

30th JSAP AWARDS (Year 2008)



JJAP Paper Award

Award Recipients	Kyoichi Suzuki, Kiyoshi Kanisawa, Simon Perraud, Mineo Ueki, Kei Takashina and Yoshiro Hirayama
Title of the Paper	Imaging of Interference between Incident and Reflected Electron Waves at an InAs/GaSb Heterointerface by Low-Temperature Scanning Tunneling Spectroscopy
Authours	Kyoichi Suzuki ¹ , Kiyoshi Kanisawa ¹ , Simon Perraud ^{1,2} , Mineo Ueki ³ , Kei Takashina ¹ and Yoshiro Hirayama ^{1,4,5}
Affiliation	¹ NTT Corporation, ² CNRS, ³ NTT Electronics Techno Corporation, ⁴ SORST-JST, ⁵ Tohoku University
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 4B, 2007, pp. 2618-2621

Award Recipients	Kuniyoshi Okamoto, Hiroaki Ohta, Shigefusa F. Chichibu ¹ , Jun Ichihara, and Hidemi Takasu
Title of the Paper	Continuous-Wave Operation of m-Plane InGaN Multiple Quantum Well Laser Diodes
Authours	Kuniyoshi Okamoto, Hiroaki Ohta, Shigefusa F. Chichibu ¹ , Jun Ichihara and Hidemi Takasu
Affiliation	ROHM Co. Ltd., ¹ University of Tsukuba
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 9, 2007, pp. L187-L189

Award Recipients	Masakazu Kanechika, Masahiro Sugimoto, Narumasa Soejima, Hiroyuki Ueda, Osamu Ishiguro, Masahito Kodama, Eiko Hayashi, Kenji Itoh, Tsutomu Uesugi and Tetsu Kachi
Title of the Paper	A Vertical Insulated Gate AlGaIn/GaN Heterojunction Field-Effect Transistor
Authours	Masakazu Kanechika, Masahiro Sugimoto ¹ , Narumasa Soejima, Hiroyuki Ueda, Osamu Ishiguro, Masahito Kodama, Eiko Hayashi, Kenji Itoh, Tsutomu Uesugi and Tetsu Kachi
Affiliation	Toyota Central R&D Laboratories, Inc., ¹ Toyota Motor Corp.,
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 21, 2007, pp. L503-L505

Award Recipients	Seiji Samukawa, Butsurinn Jinnai, Fumihiko Oda and Yukihiro Morimoto
Title of the Paper	Surface Reaction Enhancement by UV irradiation during Si Etching Process with Chlorine Atom Beam
Authours	Seiji Samukawa, Butsurinn Jinnai, Fumihiko Oda ¹ and Yukihiro Morimoto ¹
Affiliation	Tohoku University, ¹ Ushio Inc.
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 3, 2007, pp. L64-L66

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Award Recipients	Seiji Samukawa, Butsurinn Jinnai, Fumihiko Oda and Yukihiro Morimoto
Title of the Paper	Surface Reaction Enhancement by UV irradiation during Si Etching Process with Chlorine Atom Beam
Authours	Seiji Samukawa, Butsurinn Jinnai, Fumihiko Oda ¹ and Yukihiro Morimoto ¹
Affiliation	Tohoku University, ¹ Ushio Inc.
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 3, 2007, pp. L64-L66

Award Recipients	Satoshi Kobayashi, Yuki Tani and Hiroshi Kawazoe
Title of the Paper	Quantum Dot Activated All-inorganic Electroluminescent Device Fabricated Using Solution-Synthesized CdSe/ZnS Nanocrystals
Authours	Satoshi Kobayashi, Yuki Tani and Hiroshi Kawazoe
Affiliation	HOYA Corporation
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 40, 2007, pp. L966-L969

Award Recipients	Kiyohito Yamada, Shigeo Yoshii, Shinya Kumagai, Isamu Fujiwara, Kazuaki Nishio, Mitsuhiro Okuda, Nozomu Matsukawa and Ichiro Yamashita
Title of the Paper	High-Density and Highly Surface Selective Adsorption of Protein-Nanoparticle Complexes by Controlling Electrostatic Interaction
Authours	Kiyohito Yamada ¹ , Shigeo Yoshii ¹ , Shinya Kumagai ¹ , Isamu Fujiwara ² , Kazuaki Nishio ¹ , Mitsuhiro Okuda ¹ , Nozomu Matsukawa ¹ and Ichiro Yamashita ^{1,2,3}
Affiliation	¹ Matsushita Electric Industrial Co. Ltd., ² Nara Institute of Science and Technology, ³ Japan Science and Technology Agency
Journal	Jpn. J. Appl. Phys. Vol. 45, No. 5A, 2006, pp. 4259-4264

Award Recipients	Mathew C. Schmidt, Kwang-Choong Kim, Robert M. Farrell, Daniel F. Feezell, Daniel A. Cohen, Makoto Saito, Kenji Fujito, James S. Speck, Steven P. DenBaars, and Shuji Nakamura
Title of the Paper	Demonstration of Nonpolar m-Plane InGaN/GaN Laser Diodes
Authours	Mathew C. Schmidt, Kwang-Choong Kim, Robert M. Farrell, Daniel F. Feezell, Daniel A. Cohen, Makoto Saito, Kenji Fujito ¹ , James S. Speck, Steven P. DenBaars and Shuji Nakamura
Affiliation	University of California, ¹ Mitsubishi Chemical Corporation,
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 9, 2007, pp. L190-L191

30th JSAP AWARDS (Year 2008)



JJAP Young Scientist Award

Award Recipients	Satoshi Kodaira
Title of the Paper	Improvement of Mass Resolution for Iron Isotopes in CR-39 Track Detector
Authours	Satoshi Kodaira, Nakahiro Yasuda ¹ , Nobuyuki Hasebe, Tadayoshi Doke, Shuya Ota, Masashi Sato, Hiroko Tawara ² , and Koichi Ogura ³
Affiliation	Waseda University, ¹ National Institute of Radiological Sciences, ² High Energy Accelerator Research Organization, ³ Nihon University
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 8A, 2007, pp. 5281-5287

Award Recipients	Yusuke Seki
Title of the Paper	Two-Dimensional Gradiometer
Authours	Yusuke Seki and Akihiko Kandori
Affiliation	Hitachi, Ltd.
Journal	Jpn. J. Appl. Phys. Vol. 46, No. 6A, 2007, pp. 3397-3401

Award Recipients	Yoshihiko Togawa
Title of the Paper	Current-Excited Magnetization Dynamics in Narrow Ferromagnetic Wires
Authours	Yoshihiko Togawa ¹ , Takashi Kimura ^{1,2} , Ken Harada ^{1,3} , Tetsuya Akashi ^{3,4} , Tsuyoshi Matsuda ^{1,3} , Akira Tonomura ^{1,3} and Yoshichika Otani ^{1,2}
Affiliation	¹ The Institute of Physical and Chemical Research (RIKEN), ² The University of Tokyo, ³ Hitachi, Ltd., ⁴ Hitachi Instruments Service Co., Ltd.
Journal	Jpn. J. Appl. Phys. Vol. 45, No. 27, 2006, pp. L683-L685

Award Recipients	Tetsuya Taima
Title of the Paper	Realization of Large Open-Circuit Photovoltage in Organic Thin-Film Solar Cells by Controlling Measurement Environment
Authours	Tetsuya Taima, Jun Sakai ¹ , Toshihiro Yamanari and Kazuhiro Saito
Affiliation	National Institute of Advanced Industrial Science and Technology (AIST), ¹ Matsushita Electric Works, Ltd.
Journal	Jpn. J. Appl. Phys. Vol. 45, No. 37, 2006, pp. L995-L997

30th JSAP AWARDS (Year 2008)



Review Paper Award

Award Recipients	Yoshiaki Watanabe
Title of the Paper	Recent developments of ultrasonic electronics and nonlinear acoustics
Authours	Yoshiaki Watanabe
Affiliation	Doshisha University
Journal	OYO BUTURI, Vol.76, No.07,p.0741-0750 (2007)

Award Recipients	Shuntaro Watanabe and Shunsuke Adachi
Title of the Paper	Recent progress in the technique of ultrashort-pulse generation
Authours	Shuntaro Watanabe and Shunsuke Adachi
Affiliation	The University of Tokyo
Journal	OYO BUTURI, Vol.76, No.2,p.0115-0124 (2007)

Award Recipients	Hiroki Sato and Atsushi Maki
Title of the Paper	Optical topography measurements of higher-order brain functions
Authours	Hiroki Sato and Atsushi Maki
Affiliation	Hitachi, Ltd.
Journal	OYO BUTURI, Vol.76, No.04, p.0369-0374 (2007)