

Poster Session I

Nov. 12 (Mon), 17:30 ~ 19:00

Core Time: Odd numbers 17:30 ~ 18:15, Even numbers 18:15 ~ 19:00

- PI-01** Not scheduled
- PI-02** Highly Diastereodifferentiating and Regioselective [2+2] Photoreaction. I. Inhülsen, Y. Nishiyama, K. Kakiuchi (*Nara Inst. Sci. Tech.*)
- PI-03** Intermolecular Meta-photocycloadditions of Methyl 2-Naphthoate and Related Lactones with Styrene. R. Usuda, H. Shiratori, Y. Kubo (*Shimane U.*)
- PI-04** [3+2]-Photocycloadditions of 14DCN Derivatives with Phenylacetylene. H. Shiratori, T. Moriwaki, Y. Kubo (*Shimane U.*)
- PI-05** Photoaddition Reactions of Acetylpyridines with Silyl Ketene Acetals: SET vs. [2+2]-Cycloaddition Pathways. D. W. Cho, P. S. Mariano, H. J. Park, U. C. Yoon (*Yeungnam U., U. New Mexico, Pusan Nat'l U.*)
- PI-06** Enantiodifferentiating Supramolecular Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Molecularly Imprinted Poly(lysine)s. H. Tanaka, M. Nishijima, G. Fukuhara, C. Yang, T. Mori, W. Dzwolak, Y. Inoue (*Osaka U., Warsaw U.*)
- PI-07** Perfect Stereocontrol of Photocyclodimerization of 2-Anthracenecarboxylates on Glucose Scaffolds. K. Iida, Y. Kawanami, G. Fukuhara, C. Yang, T. Mori, Y. Inoue (*Osaka U.*)
- PI-08** Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Mediated by β -Cyclodextrin Dimers. M. Yamauchi, R. Matsushita, C. Yang, G. Fukuhara, M. Nishijima, T. Mori, Y. Inoue (*Osaka U.*)
- PI-09** Novel [4+4]-Cyclodimers Formed upon Photocyclodimerization of 2-Anthracenecarboxylate Mediated by β -Cyclodextrin. R. Matsushita, C. Yang, M. Nishijima, G. Fukuhara, T. Mori, Y. Inoue (*Osaka U.*)
- PI-10** Highly Sensitive Cyanide Anion Detection with a Coumarin-spiropyran Conjugate as a Fluorescent Receptor. S. Sumiya, Y. Shiraishi, T. Hirai (*Osaka U.*)
- PI-11** Photodecarboxylative Radical Addition of Tripeptides to Acrylonitrile. K. Maeda, Y. Yoshimi (*U. Fukui*)
- PI-12** 2-Aryl-1,3-dimethylbenzimidazolines as Effective Reducing Reagents for $\text{Ru}(\text{bpy})_3\text{Cl}_2$ Photosensitized Organic Transformations. M. Tateyama, T. Hoshi, E. Hasegawa (*Niigata U.*)
- PI-13** Synthesis, Photophysical, and Photofunctional Properties of Novel Azobenzene Derivatives Having Hetero-atom Substituents. H. Takahashi, E. Sakuda, A. Ito, N. Kitamura (*Hokkaido U., UNC Chapel Hill*)
- PI-14** Study of Isomerization Behavior of Amphiphilic Azobenzene Dendrimers. S. Fukushima, T. Arai (*U. Tsukuba*)
- PI-15** Control of Photochromic Reactivity by Host-guest Interaction. T. Nakashima, R. Fujii, T. Kawai (*Nara Inst. Sci. Tech.*)
- PI-16** Temperature Dependence of Photochromic Quantum Yield in Highly Sensitive Photochromic Terarylenes. S. Fukumoto, T. Nakashima, T. Kawai (*Nara Inst. Sci. Tech.*)
- PI-17** Reaction Control in Excited State by Intramolecular Hydrogen Bonding and π Conjugation in Salicylaldehyde Derivatives. Y. Inatsu, T. Arai (*U. Tsukuba*)

- PI-18** Controlled Photorelease of Alcohols from Stilbene-type Protecting Group. Y.-W. Lee, Y.-Z. Chen, J.-H. Ho (*Nat'l Taiwan U. Sci. Tech.*)
- PI-19** New Core-substituted Naphthalene Diimide Based Fluorescent H⁺ Sensors. R. P. Cox, H. F. Higginbotham, B. A. Graystone, S. Sandanayake, S. J. Langford, T. D. M. Bell (*Monash U.*)
- PI-20** Rapid Detection for Fluoride Anion in Aqueous Solution with Silylated Excited State Intramolecular Proton Transfer Compound. S. Y. Li, L. Xiong, R. Hu, S. Q. Wang, G. Q. Yang (*Inst. Chem., Chinese Acad. Sci.*)
- PI-21** Origin of Strong Synergism in Weakly Perturbed Binary Solvent System: A Case Study of Primary Alcohols and Chlorinated Methanes. S. Gupta, P. Sen (*Indian Inst. Tech. Kanpur*)
- PI-22** Structure and Dynamics of the Excited States of 1,3-Diarylisobenzofurans. J. Jacq, S. Tsekhanovich, F. Loiseau, D. Jouvenot, M. Orio (*Grenoble 1 U., Lille 1 U.*)
- PI-23** Acid-induced Twisted Intramolecular Charge Transfer Emission of T-shaped π -conjugated Molecules Having a Benzimidazole Junction. T. Inouchi, T. Nakashima, T. Kawai (*Nara Inst. Sci. Tech.*)
- PI-24** S₂ Emission from Chemically Modified BODIPYs. D. W. Cho, M. Fujitsuka, J. H. Ryu, M. H. Lee, H. K. Kim, T. Majima, C. Im (*Konkuk U., Osaka U., Korea U.*)
- PI-25** High Pressure Effect on Photo-isomerization and Molecular Assembly in Meso Porous Micro-environment. D. Yamamoto, M. A. H. Alamiry, R. Vivek, Y. Nabetani, T. Shimada, H. Tachibana, K. Yano, A. Harriman, H. Inoue (*Tokyo Metropolitan U., Newcastle U., Toyota Central Res. Lab.*)
- PI-26** Photo-isomerisation of Polyfluorinated Cationic Surfactants Containing Azobenzene Moiety in Various Microenvironments. R. Vivek, S. Sasamoto, D. Yamamoto, Y. Nabetani, H. Tachibana, H. Inoue (*Tokyo Metropolitan U.*)
- PI-27** Photochemistry of Caged Compound Having Nitro Benzyl Skelton. Y. Takahashi, A. Momotake, T. Arai (*U. Tsukuba*)
- PI-28** Coumarin Derivatives as an Indicator for Interactions between RNA and Small Molecules. T. Tsuda, T. Fukuzumi, K. Nakatani (*Osaka U.*)
- PI-29** Stepwise Assembly of Carbazole Ligands with ct-DNA and Tunable Enzymatic Activity of DNase I. N. Inukai, J. Yuasa, T. Kawai (*Nara Inst. Sci. Tech.*)
- PI-30** Protein Photodamage by the S₂ Excited State of Porphyrin Zinc Complex. S. Inoue, K. Hirakawa (*Shizuoka U.*)
- PI-31** Multi-photon Excitation Studies of 6-Thioguanosine as a Potential Agent for Photodynamic Therapy. T. Isozaki, J. Ikemi, T. Suzuki (*Aoyama Gakuin U.*)
- PI-32** Development of Cryogenic Microspectroscopy System with Numerical Aperture of 0.9 Applicable to Biological Systems. K. Namie, W. Kato, H. Fukumura, Y. Shibata (*Tohoku U., Nagoya U.*)
- PI-33** Photoinduced Cytotoxicity of Nanomaterials. P. Jones, S. Sugino, N. Murase, F. Lacy, V. Biju (*Southern U., AIST*)
- PI-34** Electron-transfer-triggered Folding Dynamics of Cytochrome c. J. Choi, M. Fujitsuka, S. Tojo, T. Majima (*Osaka U.*)
- PI-35** Laser Trapping-induced Crystallization and Crystal Growth of L-Phenylalanine. K. Yuyama, J. George, T. Sugiyama, K. G. Thomas, H. Masuhara (*Nat'l Chiao Tung U., Indian Inst. Sci. Edu.*)

Res., Nat'l Appl. Res. Lab.)

- PI-36** Spectral Diffusion in Chlorophyll a Measured by 2D Optical Spectroscopy. K. L. Wells, Z. Zhang, J. Rouxel, H.-S. Tan (*Nanyang Tech. U.*)
- PI-37** Advanced EPR Studies of a Hexaarylbiimidazolyl Derivatives: EPR Imaging of Light-induced Radical Pairs in a Single Crystal and Evidence of Biradical Character in a Closed-shell Molecule by EPR Nutation Experiments. M. Orio, M. Sliwa, J. Abe, H. Vezin (*Lille U., Aoyama Gakuin U.*)
- PI-38** Development of Water-soluble Substituted Naphthalene Diimides for Biological and Single Molecule Applications. H. F. Higginbotham, C. Yeung, L. Martin, S. J. Langford, T. D. M. Bell (*Monash U.*)
- PI-39** Chemometrics of Stationary to Ultrafast Spectroscopy Data for the Characterization of the Photo-dynamics of Photoswitchable Molecules. B. Debus, O. Devos, M. Sliwa, C. Ruckebusch (*Lille U.*)
- PI-40** Cancelled
- PI-41** Rotational Relaxation of Pyrene Derivatives in Reverse Micelles Revealed by Fluorescence Anisotropy Decay Measurements. Y. Imashiro, Y. Iima, S. Akimoto, K. Tominaga (*Kobe U.*)
- PI-42** Photothermal Microscopy for Observation of Non-bleaching, Non-blinking Nano-probes and Morphological Studies of Absorption. J. Hobley, H. C. Guo, P. F. Free, D. Paramelle, D. G. Fernig (*A-STAR, U. Liverpool*)
- PI-43** Femtosecond Transient Absorption Microscopic Study of Diarylethene Derivatives in Crystalline Phase. A. Jinno, T. Katayama, H. Miyasaka, S. Kobatake (*Osaka U., Osaka City U.*)
- PI-44** Deprotonation-induced Aromaticity Enhancement in meso-Hexakis(pentafluorophenyl)[26] Hexaphyrin(1.1.1.1.1.1). W.-Y. Cha, J. M. Lim, M.-C. Yoon, Y. M. Sung, B. S. Lee, S. Katsumata, M. Suzuki, H. Mori, A. Osuka, Y. Ikawa, H. Furuta, D. Kim (*Yonsei U., Kyushu U., Kyoto U.*)
- PI-45** Excitation Energy Migration in Covalently Linked Perylene Bisimide Macrocycles. J. Sung, P. Kim, F. Schlosser, D. Kim, F. Würthner (*Yonsei U., U. Würzburg*)
- PI-46** Fluorescence Properties of a Water Soluble Perylene Ammonium Derivative in Solutions and Polymer Matrices. E. Ito, Y. Ugachi, H. Sato, T. Sasaki, S. Ito, H. Miyasaka (*Shinshu U., Osaka U.*)
- PI-47** Structure-dependent Electronic Natures of Star-shaped Oligothiophenes Probed by Ensemble and Single-molecule Spectroscopy. H. Chung, T. Narita, M. Iyoda, D. Kim (*Yonsei U., Tokyo Metropolitan U.*)
- PI-48** Time-resolved Brewster Angle Reflectometry to Study Photochemistry in Thin Films and Monolayers. S. Gorelik, H. Song, S. Wang, M. Lear, J. Hobley (*A-STAR, Nat'l U. Singapore*)
- PI-49** Fluorescence Dynamics of Organic Photovoltaic DPP Polymer under High-density Excitation Condition: Estimation of Exciton Diffusion Length. A. Furube, H. Matsuzaki, R. Katoh, P. Sonar, G. S. Subramanian, E. L. Williams, C. Vijila, S. Gorelik, J. Hobley, S. Singh (*Nihon U., AIST, IMRE, Shiv Nadar U.*)
- PI-50** Electron Injection Dynamics and Efficiency of Dye-sensitized TiO₂ Film in Ionic Liquid Revealed by Femtosecond Transient Absorption Spectroscopy. S. Mahanta, A. Furube, H. Matsuzaki, T. N. Murakami, H. Matsumoto, R. Katoh (*AIST, Nihon U.*)

- PI-51** Blend Morphology and Exciton Lifetimes in Bulk Heterojunction Solar Cells Studied by Fluorescence Lifetime Imaging Microscopy. G. S. Subramanian, E. L. Williams, S. Gorelik, C. Vijila, P. Sonar, J. Hobley, S. Singh, A. Furube, H. Matsuzaki, R. Katoh (*A-STAR, Shiv Nadar U., AIST, Nihon U.*)
- PI-52** Effects of Laser Fluence and Irradiation Time on the Size of Silver Nanocubes Photo-synthesized in Aqueous Solution. U. Y. Qazi, D. Shirasawa, S. Kajimoto, H. Fukumura (*Tohoku U.*)
- PI-53** Intramolecular Charge Transfer in Ionic Liquids. Y. Nagasawa, S. Morishima, M. Muramatsu, T. Katayama, H. Miyasaka (*Osaka U.*)
- PI-54** The Effect of the Pre-oriented Solvent Molecules on Solvation Dynamics in Ionic Liquids. M. Muramatsu, S. Morishima, S. Ito, Y. Nagasawa, H. Miyasaka (*Osaka U.*)
- PI-55** Fabrication of Silver Nanostructures under Simultaneous Irradiations with UV and Near-IR Lasers. H. Yamauchi, S. Ito, H. Miyasaka (*Osaka U.*)
- PI-56** Development Mechanism of Photoluminescence from CdS/Polystyrene Nanocomposite Films Observed by Repetitional Photoluminescence Up-conversion Measurements. K. Sawada, T. Uchihara (*U. Ryukyus*)
- PI-57** Femtosecond Absorption Spectroscopy of Diketopyrrolopyrrole Polymer Solar Cells under Low-density Excitation Condition. H. Matsuzaki, A. Furube, R. Katoh, S. P. Singh, P. Sonar, E. L. Williams, C. Vijila, G. S. Subramanian, S. Gorelik, J. Hobley (*AIST, Nihon U., Shiv Nadar U., A-STAR*)
- PI-58** Ultrafast Spectroscopy of Electron Transfer in Porphyrin Donor Dyads. B. Robotham, S. J. Langford, K. P. Ghiggino (*U. Melbourne, Monash U.*)
- PI-59** Different Excitonic Features in Singly and Doubly Alkyl-bridged Zn(II)porphyrin Dimers. M.-C. Yoon, S. Lee, S. Tokuji, H. Yorimitsu, A. Osuka, D. Kim (*Yonsei U., Kyoto U.*)
- PI-60** N-Doped Graphene Counter Electrode for Highly Efficient Dye-sensitized Solar Cells. M. J. Ju, I. T. Choi, H. K. Kim (*Korea U.*)
- PI-61** Electron-transfer Properties of Push-pull Porphyrin Sensitizers for TiO₂ Nanotube Dye-sensitized Solar Cells. L.-L. Li, P.-C. Zeng, E. W.-G. Diao (*Nat'l Chiao Tung U.*)
- PI-62** Novel D- π -A Structured Zn(II)-porphyrin Dyes for Dye-sensitized Solar Cells. S. H. Kang, H. K. Kim (*Korea U.*)
- PI-63** Photophysical Properties of Thiophene Fused Zn(II) Porphyrins: Anomalous Local Anti-aromaticity. B. S. Lee, Y. Mitsushige, Y. Matsuo, D. Kim (*Yonsei U., U. Tokyo*)
- PI-64** Polychromic Sensitizers with Earth-abundant Element, Aluminum. K. Fazalurahman, S. Sagawa, Y. Gomi, Y. Nabetani, H. Tachibana, H. Inoue (*Tokyo Metropolitan U.*)
- PI-65** Synthesis and Photochemical Properties of Tin(IV) Corrphycene Complex. K. Noda, H. Shimakoshi, M. Abe, Y. Hisaeda (*Kyushu U.*)
- PI-66** Novel Phosphorescent Iridium(III) Complexes Based on 2-(2,4-Ditri fluoromethylphenyl)-4-methylpyridine for Organic Light-emitting Diodes. I.-H. Hwang, S.-J. Yun, D.-Y. Kim, J. Park, S.-H. Jin, Y.-I. Kim (*Pusan Nat'l U.*)
- PI-67** Thermostable Organo-phosphor Composed of Luminescent Lanthanide Coordination Polymer. Y. Hasegawa, K. Miyata, A. Kobayashi, M. Kato (*Hokkaido U.*)
- PI-68** Ligand Deuteration Effects on Photo-functionality and Stability of *cis*-Ru(II)(dcbpy)₂(NCS)₂ for DSSC. Y. Shiina, A. Miyazawa, Y. Shimoi, K. Inoue, Y. Kawanishi (*AIST*)

- PI-69** Synthesis and Photophysical Properties of Novel Cyclometalated Ruthenium(II) Complexes Having Arylborane Units. E. Sakuda, T. Asahi, A. Ito, N. Kitamura (*Hokkaido U., UNC Chapel Hill*)
- PI-70** Spectroscopic and Photophysical Properties of Novel Polypyridyl Ruthenium(II) Complexes Having Arylborane Substituents. C. Matsumoto, A. Ito, E. Sakuda, N. Kitamura (*Hokkaido U., UNC Chapel Hill*)
- PI-71** Oxidative Emission Quenching of Ruthenium(II) and Rhenium(I) Complexes Bearing Arylborane Units by Carbon Dioxide. M. Tanaka, E. Sakuda, A. Ito, N. Kitamura (*Hokkaido U., UNC Chapel Hill*)
- PI-72** Efficient Electron Transfer Quenching of a Novel Tricarbonyl Rhenium(I) Complex Having an Arylborane Charge Transfer Unit by Electron Donors. Y. Kang, S. Saito, A. Ito, E. Sakuda, N. Kitamura (*Hokkaido U., UNC Chapel Hill*)
- PI-73** Synthesis, Photophysical Properties and Photocatalysis of Novel Ring-shaped Trinuclear Rhenium(I) Complexes. J. Rohacova, T. Morimoto, O. Ishitani (*Tokyo Inst. Tech.*)
- PI-74** Development of New Coupling Methods of Photofunctional Metal Complexes. Y. Yamazaki, T. Morimoto, O. Ishitani (*Tokyo Inst. Tech.*)
- PI-75** Metal Complex/Mesoporous Organosilica Hybrids as Photocatalysts with Light Harvesting Function. Y. Ueda, H. Takeda, T. Yui, S. Inagaki, K. Koike, O. Ishitani (*Tokyo Inst. Tech., Niigata U., Toyota Central R&D Lab. Inc., AIST*)
- PI-76** Green Phosphorescent OLEDs Based on Heteroleptic Cyclometalated Iridium(III) Complexes with Two 2-(2,3,4-Trifluorophenyl)pyridine. D.-Y. Kim, S.-J. Yun, I.-H. Hwang, J. Park, S.-H. Jin, Y.-I. Kim (*Pusan Nat'l U.*)
- PI-77** Synthesis and Radioluminescence of Cyclometalated Iridium(III) Complex Doped Polymer Dots. Y. Osakada, P. E. Solomon, G. Pratx, L. Xing, B. Cui (*Stanford U.*)
- PI-78** Molecular Engineering of Cocktail Co-sensitization for Efficient Panchromatic Porphyrin-sensitized Solar Cells. H.-P. Wu, H.-W. Lee, C.-Y. Yeh, E. W.-G. Diau (*Nat'l Chiao Tung U., Nat'l Chung Hsing U.*)

Poster Session II

Nov. 13 (Tue) 18:30 – 20:00

Core Time: Odd numbers 18:30 ~ 19:15, Even numbers 18:15 ~ 20:00

- PII-01** Influence of Dye Content on Conduction Band Edge of Titania in Dye-dispersing Titania Electrodes. R. A. Setiawan, H. Nishikiori, N. Tanaka, T. Fujii (*Shinshu U., Nagano Pref. Inst. Tech.*)
- PII-02** Not scheduled
- PII-03** Design of Graphene Coated TiO₂ Nanoparticles Supported on Mesoporous Silica and Investigations on Their Photocatalytic Performances. T. Kamegawa, H. Seto, D. Yamahana, H. Yamashita (*Osaka U.*)
- PII-04** Visible Light-induced Aerobic Oxidation by Platinum Nanoparticles Supported on Anatase Titanium Dioxide. Y. Sugano, Y. Shiraishi, T. Hirai (*Osaka U.*)
- PII-05** Photocatalytic Degradation of Gaseous Trichloroethylene on Platinum-ion-doped TiO₂. T. Seyama, Y. Fujiwara, K. Adachi, S. Yamazaki (*Yamaguchi U.*)
- PII-06** Dependence on Reduction Potential in the Photocatalytic Hydrogenation of Acetophenone Derivatives on Titanium Dioxide. S. Kohtani, Y. Kamoi, E. Yoshioka, A. Kudo, H. Miyabe (*Hyogo U. Health Sci., Tokyo U. Sci.*)
- PII-07** Visible-light Driven Photofuel Cell Constructed by Ge^{IV}-porphyrin/TiO₂ Electrode. T. Shiragami, K. Kajihara, J. Matsumoto, M. Yasuda (*U. Miyazaki*)
- PII-08** Photocatalytic CO₂ Reduction by *p*-Type Nano-structured NiO/Metal Complexes Hybrid System. Y. Kou, S. Nakatani, Y. Nabetani, H. Tachibana, H. Inoue (*Tokyo Metropolitan U.*)
- PII-09** Artificial Photosynthetic Reduction of CO₂ to Methanol Using HPA-coupled Ag⁺-N-TiO₂ Nanochain Composites. K.-S. Park, H. Lee, M. Yoon (*Chungnam Nat'l U.*)
- PII-10** Superior Catalysis of Nickel Ferrite for Photocatalytic Water Oxidation. D. Hong, Y. Yamada, S. Fukuzumi (*Osaka U.*)
- PII-11** Label-free Photochromic Sensing of Amino Acids Based on Tungsten Oxide Nanoparticles. S. Tanaka, K. Adachi, S. Yamazaki (*Yamaguchi U.*)
- PII-12** Fabrication of Highly Transparent WO₃/Methyl Cellulose Film and Its Photochromic Response. H. Ishida, K. Honda, K. Adachi, S. Yamazaki (*Yamaguchi U.*)
- PII-13** Novel Tailor-made Hole-conducting Coadsorbents for Highly Efficient Dye-sensitized Solar Cells. I. T. Choj, S. H. Song, M. J. Ju, H. K. Kim (*Korea U.*)
- PII-14** A Novel Organic TiO₂ Sensitizer Based on a Phenothiazine Unit and Squaraine Derivatives for Panchromatic Dye-sensitized Solar Cells. J. Y. Bae, K. D. Seo, H. K. Kim (*Korea U.*)
- PII-15** Synthesis of Flower-like TiO₂ Nanospheres Using Copolymer-derived Precursors for Dye-sensitized Solar Cells. H. Jeon, J. A. Seo, D. K. Roh, W. S. Chi, J. H. Kim (*Yonsei U.*)
- PII-16** Reverse Electron Transfer in QD Sensitized Solar Cells. H. Hata, N. Maeda, Q. Shen, T. Toyoda, S. Kuwahara, K. Katayama (*Chuo U., U. Electro-Commun.*)
- PII-17** Effect of Crystal Structures and Surrounding Media on Elastic Properties of Au Nanostructures. S. Takeda, L. Wang, T. Teranishi, N. Tamai (*Kwansei Gakuin U., Kyoto U.*)
- PII-18** Hot Carrier and Coherent Phonon Dynamics of CdTe/Au Hybrid Nanostructures. T. Okuhata, Y. Kobayashi, Y. Nonoguchi, T. Kawai, N. Tamai (*Kwansei Gakuin U., U. Toronto, Nara Inst. Sci.*)

Tech.)

- PII-19** Fluorescence Properties of Fullerene (C₆₀) Nanoparticles by Laser Ablation in Water. M. Arinishi, Y. Ishibashi, T. Asahi (*Ehime U.*)
- PII-20** Preparation of Curcumin Nanoparticles by Laser Ablation in Water. M. T. Y. Nguyen, T. Asahi (*Ehime U.*)
- PII-21** Thermal Stabilities of Gold Nanorods Coated with Titanium Oxide. N. Miyahara, Y. Takahashi, S. Yamada (*Kyushu U.*)
- PII-22** Nanoscopic Fluorescent Sensing of DNA Using a Single ZnO Nanowire. J. Lee, S. Choi, S. J. Bae, J. S. Choi, M. Yoon (*Chungnam Nat'l U.*)
- PII-23** Long-lived Photoinduced Charge Separations at the Interface between Two Different Organic/Inorganic Nanohybrid Materials. K. Matsubara, M. Yagi, K. Takagi, T. Yui (*Niigata U., Kanagawa Acad. Sci. Tech.*)
- PII-24** Photo Precipitation of Single-walled Carbon Nanotube by Photo-functional Solubilizer. M. Ninoyu, A. Kondo, T. Karatsu, S. Takahara (*Chiba U.*)
- PII-25** Semiconductor QDs-based Bimodal Nanoparticles for Bioimaging. E. S. Shibu, K. Ono, S. Sugino, N. Murase, M. Sawada, V. Biju (*AIST, Nagoya U.*)
- PII-26** Immobilization of Gold Nanorods on Modified Substrates via Proper Choice of an Organic Solvent. M. Motobe, Y. Takahashi, S. Yamada (*Kyushu U.*)
- PII-27** Sub-wavelength Nanohole Processing of Polymer Films Based on Localized Surface Plasmon Resonance of Au Nanoparticles and Micro-phase Separation of a Block Copolymer. K. Muraoka, T. Shoji, K. Yamada, Y. Tsuboi, N. Kitamura (*Hokkaido U., Kyoto Inst. Tech.*)
- PII-28** Fabrication and Single Particle Spectroscopy of Perylenediimide Nanoparticles. S. Sasaki, T. Asahi (*Ehime U.*)
- PII-29** Preparation of Quinacridone Nanoparticle by Laser Ablation in Liquid Using a Flow Cell. T. Ishikawa, H. Ono, T. Asahi (*Ehime U.*)
- PII-30** Nonlinear Mapping of Surface Plasmon Resonance Field by Multi-photon Photoemission Electron Microscopy. H. Yu, Q. Sun, K. Ueno, A. Kubo, Y. Matsuo, H. Misawa (*Hokkaido U., U. Tsukuba*)
- PII-31** Plasmon Resonant Enhanced Photocurrent Conversion and Water Oxidation with Gold Nanoisland Loaded Titanium Dioxide Photoelectrode. X. Shi, K. Ueno, H. Misawa (*Hokkaido U.*)
- PII-32** Infrared Sensors with Plasmonic Nanoantenna. K. Ueno, H. Itoh, W. Nakano, H. Yaza, H. Misawa (*Hokkaido U.*)
- PII-33** Plasmon-molecule Strong Coupling in Silver-phthalocyanine Nanostructures. H. Uehara, K. Ueno, H. Misawa (*Hokkaido U.*)
- PII-34** Strong Coupling between a Small Number of Molecular Excitons and Plasmons at Metal Nano-gap. F. Nagasawa, M. Takase, K. Murakoshi (*Hokkaido U.*)
- PII-35** Optical Trapping of Polymer Microgels Based on Localized Surface Plasmon. M. Toshimitsu, T. Shoji, N. Kitamura, Y. Tsuboi (*Hokkaido U.*)
- PII-36** Plasmon-based Optical Manipulation of DNA on Gold Nanostructures. J. Saito, T. Shoji, N. Kitamura, M. Takase, K. Murakoshi, Y. Tsuboi (*Hokkaido U.*)
- PII-37** Enhanced Catalytic Performance by Localized Surface Plasmon Resonance of Size-controlled Ag

- Prepared on Mesoporous Silica Using Microwave Heating. K. Fuku, R. Hayashi, T. Kamegawa, K. Mori, H. Yamashita (*Osaka U.*)
- PII-38** Luminescence Properties and Auger Recombination of Cu-doped CdSe Nanocrystals. M. Ozaki, M. Tsuboi, N. Tamai (*Kwansei Gakuin U.*)
- PII-39** A Transient Absorption Study on Gold Nano-particle Formation via Photo-reduction of Gold Ions in 2-Buthoxyethanol/Water Mixture. D. Shirasawa, S. Kajimoto, H. Fukumura (*Tohoku U.*)
- PII-40** Energy Transfer Dynamics of CdTe Quantum Dots on Epitaxial Graphene Prepared by Si Sublimation of 4H-SiC(0001). T. Hirose, H. Shigemasa, Y. Kutsuma, T. Kaneko, N. Tamai (*Kwansei Gakuin U.*)
- PII-41** Femtosecond and Picosecond Dynamics of Fluorescent Diarylethene Derivatives. T. Kunishi, T. Katayama, H. Miyasaka, K. Uno, M. Morimoto, M. Irie (*Osaka U., Rikkyo U.*)
- PII-42** Development of Pump-probe Transient Absorption Microspectroscopic System Using Femto-second-Ti:sapphire Oscillator. O. Udaka, Y. Ishibashi, T. Asahi (*Ehime U.*)
- PII-43** High Repetition Rate Femtosecond Laser Induced X-ray Emission from Pure Water Enhanced by ns Delayed Double-pulsed Irradiation. P. Zeng, H. Sotome, Y. Azuma, S. Kajimoto, H. Fukumura (*Tohoku U.*)
- PII-44** Time-resolved Photo-luminescence Study of DPP Based Polymer: PC₇₁BM Blends Following PC₇₁BM Photo-excitation. S. Gorelik, G. S. Subramanian, E. L. Williams, J. Hobley, C. Vijila, P. Sonar, S. Singh, H. Matsuzaki, A. Furube, R. Katoh (*A-STAR, Shiv Nadar U., AIST, Nihon U.*)
- PII-45** Ultrafast Charge Transfer Dynamics and Auger Recombination of CdTe/CdS Core/Shell Quantum Dots. L. Wang, Y. Tian, T. Okuhata, N. Tamai (*Kwansei Gakuin U., Jilin U.*)
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