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- 2P001 End-to-End distance measurement of synthetic polymers by spectroscopic ruler (Univ. Yamanashi) OBATA, Makoto
- 2P002 Nucleation reaction dynamics of platinum nanoparticles in the photoreduction processes using the transient grating method (Chuo Univ., AIST, RIKEN) MAEDA, Naotaka; EITOKU, Takeshi; IKEZOE, Yasuhiro; KATAYAMA, Kenji
- 2P003 Ultrafast fluorescence dynamics of serine hydroxymethyl transferase (SHMT) enzyme (Institute for Laser Technology, Mahidol Univ.) CHOSROWJAN, Haik; TANIGUCHI, Seiji; TANAKA, Fumio; WONGNATE, Thanyaporn; CHAIYEN, Pimchai
- 2P004 Photoinduced electron transfer of Pt-bridged BODIPY-triphenylamine diads (Osaka City Univ., Toyama Univ., Kyoto Inst. Tech., Tohoku Univ.) OKADA, Keiji; SUZUKI, Shuichi; IEKI, Nobuhiro; SUGIMURA, Ryouji; NAITOH, Takahiro; KOZAKI, Masatoshi; KIMOTO, Kenshi; NOZAKI, Koichi; MATSUSHITA, Hironori; IKEDA, Noriaki; AKIYAMA, Kimio
- 2P005 Magnetic fields effects on the lifetime of photogenerated biradicals in a phenothiazine-viologen linked compound in ionic liquids (Kyushu Univ.) NAKASHIMA, Akio; YONEMURA, Hiroaki; TAHARA, Hironobu; YAMADA, Sunao
- 2P006 Photoinduced electron-transfer reactions in ruthenium-porphyrin-C₆₀ ligand complexes : Effect of ligand (Kyushu Univ.) KITAZAWA, Hiroaki; YONEMURA, Hiroaki; TAHARA, Hironobu; YAMADA, Sunao
- 2P007 Entropy-driven thermal isomerization of spiropyran in viscous media (Osaka Univ.) SUMIYA, Shigehiro; SHIRAIISHI, Yasuhiro; HIRAI, Takayuki
- 2P008 Study on excited-state relaxation process of organic-inorganic periodic mesoporous organosilicas in solid film by means of femtosecond to nanosecond time-resolved measurements (Ehime Univ., Osaka Univ., Toyota Central R&D Labs, JST-CREST) ISHIBASHI, Yukihide; KATAYAMA, Tetsuro; MIYASAKA, Hiroshi; MAEKAWA, Yoshifumi; GOTO, Yasutomo; YAMANAKA, Ken-ichi; TANI, Takao; INAGAKI, Shinji
- 2P009 Metal-o-metal linked phthalocyanine dyes for Near-IR absorbed dye-sensitized solar cells (Kyushu Inst. of Tech., Sogo Pharmaceutical co.,Ltd.) PARK, Byung-wook; OGOMI, Yuhei; PANDEY, Shyam Sudhir; MIYAMOTO, Akari; FUJITA, Shinsuke; HAYASE, Shuzi
- 2P010 Photoconductivity in self-assembled nanorod of oligothiophene (Niigata Univ., JST-CREST, Chiba Univ.) WAKIKAWA, Yusuke; IKOMA, Tadaaki; GUSHIKEN, Marina; NOGUCHI, Takuya; YAGAI, Shiki
- 2P011 Visible light-induced photocurrent in Au-nanostructured titanium dioxide thin film electrodes (Hokkaido Univ., Yamagata Univ., Osaka Univ.) OIKAWA, Takashi; IKEDA, Katsuyoshi; NABIKI, Hideki; IMANISHI, Akihito; MURAKOSHI, Kei
- 2P012 Study of ultra-thin films of organic photovoltaic materials by means of highly sensitive absorption spectroscopy (AIST, Nihon Univ., IMRE) YAGUCHI, Kaori; FURUBE, Akihiro; KATOH, Ryuzi; WILLIAMS, Evan; CHELLAPAN, Vijila; SINGH, Samarendra; GORELIK, Sergey; HOBLEY, Jonathan
- 2P013 Exciton dynamics of organic photovoltaic materials under high density excitation condition (AIST, Nihon Univ., IMRE) FURUBE, Akihiro; KATOH, Ryuzi; WILLIAMS, Evan; CHELLAPAN, Vijila; SINGH, Samarendra; GORELIK, Sergey; SONAR, Preshart; HOBLEY, Jonathan
- 2P014 Evaluation of photon antibunching behavior of single quantum dots coupled with Ag-nanostructure (Kyoto Inst. of Tech., Kwansei Gakuin Univ.) IDO, Megumi; TANAKA, Teruhisa; MASUO, Sadahiro; MACHIDA, Shinjiro; ITAYA, Akira

- 2P015 Synthesis of metal-doped CdSe quantum dots and laser spectroscopic study on their photophysical properties (Kwansei Gakuin Univ.) OZAKI, Masakazu; TSUBOI, Motohiro; TAMAI, Naoto
- 2P016 Single-particle spectroscopy and picosecond depolarization dynamics of CdTe QDs bound to DNA (Kwansei Gakuin Univ.) KUDO, Shinya; TAMAI, Naoto
- 2P017 Development of a dual-color single molecule tracking system and its evaluation (Osaka Univ.) MIYAMOTO, Yoko; ITO, Syoji; MIYASAKA, Hiroshi
- 2P018 Preparation of PVP-protected silver nanoparticles via light irradiation and ultrasonic irradiation (Kagoshima Univ.) ISHIBASHI, Haruna; SHIMODOUZONO, Kouhei; ISHIDA, Takuya; KURAWAKI, Junichi
- 2P019 Single-molecule orientational and three-dimensional high-resolution imaging investigates local physical properties in polymer thin films (Tokyo Tech) OBA, Tatsuya; HABUCHI, Satoshi; VACHA, Martin
- 2P020 A single-molecule study on the correlation between structure and fluorescence spectra of oligo(phenylene vinylene) derivatives (Tokyo Tech, Tokyo Univ. of Agriculture and Technology) KOBAYASHI, Hiroyuki; HABUCHI, Satoshi; OGINO, Kenji; VACHA, Martin
- 2P021 Fluorescence spectral changes of the nano aggregated pyrene ammonium derivatives by photo irradiation (Shinshu Univ.) ITO, Fuyuki; KOSHIYAMA, Hirotaka
- 2P022 Photochemistry of dioxins (Hiroshima Univ.) HASHIMOTO, Ryuso; ITOH, Takao;
- 2P023 Spectroscopic and photophysical properties of novel triarylborane compounds having electron-donating groups (Hokkaido Univ.) KAWANISHI, Kazuyoshi; ITO, Akitaka; SAKUDA, Eri; KITAMURA, Noboru
- 2P024 Interactions between lipid membranes and antimicrobial peptides with an amino methoxybenzamide fluorophore (Gunma Univ.) FUKANO, Koji; YOSHIHARA, Toshitada; YAMADA, Keiichi; TOBITA, Seiji
- 2P025 Synthesis and photophysical properties of fluorescent cholesterol analog labelled with an amino coumarin fluorophore (Gunma Univ., Akita Pref. Univ.) OIKAWA, Ryusuke; YOSHIHARA, Toshitada; MURASE, Tokiko; HOSAKA, Masahiro; TOBITA, Seiji
- 2P026 Development of near-infrared phosphorescent iridium complexes with high oxygen sensitivity and their photophysical properties (Gunma Univ.) YAGIHASHI, Miki; YOSHIHARA, Toshitada; HOSAKA, Masahiro; TAKEUCHI, Toshiyuki; TOBITA, Seiji
- 2P027 Generation and relaxation of singlet molecular oxygen (Tokyo Tech) HIDEMORI, Takehiro; IDA, Akira; AKAI, Nobuyuki; KAWAI, Akio; SHIBUYA, Kazuhiko
- 2P028 Thermal cytotoxic effects of mixed α and γ - Fe₂O₃ nanoparticles against cancer (HeLa) cells by simultaneous pulsed AC magnetic-field and photoirradiation (Kagoshima Univ.) ISLAM, Md. Shariful; KUSUMOTO, Yoshihumi; ABDULLA-AL- MAMUN, Md.
- 2P029 A comparative study of plasmon-induced charge separation of TiO₂, Fe₂O₃ or ZnO photocell film loaded with gold nanoparticles (Kagoshima Univ.) ABDULLA-AL-MAMUN, Md.; KUSUMOTO, Yoshihumi; ISLAM, Md. Shariful
- 2P030 Monitoring changes in cellular environment of yeast cells based on the time- resolved fluorescence spectra of NADH (Hokkaido Univ., Miyazaki, Univ.) ISLAM, Md. Serajul; NAKABAYASHI, Takakazu; MATSUMOTO, Jin; YASUDA, Masahide; OHTA, Nobuhiro
- 2P031 Effect of center metal on photochemical properties of silylporphyrin (Gunma Univ, Akita Pref. Univ., Tohoku Univ., JST -PRESTO) TERASHIMA, Keisuke; HORIUCHI, Hiroaki; MASHIO, Hiroyuki; HOSAKA, Masahiro; TAKEUCHI, Toshiyuki; ISHIDA, Shintaro; KYUSHIN, Soichiro; OKUTSU, Tetsuo; HIRATSUKA, Hiroshi
- 2P032 Laser fluence dependence of fine particle formation of curcumin by laser ablation of its powder dispersed in water (Univ. of Ryukyuu) TAMAKI, Yoshiaki

- 2P033 Electron transfer of porphyrin-polypeptide nanocomposites produced by laser ablation (Kagohima Univ.) TUN, Myint; KURAWAKI, Junichi
- 2P034 Generation of quadruply charged molecular ion of acetylene derivatives by femtosecond laser pulses (Osaka City Univ., JST-PRESTO) YATSUHASHI, Tomoyuki; MITSUBAYASHI, Naoya; TOYOTA, Kazuo; KOZAKI, Masatoshi; OKADA, Keiji; NAKASHIMA, Nobuaki
- 2P035 X-ray emission from gold nano-colloidal solution induced by femtosecond laser pulses (Univ. of Tokyo, JST-PRESTO) HATANAKA, Koji; YOSHIDA, Keiichi; YAMANOUCHI, Kaoru
- 2P036 Reduction of lanthanide ions of Yb³⁺ to Yb²⁺ by resonant multiphoton excitation (Toyota Riken, Toyota Central R&D, Osaka City Univ.) NAKASHIMA, Nobuaki; YAMANAKA, Kenichi; YATSUHASHI, Tomoyuki
- 2P037 Laser T-jump technique for studying phase separation dynamics of aqueous solutions of poly(*N*-isopropylacrylamide) (Hokkaido Univ., Hiroshima Univ., JST-PRESTO) TADA, Takanori; KITAMURA, Noboru; KATSUMOTO, Yukiteru; TSUBOI, Yasuyuki
- 2P038 X-ray diffraction measurement of gold nanoparticles with femtosecond laser-induced x-ray pulses toward time-resolved measurement (Tohoku Univ., The Univ. of Tokushima) AZUMA, Yosuke; SOTOME, Hikaru; MATSUSHIMA, Shinichi; KAJIMOTO, Shinji; FUKUMURA, Hiroshi; HASHIMOTO, Shuichi
- 2P039 *In vivo* three-dimensional Rayleigh scattering microspectroscopy and imaging of single grana inside chloroplast (NCTU, NAIST) HUANG, Ling-Ting (黃鈴婷); HEE, Ping-Yu (許平諭); UWADA, Takayuki (宇和田貴之); MASUHARA, Hiroshi (増原宏)
- 2P040 Femtosecond laser-induced crystallization of lysozyme assisted by salting-out effect at the air/solution interface (National Chiao Tung Univ., National Tsing Hua Univ., National Synchrotron Radiation Research Center) LIU, Tsung-Han (劉宗翰); UWADA, Takayuki (宇和田貴之); USMAN, Anwar; SUGIYAMA, Teruki (杉山輝樹); MASUHARA, Hiroshi (増原宏); JIANG, Ting-Wei (江庭蔚); CHEN, Chun-Jung (陳俊榮)
- 2P041 Time-resolved measurements of the photoinduced changes in the conductivity of deuterated β -(BEDT-TTF)₂I₃ (Hokkaido Univ.) SABETH, Farzana; IIMORI, Toshifumi; OHTA, Nobuhiro
- 2P042 Enhanced laser trapping assembling of protein and nanoparticles at the solution surface (NCTU(台灣國立交通大), ITRC(國研院儀科中心), NAIST) TU, Jing-Ru (杜靜如); MIURA, Atsushi (三浦篤志); SUGIYAMA, Teruki (杉山輝樹); MASUHARA, Hiroshi (増原宏)
- 2P043 Laser trapping-induced liquid droplet formation and crystallization of L-proline in deuterated ethanol (NCTU, NAIST, ITRC) HUANG, Chong-Wei (黃重維); YUYAMAYA, Ken-ichi (柚山健一); SUGIMAYA, Teruki (杉山輝樹); MIURA, Atsushi (三浦篤志); MASUHARA, Hiroshi (増原宏)
- 2P044 Synthesis and photochemical properties of ionic liquids having styrylnaphthalene moiety (Univ. of Tsukuba) OTA, Miki; ARAI, Tatsuo
- 2P045 Reaction behavior of photoadducts of *N*-methyl-1,8-naphthalimides having electron withdrawing substituents at the methyl group and dimethylthymine (Shimane Univ.) HIU, Takashi; SHIRATORI, Hideo; KUBO, Yasuo
- 2P046 Photochemical NO release of 10-nitro-9-anthracenecarboxylic acid and its derivatives (Kitasato Univ.) MORIKAWA, Miki; INUI, Hiroshi; USHIDA, Kiminori
- 2P047 Photocycloadditions of 1- and 2-cyanonaphthalenes with methyl phenylpropiolate (Kanazawa Univ.) KUNIMATSU, Yuki; MAEDA, Hajime; SEGI, Masahito
- 2P048 Diastereodifferentiating [2+2] Photocycloaddition using photo-microreactor (NAIST) AIDA, Shin; NISHIYAMA, Yasuhiro; TERAOKA, Kimitada; KAKIUCHI, Kiyomi
- 2P049 Solid-state [2+2]photodimerization of bispyridylethylenes using cation- π interactions (Ochanomizu Univ.) KUSAFUKA, Momoko; YAMADA, Shinji
- 2P050 Photoreaction of *N*-benzoyl- α -dehydro(1-naphthyl)alanine N",N"-disubstituted hydrazides and

- related derivatives (Kanagawa Univ.) HOSOI, Yosuke; KATO, Takahiro; IGARASHI, Tetsutaro; SAKURAI, Tadamitsu
- 2P051 Synthesis and photoreactivity of coumarin derivatives as a new photolabile protecting group (Hiroshima Univ., JST-CREST) SAKAMOTO, Yuuya; HIRAGA, Yoshitomo; ABE, Manabu
- 2P052 Effect of introduction of electron-withdrawing cyano group into methyl group of *N*-methyl-1,8-naphthalimide on photoreactions with alkylbenzenes (Shimane Univ.) YAMANE, Kouta; SHIRATORI, Hideo; KUBO, Yasuo
- 2P053 Synthesis and photochemistry of new caged compounds based on nitrofluorene and nitrodibenzothiophene (Univ. of Tsukuba) TANAKA, Yuji; MOMOTAKE, Atsuya; ARAI, Tatsuo
- 2P054 Photochromism of cyclic diarylethene involving a binaphthyl unit (Yokohama National Univ.) UBUKATA, Takashi; TAKEI, Yoshiyuki; YOKOYAMA, Yasushi
- 2P055 Synthesis, photophysical, and electrical properties of diarylethene derivatives composed of benzothiophene having 3-carbazolyl group (Osaka Kyoiku Univ., Hyogo Univ. of Teacher Edu.) ARIMA, Yu; HORI, Kazushige; TSUJIOKA, Tsuyoshi; YAMAGUCHI, Tadatsugu; TANI, Keita
- 2P056 Fully diastereospecific photochromic reaction of thiophenophan-1-enes (Saga Univ.) TAKESHITA, Michinori; JIN-NOUCHI, Hirotsugu
- 2P057 Photochromic properties of thiophenophan-1-enes having polyether bridge (Saga Univ.) WADA, Yuta; TAKESHITA, Michinori
- 2P058 Photomechanical function of chiral salicylideneaniline crystals (Ehime Univ.) MATSUDOMI, Masafumi; MATSUO, Risa; UEMURA, Yutaro; NAKAMURA, Jun; KOSHIMA, Hideko
- 2P059 Asymmetric photoreaction in diarylethene crystals having hydrogen-bonds with chiral molecules (Rikkyo Univ.) ICHIKAWA, Tomohiro; MORIMOTO, Masakazu; IRIE, Masahiro
- 2P060 Photophysical property of 2'-deoxyguanosine containing novel solvatochromic pyrene chromophore (Nihon Univ.) SAITO, Yoshio; ISHIOROSHI, Shinya; SHINOHARA, Yuuta; SUZUKI, Azusa; SAITO, Isao
- 2P061 Molecular simulation of photoisomerizations and the asymmetric reactions with chiral hosts by MOPAC-PM6 Method (Kagoshima Univ.) SOMEKAWA, Kenichi; KAWABATA, Kazuya; SHIMO, Tetsuro
- 2P062 Asymmetric conversion of (*Z*)-*N*-benzoyl- α -dehydro(9-phenanthryl)alaninamides into cyclization intermediates in their photoinduced electron transfer reactions (Kanagawa Univ.) MATSUKI, Shin-ichi; KIMURA, Takayuki; IGARASHI, Tetsutaro; SAKURAI, Tadamitsu
- 2P063 Preparation of chiral naphthalene supramolecular organic fluorophore composed of achiral molecules (Kinki Univ., The Univ. of Tokyo) KOBAYASHI, Yuhei; KINUTA, Takafumi; SATO, Tomohiro; TOKUTOME, Hayato; KURODA, Reiko; MATSUBARA, Yoshio; IMAI, Yoshitane
- 2P064 Optical properties of chiral supramolecular organic fluorophores composed of 2-naphthoic acid and chiral amine molecules (Kinki Univ., Univ. of Tokyo, NAIST) NISHIGUCHI, Noriaki; KOBAYASHI, Yuhei; KINUTA, Takafumi; SATO, Tomohiro; NAKANO, Yoko; TOKUTOME, Hayato; FUJIKI, Michiya; KURODA, Reiko; IMAI, Yoshitane
- 2P065 Bio-supramolecular chiral recognition and enantiodifferentiating photodecomposition of 1,1'-binaphthol with bovine and human serum albumins (Osaka Univ.) NISHIJIMA, Masaki; CHANG, Jae-won; MORI, Tadashi; INOUE, Yoshihisa
- 2P066 Wavelength control of supramolecular photocyclodimerization of anthracenecarboxylate mediated by γ -cyclodextrins (Osaka Univ., JST-PRESTO) YANG, Cheng; INOUE, Yoshihisa
- 2P067 Design and synthesis of intramolecular parallel structures of two pyrenes directing toward selective excimer emission (Kanazawa Univ.) MATSUNO, Yu; MAEDA, Hajime; SEGI, Masahito
- 2P068 Development of fluorescence PET (photo-induced electron transfer) sensors for water based on anthracene-Amino acid and anthracene-boronic acid ester (Hiroshima Univ.) OOYAMA, Yousuke; MATSUGASAKO, Ai; SUMOMOGLI, Minako; OHSHITA, Joji; KOMAGUCHI, Kenji;

IMAE, Ichiro; HARIMA, Yutaka

- 2P069 Boron-dipyrromethene fluoroionophores for discriminating ions by fluorescence wavelength using Suzuki-Miyaura cross coupling reaction (Hokkaido Univ.) HAFUKA, Akira; TANIYAMA, Hiroki; SATOH, Hisashi; YAMADA, Koji
- 2P070 Fluorescence behavior of cyano-bis(pyridylphenyl)ethene showing aggregate-induced enhanced emission in the crystalline phase (Kyoto Univ.) NISHIO, Suguru; HIGASHIGUCHI, Kenji; MATSUDA, Kenji
- 2P071 Synthesis and chemiluminescent decomposition of dioxetanes bearing an aryl group with large helicity (Kanagawa Univ.) KAWASHIMA, Hidehisa; WATANABE, Nobuko; IJUIN, K. Hisako; MATSUMOTO, Masakatsu
- 2P072 Synthesis and chemiluminescent decomposition of dioxetanes bearing a polyphenyl moiety (Kanagawa Univ.) WATANABE, Nobuko; TAKATSUKA, Hikaru; IJUIN, K. Hisako; MATSUMOTO, Masakatsu
- 2P073 Effect of substituents on silicon atoms upon absorption and fluorescence properties of tetrakis(silylethynyl)pyrene derivatives (Kanazawa Univ.) SHOJI, Tomokazu; MAEDA, Hajime; SEGI, Masahito
- 2P074 Light-up of fluorophores by introduction of non-planar artificial base pairs (Nagoya Univ.) KASHIDA, Hiromu; SEKIGUCHI, Koji; KATO, Tomohiro; ASANUMA, Hiroyuki
- 2P075 Photomechanical bending properties of crystal in anthrylmethyleneindanones (Ehime Univ.) NAKAMURA, Jun; UCHIMOTO, Hidetaka; ISHIBASHI, Yoshihiro; KOSHIMA, Hideko
- 2P076 Photo-regulation of gene expression with caged nucleotides having a biotin tag (Toho Univ.) TERAOKA, Aoi; FURUTA, Toshiaki
- 2P077 Construction and photoelectrochemical properties of DNA templated NDI array (Univ. of Hyogo) OKAUE, Tsukasa; NAKAMURA, Mitsunobu; TAKADA, Tadao; YAMANA, Kazushige
- 2P078 Photo-regulation of gene expression with caged nucleotides having a PNA tag (Toho Univ.) HOSHIDA, Tomoko; TAKADA, Azusa; JIKKO, Mari; FURUTA, Toshiaki
- 2P079 Characteristic evaluation of ionic tag porphycene in ionic liquid (Kyushu Univ.) SASAKI, Kenichi; SHIMAKOSHI, Hisashi; ABE, Masaaki; HISAEDA, Yoshio
- 2P080 On-off and color switching of organic solid-state ESIPT luminescence by conversion of the molecular packing (The Univ. of Tokyo) SHIDA, Toshihide; SAWATANI, Hirotaka; MUTAI, Toshiki; ARAKI, Koji
- 2P081 Synthesis of uridine analogs containing aromatic compound and investigation of photochemical properties induced by multiple introduction of these analogs into DNA (Nihon Univ.) SAITO, Yoshio; OGUMA, Kazuhiro; TANAKA, Makiko; SAITO, Isao
- 2P082 Reaction of triplet diphenylcarbene protected by four iodine groups (Mie Univ., Aichi Inst. of Tech., Nagoya Ind. Sci. Res. Inst.) TSUJITA, Kosaku; BESSHO, Kana; HIRAI, Katsuyuki; KITAGAWA, Toshikazu; TOMIOKA, Hideo
- 2P083 Optical resolution of [3.3](3,9)carbazolophane derivatives and their properties (Osaka Kyoiku Univ., Osaka Univ.) KATO, Haruka; IMAFUKU, Risa; HORI, Kazushige; KUBONO, Koji; TANI, Keita; NAKAI, Yoshito; MORI, Tadashi; INOUE, Yoshihisa
- 2P084 Photoisomerization and fluorescence characteristics of amphiphilic stilbene dendrimers (Univ. of Tsukuba) KATAOKA, Kayoko; ARAI, Tatsuo
- 2P085 Mechanofluorochromism of 4-[bis(4-methylphenyl)amino]benzaldehyde (Muroran Inst. of Tech., Osaka Univ.) MIZUGUCHI, Kei; KAGEYAMA, Hiroshi; NAKANO, Hideyuki
- 2P086 Design and synthesis of caged paclitaxel derivatives and their application to controlling tubulin polymerization (Tokyo Medical and Dental Univ., Toho Univ.) SEKINE, Ryota; SUZUKI, Akinobu; TAMAMURA, Hirokazu; FURUTA, Toshiaki

- 2P087 Electron transfer of pyrene modified RNA duplexes (Univ. of Hyogo) SAEKI, Yusuke; NAKAMURA, Mitsunobu; TAKADA, Tadao; YAMANA, Kazushige
- 2P088 Application of triplet excitation state to design of novel pyrene sensitizers for photoinduced electron transport in vesicles (Univ. of Tokyo) SATO, Youichi; TAKIZAWA, Shin-ya; MURATA, Shigeru
- 2P089 Photoaddition of aliphatic amines to 1,1-diphenylethene using a microreactor (Miyakonojo National College of Technology, Univ. of Miyazaki) YAMASHITA, Toshiaki; MATSUMOTO, Jin; SHIRAGAMI, Tsutomu; YASUDA, Masahide
- 2P090 Human body model for medical training produced by photopolymerization (Shibaura Inst. of Tech.) IKEDA, Shuhei; NAKAMURA, Asao
- 2P091 Photocycloaddition reactions of 4-alkoxy-2-pyrones with maleimides in the solid-state (Kagoshima Univ.) ISHIDA, Yoshiki; SHIMO, Tetsuro
- 2P092 Observation of plasmon propagation in 1D-arrangement of gold nanoparticles (JST-PREST, Univ. of Tsukuba, KAST, Tokyo Metropolitan Univ.) EGUCHI, Miharū; KONDO, Toshiaki; KOBORI, Hiromu; MITSUI, Daisuke; MASUDA, Hideki; TERANISHI, Toshiharu
- 2P093 Photoproperties of gold nanorods on substrates fabricated by magnetic processing: effect of aspect ratio (Kyushu Univ.) YONEMURA, Hiroaki; SAKAI, Natsuko; YAMADA, Sunao
- 2P094 Direct observation of nanosheet sliding in azobenzene / hexaniobate nanocomposite (Tokyo Metropolitan Univ.) HAYASAKA, Yuika; NABETANI, Yu; TAKAMURA, Hazuki; SHIMADA, Tetsuya; TACHIBANA, Hiroshi; INOUE, Haruo
- 2P095 Optical antenna effects on stacked gold nanostructures and its application to a plasmon-assisted photocurrent generation system (Hokkaido Univ., JST-PRESTO) AOYOH, Daisuke; UENO, Kosei; KOTAKE, Yuki; MISAWA, Hiroaki
- 2P096 Influence of surfactants for the silver nanoparticel formation by the laser-ablation processes (Nagaoka National College of Technology, Hachinohe National College of Technology) CHUA, Ming Jing; MURAKAMI, Yoshinori
- 2P097 Photoelectric conversion properties of solar cells composed of a gold nanostructured TiO₂ electrode (Hokkaido Univ., JST-PRESTO) KOTAKE, Yuki; NISHIJIMA, Yoshiaki; UENO, Kosei; MISAWA, Hiroaki
- 2P098 Development of dye-sensitized solar cells using TTF-transition metal quinolinato composite molecules (Osaka Pref. Univ.) YAMAMOTO, Shinya; TSUJIMOTO, Keijiro; FUJIWARA, Hideki; NAKAZUMI, Hiroyuki
- 2P099 Sensitizing properties of azobenzenes having two silyl-anchor groups in dye-sensitized solar cells (Gunma Univ.) KAKIAGE, Kenji; YAMAMURA, Masaki; UNNO, Masafumi; KYOMEN, Toru; HANAYA, Minoru
- 2P100 Photoelectric conversion of electrodes modified with poly(3-hexylthiophene) nanowires (Kyushu Univ.) TAKATA, Masayuki; YONEMURA, Hiroaki; YUNO, Kouichi; YAMADA, Sunao
- 2P101 Fabrication and analysis of hole transfer layer consisting of porphyrin derivatives in organic device (Toho Univ.) YUI, Miki; HARADA, Takunori; PAC, Chyongjin; MORIYAMA, Hiroshi
- 2P102 Photocycloreversion reaction behavior of diarylethene in the vicinity of gold nanoparticle (Osaka City Univ., Ehime Univ.) NISHI, Hiroyasu; ASAH, Tsuyoshi; KOBATAKE, Seiya
- 2P103 Synthesis and photochromism of terarylene with four-point hydrogen bonding (NAIST) TANIGUCHI, Toshihide; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 2P104 Photo conversion of terarylene into an indolocarbazole derivative (NAIST) NAKAGAWA, Hisako; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 2P105 Multifunctional diffraction grating based on selective metal deposition of photochromic diarylethene (Osaka Kyuiku Univ.) MATSUI, Naoya; TSUJIOKA, Tsuyoshi

- 2P106 Selective Pb deposition on a photochromic diarylethene surface (Osaka Kyoiku Univ.) DOHI, Megumi; TSUJIOKA, Tsuyoshi
- 2P107 Photochromic behaviors of 4-[bis(9,9-dimethylfluoren-2-yl)amino]azobenzene in molecular organogels (Muroran Inst.of Tech.) KURITA, Motoki; MAKIHARA, Miku; NAKANO, Hideyuki
- 2P108 Reversible photocontrol of surface wettability between hydrophilic and superhydrophobic surfaces on an asymmetric diarylethene solid surface (Ryukoku Univ., Tokyo Univ. of Pharmacy and Life Sciences, RIKEN, Hokkaido Univ., Mitsubishi Chemical Group) UYAMA, Ayaka; YAMAZOE, Seiji; MORIMOTO, Masakazu; YOKOJIMA, Satoshi; MAYAMA, Hiroyuki; KOJIMA, Yuko; NAKAMURA, Shinichirou; UCHIDA, Kingo
- 2P109 Thermally induced synthesis and properties of novel conjugated polymers containing isothianaphthene dimer units in the backbone (Kyoto Univ., JST-PRESTO) HIROSE, Kohei; UMEYAMA, Tomokazu; MATANO, Yoshihiro; ONO, Noboru; IMAHORI, Hiroshi
- 2P110 Synthesis and photophysical properties of chemically converted graphene covalently linked with porphyrin (Kyoto Univ., JST-PRESTO) MIHARA, Junya; UMEYAMA, Tomokazu; MATANO, Yoshihiro; IMAHORI, Hiroshi
- 2P111 Synthesis and optical property of phenol derivative compounds that has anthracene structure (Asahi Organic Chemicals Industry Co., Ltd) HYODO, Hiroyuki; KONISHI, Hidekazu
- 2P112 Adsorption behavior of anthocyanin onto mesoporous silica and photostability of the composite (Shizuoka Univ., Tokyo Univ. Technol.) KOHNO, Yoshiumi; HAGA, Eriko; SHIBATA, Masashi; MATSUSHIMA, Ryoka; MAEDA, Yasuhisa
- 2P113 Multi-functional photo ampholyte compounds generators (Chiba Univ.) SATO, Yusuke; ENDO, Takatsugu; SHINJI, Atsushi; TAKAHARA, Shigeru
- 2P114 Solvent responsive structural colored balloons (Kyoto Univ.) INOUE, Masafumi; HIGASHIGUCHI, Kenji; ODA, Tomohiro; MATSUDA, Kenji
- 2P115 Matter of minutes irreversible degradation of poly(3-hexylthiophene) under illumination in air (AIST) COOK, Steffan; FURUBE, Akihiro; KATOH, Ryuzi
- 2P116 Analyses of conjugation processes of chlorophyll derivatives and titanium oxide particles and spectral properties of the conjugates (Kinki Univ.) SAGA, Yoshitaka; OTONO, Tae