectroscopy of the cyanomethyl radical, CH ₂ CN	ASTROPHYSICAL JOURNAL	Vol.617 pp.680-684	OZEKI Hiroyuki HIRAO Tsuyoshi* SAITO Shuji* YAMAMOTO Satoshi*
2004/12/01	Natural Vision-Innovative image and video system based on multiprimary colors	The Institute of Image Information and Television Engineers	Vol.58 No.12 pp.1722-1727	YAMAGUCHI Masahiro

2004/12/03	Rotational invariance as an additional constraint on local realism	PHYSICAL REVIEW LETTERS	Vol.93 230403 pp.1-4	NAGATA Koji Wieslaw Laskowski* Marcin Wiesniak* Marek Zukowski*
2004/12/10	High-Quality GaSb/AlGaSb Quantum Well Grown on Si Substrate	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.44 No.1 L15-L17	AKAHANE Koichi YAMAMOTO Naokatsu GOZU Shin-ichiro OHTANI Naoki
2005/01/01	Experimental Equipments for Orbital Maintenance System Utilizing COTS Technologies	The Institute of Electronics, Information and Communication Engineers	J88-B No.1 pp.21-32	KIMURA Shin-ichi YAMAMOTO Hiroshi NAGAI Yasufumi HASHIMOTO Hidekazu* TAKAHASHI Nobuhiro* KATO Matsuaki* YOSHIHARA Keisuke*
2005/01/01	Effect of a Multi-Band OFDM-MIMO system on Frequency-selective Propagation Characteristics	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.1 pp.19-27	OOKAWA Mitsugu KOHNO Ryuji*
2005/01/01	Interferometric Monitoring of Satellite Longitudes	INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING	Vol.23 No.1 pp.67-76	KAWASE Seiichiro
2005/01/01	Determination of GPS receiver differential biases by neural network parameter estimation method	RADIO SCIENCE	Vol.40 RS1002 pp.1-13	Ma Xiao Feng MARUYAMA Takashi Ma Guanyi* TAKEDA T*
2005/01/01	High-speed optical FSK modulator for optical packet labeling	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.23 No.1 pp.87-94	KAWANISHI Tetsuya HIGUMA Kaoru* FUJITA Takahisa* ICHIKAWA Jun-ichiro* SAKAMOTO Takahide SHINADA Satoshi IZUTSU Masayuki
2005/01/01	Fast computation algorithm for finding stable molecular structures using network-connected computers	CHEMICAL PHYSICS LETTERS	Vol.401 pp.35-39	OKUNO Yoshishige MASHIKO Shinro
2005/01/01	An Equivalent Steering Vector Model of an Electronically Steerable Parasitic Array Antenna and Its Structural Parameter Extraction	The Institute of Electronics, Information and Communication Engineers	J88-B No.1 pp.291-309	IIGUSA Kyoichi OHIRA Takashi* KOMIYAMA Bokuji*
2005/01/01	Transmission and Reflection Characteristics of Slightly Irregular Wire-grids with Finite Conductivity for Arbitrary Angles of Incidence and Grid Rotation	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Vol.53 No.1 pp.250-259	MANABE Takeshi Axel Murk*
2005/01/01	A Convenient Expression of the Rate Constant for Nonadiabatic Transition	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	Vol.102 pp.8-18	OKUNO Yoshishige MASHIKO Shinro
2005/01/01	Penalty-Function Guidance for Multiple-Satellite Cluster Formation	JOURNAL OF GUIDANCE CONTROL AND DYNAMICS	Vol.28 No.1 pp.182-185	UMEHARA Hiroaki Colin R. McInnes*
2005/01/04	Experimental demonstration of entanglement-assisted coding using a two-mode squeezed vacuum state	PHYSICAL REVIEW A	Vol. Jan. 71 No. 12304 pp.1-4	MIZUNO Jun WAKUI Kentaro FURUSAWA Akira SASAKI Masahide
2005/01/10	Flare-Associated coronal disturbances observed with the Norikura green-line imaging system. I. A coronal mass ejection onset	ASTROPHYSICAL JOURNAL	Vol.618 pp.1001-1011	HORI Kuniko ICHIMOTO Kiyoshi* I. Sano* SAKURAI Takashi* NISHINO Yohei*
2005/01/11	Precise Frequency-Drift Measurement of the Extended-Cavity Diode Laser Stabilized with a Scanning Transfer Cavity	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.44 1A pp.229-230	MATSUBARA Kensuke UETAKE Satoshi* ITO Hiroyuki Li Ying HAYASAKA Kazuhiro HOSOKAWA Mizuhiko
2005/01/15	Nanometric summation architecture based on optical near-field interaction between quantum dots	OPTICS LETTERS	Vol.30 No.2 pp.201-203	NARUSE Makoto MIYAZAKI Tetsuya KUBOTA Fumito KAWAZOE Tadashi* KOBAYASHI Kiyoshi* SANNOMIYA Shun* OHTSU Gen-ichi*
2005/01/15	Ultrahigh sensitivity and high-linearity photodetection system using a low-gain avalanche photodiode with an ultralow-noise readout circuit	OPTICS LETTERS	Vol.30 No.2 pp.123-125	AKIBA Makoto FUJIWARA Mikio SASAKI Masahide
2005/01/25	Integrated reciprocating optical modulator using phase-shifted fiber Bragg grating	IEICE Electron.Express	Vol.2 No.2 pp.49-53	KAWANISHI Tetsuya OIKAWA Satoshi* YOSHIARA Kiichi* SHINADA Satoshi SAKAMOTO Takahide IZUTSU Masayuki

2005/02/01	Strong photoluminescence and laser operation of InAs quantum dots covered by a GaAsSb strain-reduced layer	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	Vol.26 No.1/4 pp.395-399	AKAHANE Koichi YAMAMOTO Naokatsu GOZU Shin-ichiro OHTANI Naoki
2005/02/01	Differential Modulated Pilot Symbol Assisted Adaptive OFDM for Reducing the MLI with Predicted FBI	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.2 pp.436-442	Ahn Chang Jun TAKAHASHI Satoshi HARADA Hiroshi
2005/02/01	Relationship among frequency, temperature of the cooling water and beam current in submillimeter wave gyrotron FU-IV	REVIEW OF SCIENTIFIC INSTRUMENTS	Vol.76 No.23502 pp.1-6	HORI Toshihiro IDEHARA Toshitaka* SASAGAWA Hiroyuki* KIMURA Jun* OGAWA Isamu* MITSUDO Seitaro*
2005/02/01	Non-contact AFM study of oxidized surface of single-crystalline SrTiO ₃ with porphyrin-based molecules	NANOTECHNOLOGY	2005IOP No.16 S107-S111	TANAKA Shukichi SUZUKI Hitoshi INADA Mitsuru KAMIKADO Toshiya MASHIKO Shinro
2005/02/01	Invasiveness of an Optical Magnetic Field Probe Consisting of a Loop Antenna Element and an Electro-Optic Crystal	The Institute of Electrical Engineers of Japan	Vol.125 No.2 pp.125-132	ARAKAWA Satoru SUZUKI Eiji OOTA Hiroyasu ARAI Ken-ichi
2005/02/01	apitdpp Environment Recognition System on Robotic Communication Terminals Supporting Mobility of Elderly and Disabled People	The Institute of Electronics, Information and Communication Engineers	J88-D-1 No.2 pp.536-546	KAYAMA Kentaro YAIRI Ikuko IGI Seiji
2005/02/01	Propagation Measurement of 70-GHz Band in a Moving Train	The Institute of Electronics, Information and Communication Engineers	J88-A No.2 pp.228-236 J88-A	KANAZAWA Ami OGAWA Hiroyo
2005/02/01	Propagation Measurement of 62.5GHz and 70GHz Band in a Standing Train	The Institute of Electronics, Information and Communication Engineers	No.2 pp.304-307	KANAZAWA Ami OGAWA Hiroyo
2005/02/04	High-Resolution Scanning Tunneling Microscopy Images of Molecular Overlayer Prepared by a New Molecular Beam Deposition Apparatus with Spray-jet Technique	JOURNAL OF PHYSICAL CHEMISTRY B	Vol.109 pp.3183-3188	YAMADA Toshiki SUZUKI Hitoshi MIKI Hideki Ge Maofa* MASHIKO Shinro
2005/02/05	Applying a Spray-Jet Method for Measuring Naphthalene Derivatives by Nanosecond Laser MPI TOF-MS	CHEMISTRY LETTERS	Vol.34 No.2 pp.234-235	SHINOHARA Hidenori YAMADA Toshiki Ge Maofa* KIMURA Katsumi* MASHIKO Shinro
2005/02/07	High-bandwidth measurement of femtosecond optical pulse timing based on two-dimensional transmission gating and parallel processing	OPTICS EXPRESS	Vol.13 No.3 pp.860-866	NARUSE Makoto KUBOTA Fumito MITSU Hiroyuki* IWASA Izumi* TATSUURA Satoshi* SATO Yasuhiro* Tian Minquan* FURUKI Makoto*
2005/02/09	High-resolution photochemical reaction using triplet-sensitizer probes	Materials Research Society Symposium Proceedings Fall 2004	838E O 41.6.1-41.6.6	MIKI Hideki OTOMO Akira MASHIKO Shinro
2005/02/14	All MgB ₂ tunnel junctions with aluminum nitride barriers	APPLIED PHYSICS LETTERS	Vol.86 No.7 Jan-12	SHIMAKAGE Hisashi TSUJIMOTO Kazuya Zhen Wang