

Wednesday, September 12

18:20-20:00

- 1P001 Rotational correlation time of a coumarin dye in alkylammonium-based ionic liquid (Tokyo Tech., Univ. of Hyderabad)OGURA, Takahiro; ARAMAKI, Ryuta; AKAI, Nobuyuki; KAWAI, Akio; SHIBUYA, Kazuhiko; SANTHOSH, Kotni; SAMANTA, Anunay
- 1P002 Fabrication of Silicon Nanoparticles using Femtosecond Laser Ablation in the Liquid (Kwansei Gakuin Univ.)KOIKE, Eiko; MASUO, Sadahiro
- 1P003 Long-lived photoinduced charge separation in supramolecules of Li⁺@C₆₀ with anionic porphyrin derivatives (Osaka Univ., ALCA, JST)KAWASHIMA, Yuki; OHKUBO, Kei; FUKUZUMI, Shunichi
- 1P004 Photoinduced Electron transfer between Dyes Adsorbed on the Inorganic Layered Material (Tokyo Metropolitan Univ., JSPS Reserch Fellow, Tokyo Medical Univ., Tokyo Metropolitan Univ., Center for Priority Area)FUJIMURA, Takuya; MASUI, Dai; TACHIBANA, Hiroshi; INOUE, Haruo; SHIMADA, Tetsuya; TAKAGI, Shinsuke
- 1P005 Evaluation of single-molecule photostability of anthracene derivatives protected by a supramolecular capsule (shizuoka Univ.)HIGASHI, Koji; TAKAHASHI, Ryoya; HIRUMI, Yohei; KOBAYASHI, Kenji; MITSUI, Masaaki
- 1P006 Photoinduced Electron Transfer in a Pt-Porphyrin-Zn-Porphyrin-Dinitrobenzene Triad and Related Compounds (Osaka City Univ., Tokyo Metropolitan Univ.)UETOMO, Atsuhiko; KOZAKI, Masatoshi; SUZUKI, Shuichi; NABETANI, Yu; FAZALURAHMAN, Kuttassery; INOUE, Haruo; OKADA, Keiji
- 1P007 Magneto-Chiral Dichroism Based on Exciton Chirality (Institute of Industrial Science, the Univ. of Tokyo, Ritsumeikan Univ., Ryukoku Univ.)KITAGAWA, Yuichi; ISHII, Kazuyuki; ISAJI, Megumi; MIYATAKE, Tomohiro; TAMIYAKI, Hitoshi
- 1P008 Tunable plasmonic resonances of Pd nanostructures by hydrogen absorption (Hokkaido Univ., JST-PRESTO)UCHIYAMA, Sari; TAKASE, Mai; MURAKOSHI, Kei; IKEDA, Katsuyoshi
- 1P009 Plasmon-assisted photoelectric conversion of Au-nanostructure modified titanium dioxide thin film prepared by liquid phase deposition method (Hokkaido Univ.)FUTASHIMA, Ryo; YASUDA, Satoshi; IKEDA, Katsuyoshi; MURAKOSHI, Kei

- 1P010 Observation of different structural isomers at the surfaces and inside the crystal of 2-(2'-hydroxyphenyl)imidazole crystals studied by sum-frequency and fluorescence spectroscopy
(Kyushu Univ. , Hiroshima Univ. , Tokyo Tech.)FURUKAWA , Kazuki ; KONOSHIMA, Hayato; AMIMOTO, Kiichi; SAKAI, Makoto; FUJII, Masaaki; YAMAMOTO, Norifumi; SEKIYA, Hiroshi
- 1P011 Mechanism of the photoelectrochemical oxygen reduction reaction by using porphyrin complexes
(Institute of Industrial Science, The Univ. of Tokyo)NGO, Thi Hong Trang; ISHII, Kazuyuki
- 1P012 Photoinduced phase transition of lipidic cubic phase
(Gunma Univ.)IHIRA, Hiroshi; TAKAHASHI, Hiroshi; KUROIWA, Takashi; HORIUCHI, Hiroaki; OKUTSU, Tetsuo
- 1P013 One-step preparation and characterization of photofunctionalized benzenethiol derivative-protected gold cluster
(Kagoshima Univ.)ISHIDA, Takuya; OKAMURA, Hiroaki; KURAWAKI, Junichi
- 1P014 The interaction between epitaxial graphene on SiC and CdTe QDs - analysis by time-resolved laser spectroscopy -
(Kwansei Gakuin Univ.)HIROSE, Takuya; KUTSUMA, Yasunori; ASHIDA, Koji; KANEKO, Tadaaki; TAMAI, Naoto
- 1P015 Control of the emission behavior of a single quantum dot by AFM tip enhancement
(Kwansei Gakuin Univ.)TATEISHI, Tomoki ; MASUO, Sadahiro
- 1P016 Direct Detection of Electron Transfer Reaction in the Ion-pair Single Crystal of Ru(II) Complex with Organic Quencher
(Kyoto Institute of Technology)MATSUSHITA, Hironori; IKEDA, Noriaki
- 1P017 Novel Method of Producing Carbon Nanoparticles on Benzene/water Interface
(Osaka City Univ., PRESTO JST)YATSUHASHI, Tomoyuki; UCHIDA, Naoko; NISHIKAWA, Kayo
- 1P018 Protein photo-oxidation photosensitized by dimethoxy P(V)tetraphenylporphyrin
(Shizuoka Univ., Hamamatsu Univ. School of Medicine)HIRAKAWA, Kazutaka; FUKUNAGA, Norihito; OKAZAKI, Shigetoshi
- 1P019 Photoinduced electron transfer from quantum dot core to fullerene shell in a supramolecular architecture
(AIST , Kagawa Univ. , Senior Researcher , JST PRESTO)EDAKKATTUPARAMBIL , Shibu; FENG, Qi; FURUBE, Akihiro; MASUO, Sadahiro; WANG, Li; TAMAI, Naoto; MURASE, Norio; BIJU, Vasudevanpillai
- 1P020 Electric field effects on optical spectra of semiconductor nanoparticles: dependence of size and semiconductor materials
(RIES, Hokkaido Univ.)NAKABAYASHI, Takakazu; OHSHIMA, Ruriko; OHTA,

Nobuhiro

- 1P021 Mechanisms of Yb³⁺ to Yb²⁺ by Two-photon Reaction
(Toyotariken, Osaka City Univ., Toyota Central R&D Labs. Inc.)NAKASHIMA, Nobuaki; YATSUHASHI, Tomoyuki; YAMANAKA, Ken-ichi
- 1P022 Plasmon-based Optical Trapping of Proteins and Biological Molecules by means of Microscopic Spectroscopy
(Hokkaido Univ., Osaka Pref. Univ.)SHOJI, Tatsuya; NAGASAWA, Fumika; MURAKOSHI, Kei; ISHIHARA, Hajime; KITAMURA, Noboru; TSUBOI, Yasuyuki
- 1P023 Influence of heat-treatment of CdS/polystyrene nanocomposite films on their photoluminescence behavior
(Univ. of the Ryukyus)SAWADA, Kengo; UCHIHARA, Toshio
- 1P024 Excess electron injection and transfer process in oligothiophene-conjugated DNA
(ISIR, Osaka Univ.)FUJITSUKA, Mamoru; PARK, Man Jae; KAWAI, Kiyohiko; MAJIMA, Tetsuro
- 1P025 Investigation of emissive sites in a fluorescent conjugated polymer chain ~photon antibunching and super-resolution optical imaging
(Kwansei gakuin Univ.)KANAYA, Yoshiki; MASUO, Sadahiro
- 1P026 Studies of Self-Assembly of Polydeoxyadenylic Acid at the Single-Molecule Level
(Osaka Univ.)CHOI, Jungkweon; KIM, Sooyeon; MAJIMA, Tetsuro
- 1P027 Protein crystallization to use photochemical reaction of benzophenone
(Gunma Univ., JST PREST)UTSUMI, Maiko; TAKASE, Yuta; HORIUCHI, Hiroaki; OKUTSU, Tetsuo
- 1P028 Radical addition to alkenes via catalytic photochemical decarboxylation of carboxylic acids
(Univ. of Fukui)MAEDA, Kousuke; HAYASHI, Shota; YOSHIMI, Yasuharu
- 1P029 Syntheses and photochromic properties of asymmetric tetraoxidized terarylenes
(Nara Institute of Science and Technology)TAGUCHI, Maki; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 1P030 Enantiodifferentiating Supramolecular Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Molecularly Imprinted Poly(lysine)s
(Osaka Univ.)TANAKA, Hidekazu; NISHIJIMA, Masaki; FUKUHARA, Gaku; YANG, Cheng; MORI, Tadashi; DZWOLAK, Wojciech; INOUE, Yoshihisa
- 1P031 Structural and Photophysical Properties of Supramolecular Assemblies Composed of Porphyrin Nanosheets using Metal Coordination
(Keio Univ.)SAKUMA, Takao; SAKAI, Hayato; HASOBE, Taku
- 1P032 Preparation and Acid-responsive Photochemical Properties of Tshaped π -Conjugated Molecules Based on Benzimidazole Junction
(Nara Inst. Sci. Tech.)INOUCHI, Toshifumi; NAKASHIMA, Takuya; KAWAI,

Tsuyoshi

- 1P033 Photooxygenation of benzene with oxygen to phenol using 2,3-dichloro-5,6-dicyano-*p*-benzoquinone as a photocatalyst (Osaka Univ.; ALCA, JST)FUJIMOTO, Atsushi; OHKUBO, Kei; FUKUZUMI, Shunichi
- 1P034 Structural and spectroscopic properties of planer aromatic unit-fused [7]-helicene derivatives (Keio Univ., Tohoku Univ.)SHINTO, Sho; SAKAI, Hayato; ARAKI, Yasuyuki; WADA, Takehiko; HASOBE, Taku
- 1P035 Systematic synthesis and evaluation of optically and electronically functionalized coronene derivatives (Keio Univ., Waseda Univ.)HIRAYAMA, Sunao; SAKAI, Hayato; MIURA, Tomoaki; TANAKA, Minako; IMAKAWA, Masaki; TAKENOBU, Taishi; HASOBE, Taku
- 1P036 Photoluminescence Properties of Polycyclic Aromatic Carbonyl Dyes Possessing a Efficient Internal Conversion Process (Tokyo Tech.)NIKO, Yosuke; HIROSHIGE, Yuki; KAWAUCHI, Susumu; KONISHI, Gen-ichi
- 1P037 Photoisomerization and fluorescence properties of 1,2-di(2-naphthyl)ethene cored dendimers (Univ. of Tsukuba)NAKAZATO, Satoshi; ARAI, Tatsuo
- 1P038 Anionic aluminium porphyrin as a polychromic sensitizer with multiple protonation/deprotonation processes in the axial ligands (Tokyo Metro. Univ.)KUTTASSERY, Fazalurahman; SAGAWA, Shogo; GOMI, Yuki; NABETANI, Yu; TACHIBANA, Hiroshi; INOUE, Haruo
- 1P039 Study on the jellyfish bioluminescence mechanism ·Luminescent properties of π -conjugation-extended analogs of the light-emitter (The Univ. of Electro-Communications)HAYASHI, Chihiro; MAKI, Shojiro; NIWA, Haruki; HIRANO, Takashi
- 1P040 Photoswitching of helical twisting power in liquid crystal containing chiral cyclic diarylethenes (Yokohama National Univ., Saga Univ.)KATO, Ryuji; TAKEI, Yoshiyuki; UBUKATA, Takashi; TAKESHITA, Michinori; YOKOYAMA, Yasushi
- 1P041 Photochemical Oxygenation Reaction of Cyclohexene Sensitized by mono-, tri-, penta-Cationic Antimony(V) Metalloporphyrins on the Clay Surface (Tokyo Metropolitan Univ.)TSUKAMOTO, Takamasa; SHIMADA, Tetsuya; INOUE, Haruo; TAKAGI, Shinsuke
- 1P042 Substituent Effects on Emission Property of Di(2-thienyl) Ketone Derivatives (Osaka Pref. Univ.)TOMIYORI, Yusuke; OHTA, Eisuke; MIZUNO, Kazuhiko; IKEDA, Hiroshi

- 1P043 Generation of Trimethylenemethane Biradical Utilizing Triplet Energy-Transfer Reaction
(Osaka Pref. Univ.)MATSUI, Yasunori; OHTA, Eisuke; IKEDA, Hiroshi
- 1P044 Stealth-type photochromic properties of phenanthrene-ethylene dyad
(Osaka Pref. Univ.)KAWAKAMI, Jun; NAKANISHI, Yousuke; OHTA, Eisuke; MIZUNO, Kazuhiko; IKEDA, Hiroshi
- 1P045 White Light-Emission Property of Organoboron Complexes in Solution and the Solid State
(Osaka Pref. Univ.)TANAKA, Mirai; SAKAI, Atsushi; YOSHIMOTO, Yuichi; OHTA, Eisuke; MIZUNO, Kazuhiko; IKEDA, Hiroshi
- 1P046 Development of Fluorescence Sensor for Metal Ions Based on Benzocrown Ether-Ethynylpyrene Linked Molecules
(Kanazawa Univ.)MAEDA, Hajime; ARATANI, Mona; SEGI, Masahito
- 1P047 Structural dependence of alcoholic sacrificial agents on the evolution of H₂, O₂, and CO₂ in the photocatalytic reaction with Pt-loaded TiO₂
(Univ. of Miyazaki)TOMO, Takayuki; SHIRAGAMI, Tsutomu; YASUDA, Masahide
- 1P048 Control of circularly polarized luminescence (CPL) property by changing dihedral angle of axially chiral binaphthyl compound
(Kinki Univ., NIMS, NAIST)KIMOTO, Takaya; TAJIMA, Nobuo; FUJIKI, Michiya; IMAI, Yoshitane
- 1P049 Enantiodifferentiating photoisomerization of cyclooctadiene and anti-Markovnikov polar photoaddition of water and methanol to diphenylpropene with sensitizing cyclic oligosaccharide and linear polysaccharide
(Osaka Univ.)FUKUHARA, Gaku; IMAI, Mami; YANG, Cheng; MORI, Tadashi; INOUE, Yoshihisa
- 1P050 Fluorescence properties of pyrene array constructed on RNA.
(Univ. of Hyogo)NAKAMURA, Mitsunobu; TAKADA, Tadao; YAMANA, Kazushige
- 1P051 Photomechanical Motion of Oriented Crystal Films of Azobenzenes
(Ehime Univ., Kyoto Univ.)KOSHIMA, Hideko; MATSUDOMI, Masafumi; MATSUURA, Daisuke; NAKAMURA, Jun; KIMURA, Fumiko; KIMURA, Tsunehisa
- 1P052 Method for Evaluation of Dye-sensitized Solar Cell Performance
(Kanagawa Academy of Science & Technology)AOKI, Daisuke; AOKI, Tomoko; SAITO, Hidenori; MAGAINO, Shin-ichi; TAKAGI, Katsuhiko
- 1P053 Design, syntheses and photochemical properties of Aminobenzopyranoxanthene (ABPX) fluorescent dyes with expanded π -conjugated system
(RIKEN, Hitachi Hi-Tech, Univ Tokyo, Okayama Univ.)KAMINO, Shinichiro; MURANAKA, Atsuya; HORIGOME, Jun; UCHIYAMA, Masanobu; ENOMOTO, Shuichi
- 1P054 An Investigation on the Optical Activities of Diarylethene derivatives by Theoretical

and Experimental Approaches

(Kyoto Univ.)HIROSE, Takashi; INOUE, Yuki; HASEGAWA, Jun-ya; HIGASHIGUCHI, Kenji; MATSUDA, Kenji

- 1P055 Solvent effect on lifetime of colored form of dinitrobenzylpyridine derivatives (Kanazawa Univ.)FUKUYOSHI, Shuichi; TOKUMURA, Kunihiro; NAKAGAKI, Ryoichi
- 1P056 Specific fluorescence switching of naphthalene derivatives with nitro phenyl group (Tokyo Tech.)HACHIYA, Sojiro; KONISHI, Gen-ichi
- 1P057 Efficient excess electron transfer through modified DNA using a deoxyuridine derivative containing a phenylethynyl substituent as an electron mediator (Nihon Univ.)TANAKA, Makiko; OGUMA, Kazuhiro; SAITO, Yoshio; SAITO, Isao
- 1P058 Adsorption of Axially Pyridinio-Bonded Tricationic Phosphorousporphyrins on Human Serum Albumin (Univ. of Miyazaki)MATSUMOTO, Jin; SHIRAGAMI, Tsutomu; YASUDA, Masahide
- 1P059 Synthesis and photophysical properties of azocarbazoles and their metal complexes (Osaka-Kyoiku Univ.)HORI, Kazushige; KAWAGUTHI, Yuto; KUBOI, Yusuke; TANI, Keita
- 1P060 Photochemical properties of cationic porphyrins organized on DNA (Univ. of Hyogo)TAKADA, Tadao; SHIMOGAKI, Nao; NAKARMURA, Mitsunobu; YAMANA, Kazushige
- 1P061 Preparation and Trapping of Monolayer of the Dyad Having a Diaryldiazomethane and a Tripod-shaped Trithiol and Photogeneration of Triplet Carbene (Mie Univ.)NAGAI, Tsubasa; HIRAI, Katsuyuki; KITAGAWA, Toshikazu
- 1P062 Extended Fluorochromism of Anthracene Trimers with a Nitrogen or Phosphorus Core (Tokyo Tech.)LI, Zhiou; ISHIZUKA, Hiromi; SEI, Yoshihisa; YOSHIZAWA, Michito; AKITA, Munetaka
- 1P063 Photophysical properties of EuS aggregates linked with naphthalenedithiols (Hokkaido Univ.)KAWASHIMA, Akira; NAKANISHI, Takayuki; FUSHIMI, Koji; HASEGAWA, Yasuchika
- 1P064 Photocatalytic CO₂ reduction and hydrogen evolution using supramolecular metal complexes in aqueous solutions (Tokyo Tech., AIST, ALCA/JST)NAKADA, Akinobu; KOIKE, Kazuhide; ISHITANI, Osamu
- 1P065 Lengthening phosphorescence lifetime of copper(II) porphyrin linked with zinc porphyrin (Tokyo Metropolitan Univ.)ASANO, Motoko; OGAWA, Tomohiro; YAMASHITA, Ken-ichi; SUGIURA, Ken-ichi

- 1P066 Study on recovery of useful elements from simulated radioactive liquid waste by photo-reduction
(JAEA)OHBA, Hironori; SAEKI, Morihisa; TOSHIMITSU, Masaaki
- 1P067 Degradation of Cellobiose Using Noble-Metal Promoted Photo Catalysts
(Toshiba Corporation Power Systems Company, Power and Industrial Systems R&D Center)TSUJII, Hideji; OKAMURA, Masato; TAKAHASHI, Masanori; NAGAMORI, Yasuhiko
- 1P068 Photoinduced hydrogen generation using water-soluble iridium complexes as sensitizers
(The Univ. of Tokyo)TAKIZAWA, Shin-ya; MURATA, Shigeru
- 1P069 Photochemical CO₂ Reduction Catalyzed by Novel Ruthenium-Peptide Complexes
(Kitasato Univ., PRESTO, JST)KURAMOCHI, Yusuke; KAMIYA, Masaya; ISHIDA, Hitoshi
- 1P070 Photochemical CO₂ Reduction Catalyzed by Ruthenium-Bipyridyl Complexes in Water/Organic Solvents
(Kitasato Univ., PRESTO, JST)KAMIYA, Masaya; FUKAYA, Kyohei; USHIDA, Kiminori; KURAMOCHI, Yusuke; ISHIDA, Hitoshi
- 1P071 Photo-induced Electron Transfer in a Viologen-Ruthenium(II) Tris(bipyridine)-Tyrosine Triad Linked with Peptide
(Kitasato Univ.; PRESTO, JST, National Institute of Advanced Industrial Science and Technology (AIST), Center for Priority Areas, Tokyo Metropolitan Univ.)ISHIDA, Hitoshi; SHIINA, Yoshimi; NABETANI, Yu; INOUE, Haruo
- 1P072 Photocatalytic reduction of CO₂ with composite photocatalyst of graphitic carbon nitride and tungsten (VI) oxide
(Kyushu Institute of Technology)KOYANAGI, Takahiro; MURAKAMI Naoya; OHNO Teruhisa
- 1P073 Effect of metal species constituting LDHs on the activity for photocatalytic reduction of carbon dioxide in water
(Kyoto Univ.)IGUCHI, Shoji; TERAMURA, Kentaro; SHISHIDO, Tetsuya; TANAKA, Tsunehiro
- 1P074 Photocatalytic Reduction of CO₂ using a Metal Complex / Mesoporous Organosilica Hybrid System with a Visible-Light Harvesting Function
(Tokyo Tech., Toyota Central R&D Lab., AIST)UEDA, Yutaro; TAKEDA, Hiroyuki; YUI, Tatsuto; INAGAKI, Shinji; KOIKE, Kazuhide; ISHITANI, Osamu
- 1P075 Mechanochemical Preparation of Quinoline/Apatite Composite Nanocrystals and the Interfacial Photofunctions
(Tokyo Tech., Gifu National College of Technology, Nagaoka Univ. of Technology)MOTOZUKA, Satoshi; TAGAYA, Motohiro; IKOMA, Toshiyuki; YOSHIOKA, Tomohiko; TANAKA, Junzo
- 1P076 Selective Colorimetric Sensing of Co(II) in Aqueous Media with a

Spiropyran-Amide-Dipicolylamine Linkage under UV Irradiation

(Osaka Univ.)MATSUNAGA, Yoshinao; SHIRAIISHI, Yasuhiro; HIRAI, Takayuki

- 1P077 Colorimetric Sensing of Cu(II) with a Spiropyran Derivative via an Oxidative Dehydrogenation Mechanism
(Osaka Univ.)TANAKA, Kazuya; SHIRAIISHI, Yasuhiro; HIRAI, Takayuki
- 1P078 Quality of V modified N/Si co-doped TiO₂ for water purification under visible light
(Gunma Univ.)MASE, Akinori; MORI, Masanobu; IWAMOTO, Shinji; TOKUTOME, Tohru; SUGITA, Tsuyoshi; ITABASHI, Hideyuki
- 1P079 Preparation and visible-light-induced oxygen evolution of a polychromate-modified titanium dioxide electrode
(Niigata Univ.)KAJITA, Masashi; TSURIYA, Ryogen; ABE, Naoto; SAITO, Kenji; YUI, Tatsuto; YAGI, Masayuki
- 1P080 Mechanism of visible-light-induced O₂ evolution by an antimony sulfide / nanoporous metal oxide electrode
(Niigata Univ.)SHOJI, Akinori; UENO, Tatsuya; KABAKI, Hideyuki; OKUYAMA, Shohei; SAITO, Kenji; YUI, Tatsuto; YAGI, Masayuki; ,
- 1P081 Fluorescence Switching by Using Photochromic [2.2]Paracyclophane-Bridged Imidazole Dimer
(Aoyama Gakuin Univ., CREST)MUTOH, Katsuya; ABE, Jiro
- 1P082 Electrochemistry of the photochromic imidazole dimer
(Aoyama Gakuin Univ., CREST)NAKANO, Emi; MUTOH, Katsuya; ABE, Jiro
- 1P083 Substituent effects of the reactive carbon atoms on the photochromic properties of bis(2-thienyl)perfluorocyclopentenes
(Ryukoku Univ., Riken, Tokyo Tech., Tokyo Univ. of Pharmacy and Life Sciences,)TATSUMI, Yuto; OGATA, Koji; UCHIDA, Waka; YOKOJIMA, Satoshi; NAKAMURA, Shinichiro; UCHIDA, Kingo
- 1P084 Organic Solar Cells using Surface Complexes between TiO₂ and Dicyanomethylene Compounds : Effects of 1,2-alkanediol as Coadsorbents
(RCAST, Univ. of Tokyo, JST PRESTO)TANI, Shigeyuki; FUJISAWA, Jun-ichi; NAGATA, Morio; UCHIDA, Satoshi; KUBO, Takaya; SEGAWA, Hiroshi
- 1P085 Colloidal Preparation and Photoelectrochemical Properties of ZnSe-AgInSe₂ Solid Solution Nanoparticles
(Nagoya Univ., Osaka Univ.)DOUKE, Yuusuke; SASAMURA, Tetsuya; KUWABATA, Susumu; TORIMOTO, Tsukasa
- 1P086 Fluorescence behavior of cofacially stacked chromophores
(Kyoto Univ.)TSUNOI, Yohei; HIROSE, Takashi; FUJIMORI, Yuya; MATSUDA, Kenji
- 1P087 The Doping Effect of Transition Metal on KCaSrTa₅O₁₅ Photocatalyst for Water Splitting and CO₂ Reduction
(Tokyo Univ. of Science)WATO, Tomoaki; IWASE, Akihideo; KUDO, Akihiko

- 1P088 Double-beam Photoacoustic Spectroscopic Characterization of Lattice Defects in Titanium(IV) Oxide Photocatalysts
(Hokkaido Univ.)YAGI, Yuta; SANO, Mikako; TAKASE, Mai; OHTANI, Bunsho
- 1P089 Optical polarization property and molecular arrangement of Eu complexes in LB films
(Aoyama Gakuin Univ., SYSTEM INSTRUMENTS CO., LTD.)TSUCHIYAGAITO, Junko; TAKAHASHI, Hiromi; TAKAHASHI, Isao; HASEGAWA, Miki
- 1P090 Luminescence spectra of europium complexes with N⁶-hexadentate ligands in solutions
(Aoyama Gakuin Univ.)SAKURAI, Shoya; TAKAHASHI, Isao; HASEGAWA, Miki
- 1P091 Theoretical analysis on the mechanism of photochemical hydrogen generation from water using graphitic carbon nitride
(GSST, Kumamoto Univ.)FUJINAGA, Kentarou; SUGIMOTO, Manabu
- 1P092 One-Pot Large-Scale Synthesis and Plasmonic Properties of High-quality Metal Sulfide Semiconductor Quantum Dots
(Univ. of Tsukuba, Kyoto Univ.)CHEN, Lihui; YOSHINAGA, Taizo; KANEHARA, Masayuki; SAKAMOTO, Masanori; TERANISHI, Toshiharu
- 1P093 EDA complexes made up of a single-walled carbon nanotube
(AIST)SHIOYAMA, Hiroshi
- 1P094 Mechanofluorochromism of aminobenzaldehyde derivatives with glass-forming property
(Muroran Inst. Tech., Osaka Univ.)MIZUGUCHI, Kei; KAGEYAMA, Hiroshi; NAKANO, Hideyuki
- 1P095 Efficient photochemical water splitting with use of dye/catalyst co-modified electrodes
(Kyushu Univ.)LIU, Bo; ZAHARAN, Zaki; OHTA, Takehiro; NARUTA, Yoshinori
- 1P096 Synthesis and Application of Dye-conjugated Polymers for PSP/TSP technology
(Univ. of Yamanashi, JAXA)OBATA, Makoto; MITSUO, Kazunori
- 1P097 Photophysical properties of Up-conversion based on Triplet-Triplet Annihilation in hydrophobic DNA films
(Shizuoka Univ.)KAWAI, Hideki; ITO, Jun
- 1P098 Organic Photovoltaic Devices Consisting of α -Sexithiophene Oriented Films
(Kansai Univ., AIST UBIQEN)TAKEUCHI, Keisuke; MIZOKURO, Toshiko; HECK, Claire; AOTA, Hiroyuki; TANIGAKI, Nobutaka
- 1P099 Magneto-optical properties of EuS nanocrystals in silica glass
(Hokkaido Univ.)MAEDA, Masashi; NAKANISHI, Takayuki; FUSHIMI, Koji; HASEGAWA, Yasuchika
- 1P100 Development of [2.2]paracyclophane-bridged imidazole dimers sensitive to visible light
(Aoyama Gakuin Univ.; CREST)ISHII, Norihito; ABE, Jiro

- 1P101 The synthesis and photochromism of novel 1,1'-binaphthyl-bridged imidazole dimmers
(Aoyama Gakuin Univ. , CREST)IWASAKI, Takahiro; ABE, Jiro
- 1P102 Photo- and Solvent-Responsive Structural Colored Balloons
(Kyoto Univ.)HIGASHIGUCHI, Kenji; INOUE, Masafumi; MATSUDA, Kenji
- 1P103 A water-soluble fluorescent photoswitchable molecule based on photochromic pKa changes
(Hokkaido Univ.)FUKAMINATO, Tuyoshi; TAMAOKI, Nobuyuki
- 1P104 Development of new rotaxane-type fluorescent probe aiming at in vivo application
(Univ. of Toyama, Kyushu Sangyo Univ.)ITOU, Tatsuya; HAYASHI, Koichiro; YOSHIZAWA, Atsushi; FUJIMOTO, Kazuhisa; INOUE, Masahiko
- 1P105 Development of dye-sensitized solar cells using DA-type hybrid molecules containing a TTF part
(Osaka Prefecture Univ.)FUJIWARA, Hideki; SASABE, Keisuke; UEZONO, Rika; HAYASHI, Sadayoshi; TSUJIMOTO, Keijiro; MAEDA, Takeshi; NAKAZUMI, Hiroyuki; ,
- 1P106 Long-lived charge separated states in organic/inorganic nanohybrid materials
(Niigata Univ., KAST,)MATSUBARA, Kazuki; YAGI, Masayuki; TAKAGI, Katsuhiko; YUI, Tatsuto
- 1P107 Photo-induced lattice oscillation in gold nanocrystals and thermal relaxation
(The Univ. of Tokyo, JASRI, KEK)ICHIYANAGI, Kouhei; SEKIGUCHI, Hiroshi; NOZAWA, Shunsuke; SATO, Tokushi; ADACHI, Shin-ichi; SASAKI, Yuji
- 1P108 Molecular Organization through Molecular Orbital and Computational Modeling in Dye-sensitization Solar Cells
(Osaka Univ.)YANAGIDA, Shozo