

20th JSAP AWARDS (Year 1998)



JJAP Paper Award

Award Recipients	Kazuyuki Ueda, Ken'ichi Ishikawa and Masamichi Yoshimura
Title of the Paper	Two-Dimensional Hydrogen Analysis by Time-of-Flight-Type Electron-Stimulated Desorption Spectroscopy
Authours	Kazuyuki Ueda, Ken'ichi Ishikawa and Masamichi Yoshimura
Affiliation	Toyota Technological Institute
Journal	Jpn. J. Appl. Phys. Vol.36 (1997) Pt.2 No.9A/B pp.L1254-L1256

Award Recipients	Seigo Kanemaru, Ken Ozawa, Keigo Ehara, Takayuki Hirano, Hisao Tanoue and Junji Itoh
Title of the Paper	Fabrication of Metal-Oxide-Semiconductor Field-Effect-Transistor-Structured Silicon Field Emitters with a Polysilicon Dual Gate
Authours	Seigo Kanemaru, Ken Ozawa ¹ , Keigo Ehara ² , Takayuki Hirano ³ , Hisao Tanoue and Junji Itoh
Affiliation	Electrotechnical Laboratory, ¹ Musashi Institute of Technology, ² Toyokohan Co., Ltd., ³ Kobe Steel Ltd.
Journal	Jpn. J. Appl. Phys. Vol.36 (1997) Pt.1 No.12B pp.7736-7740

JJAP Young Scientist Award

Award Recipients	Heiji Watanabe
Title of the Paper	Electron-Beam-Induced Selective Thermal Decomposition of Ultrathin SiO ₂ Layers Used in Nanofabrication
Authours	Heiji Watanabe, Shinobu Fujita, Shigemitsu Maruno, Ken Fujita and Masakazu Ichikawa
Affiliation	Joint Research Center for Atom Technology, Angstrom Technology Partnership
Journal	Jpn. J. Appl. Phys. Vol.36 (1997) Pt.1 No.12B pp.7777-7781

Award Recipients	Akihiro Tagaya
Title of the Paper	High Gain and High Power Organic Dye-Doped Polymer Optical Fiber Amplifiers: Absorption and Emission Cross Sections and Gain Characteristics
Authours	Akihiro Tagaya ^{1,2} , Takeyuki Kobayashi ¹ , Shiro Nakatsuka ^{1,2} , Eisuke Nihei ^{1,2} , Keisuke Sasaki ¹ and Yasuhiro Koike ^{1,2}
Affiliation	¹ Keio University, ² Kanagawa Academy of Science and Technology
Journal	Jpn. J. Appl. Phys. Vol.36 (1997) Pt.1 No.5A pp.2705-2708

20th JSAP AWARDS (Year 1998)



Award Recipients	Hideshi Nishikawa
Title of the Paper	Formation of Grown-in Defects during Czochralski Silicon Crystal Growth
Authours	Hideshi Nishikawa, Tadami Tanaka, Yoshio Yanase, Masataka Hourai, Masakazu Sano and Hideki Tsuya
Affiliation	Sumitomo Sitix Corporation
Journal	Jpn. J. Appl. Phys. Vol.36 (1997) Pt.1 No.11 pp.6595-6600

Review Paper Award

Award Recipients	Isamu Akasaki and Hiroshi Amano
Title of the Paper	Crystal Growth and Conductivity Control of Group III Nitride Semiconductors and Their Application to Short Wavelength Light Emitters
Authours	Isamu Akasaki and Hiroshi Amano
Affiliation	Meijo University
Journal	Jpn. J. Appl. Phys. Vol.36 (1997) Pt.1 No.9A pp.5393-5408

Award Recipients	Fumio KOYAMA and Kenichi IGA
Title of the Paper	Surface emitting semiconductor lasers
Authours	Fumio KOYAMA and Kenichi IGA
Affiliation	Tokyo Institute of Technology
Journal	OYO BUTURI, Vol.66, No.2, pp.117-122(1997)