

23rd JSAP AWARDS (Year 2001)



JJAP Paper Award

Award Recipients	Naoko Yanase, Kazuhide Abe, Noburu Fukushima and Takashi Kawakubo
Title of the Paper	Thickness Dependence of Ferroelectricity in Heteroepitaxial BaTiO ₃ Thin Film Capacitors
Authours	Naoko Yanase, Kazuhide Abe, Noburu Fukushima and Takashi Kawakubo
Affiliation	Toshiba Corporation
Journal	Jpn. J. Appl. Phys. Vol.38 (1999) Pt.1 No.9B pp.5305-5308

JJAP Young Scientist Award

Award Recipients	Yuzo Ishii
Title of the Paper	Ink-Jet Fabrication of Polymer Microlens for Optical-I/O Chip Packaging
Authours	Yuzo Ishii, Shinji Koike, Yoshimitsu Arai and Yasuhiro Ando
Affiliation	NTT Telecommunications Energy Laboratories
Journal	Jpn. J. Appl. Phys. Vol.39 (2000) Pt.1 No.3B pp.1490-1493

Award Recipients	Ken-ichi Kawamura
Title of the Paper	Holographic Encoding of Permanent Gratings Embedded in Diamond by Two Beam Interference of a Single Femtosecond Near-Infrared Laser Pulse
Authours	Ken-ichi Kawamura ¹ , Nobuhiko Sarukura ^{1,2} , Masahiro Hirano ¹ and Hideo Hosono ^{1,3}
Affiliation	¹ Japan Science and Technology Corporation, ² Institute for Molecular Science, ³ Tokyo Institute of Technology
Journal	Jpn. J. Appl. Phys. Vol.39 (2000) Pt.2 No.8A pp.L767-L769 EXP

Award Recipients	Hideyuki Watanabe
Title of the Paper	Nonlinear Effects Excitonic Emission from High Quality Homoepitaxial Diamond Films
Authours	Hideyuki Watanabe and Hideyo Okushi
Affiliation	Electrotechnical Laboratory
Journal	Jpn. J. Appl. Phys. Vol.39 (2000) Pt.2 No.8B pp.L835-L837 EXP

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Award Recipients	Takashi Suemasu
Title of the Paper	Room Temperature 1.6 μ m Electroluminescence from a Si-Based Light Emitting Diode with β -FeSi ₂ Active Region
Authours	Takashi Suemasu, Yoichiro Negishi, Ken'ichiro Takakura and Fumio Hasegawa
Affiliation	University of Tsukuba
Journal	Jpn. J. Appl. Phys. Vol.39 (2000) Pt.2 No.10B pp.L1013-L1015 EXP

Award Recipients	Ryoji Funahashi
Title of the Paper	An Oxide Single Crystal with High Thermoelectric Performance in Air
Authours	Ryoji Funahashi, Ichiro Matsubara, Hiroshi Ikuta ¹ , Tsunehiro Takeuchi ² , Uichiro Mizutani ² and Satoshi Sodeoka
Affiliation	Osaka National Research Institute, AIST, ¹ Nagoya University, ² Nagoya University
Journal	Jpn. J. Appl. Phys. Vol.39 (2000) Pt.2 No.11B pp.L1127-L1129 EXP

Review Paper Award

Award Recipients	Seiji Samukawa, Vincent M. Donnelly and Mikhail V. Malyshev
Title of the Paper	Effects of Discharge Frequency in Plasma Etching and Ultrahigh-Frequency Plasma Source for High-Performance Etching for Ultralarge-Scale Integrated Circuits
Authours	Seiji Samukawa, Vincent M. Donnelly ¹ and Mikhail V. Malyshev ¹
Affiliation	NEC Corporation, ¹ Bell Laboratories
Journal	Jpn. J. Appl. Phys. Vol.39 (2000) Pt.1 No.4A pp.1583-1596