

Poster Presentation List

[A. Material Synthesis (UV Sensitive)]

- P-1** “3 Layered SiO₂/TiO₂/ZTO Films Deposited on PET or PI Substrates for the Flexible Photocatalytic Sheet with the Retentional Photo-induced Hydrophilicity” Y. Kitazawa, J. Jia, S. Nakamura, Y. Shigesato (Aoyama Gakuin University, Japan)
- P-2** “Photocatalytic Selective Conversion of Benzene to Phenol on WO₃ Quantum Dots” Akihide Ono, Hiroto Watanabe, Syouchi Somekawa, Yasuaki Einaga, Yuya Oaki, Hiroaki Imai (Keio University, Japan)
- P-3** “UV Plasmonics for Photocatalysis” Mitsuhiro Honda, Kohki Hizumi, Yuika Saito, Yo Ichikawa (Nagoya Institute of Technology, Japan)
- P-4** “Cu-Doped ZnS Nanoparticles Produced by Laser Ablation in Liquid” Qiyang Zhang, Mitsuhiro Honda, Ichikawa Yo (Nagoya Institute of Technology, Japan)
- P-5** “Synthesis of β-FeOOH and its Photo-Functional Property” Younghwa Yoon, Ken-ichi Katsumata, Kyunghwan Kim, Jeongsoo Hong (Gachon University, Korea)
- P-6** “Synthesis of δ-FeOOH by Solution Process for Hydrogen Production” Moonyoung Lee, Ken-ichi Katsumata, Kyunghwan Kim, Jeongsoo Hong (Gachon University, Korea)
- P-7** “Anatase TiO₂ Thin Film Photocatalyst Prepared by RF-magnetron Sputtering” Rahul Deshmukh, Mitsuhiro Honda, Tsuyoshi Ochiai, Yo Ichikawa (Nagoya Institute of Technology, Japan).
- P-8** “Synthesis of Zn-Al Layered Double Hydroxide using Facing Targets Sputtering System” Jaehwan Shin, Kyunghwan Kim, Jeongsoo Hong (Gachon University, Korea)
- P-9** “Photocatalytic Activity of the Rutile Nanoparticles Formed at Room Temperature” Kasimanat (GUY) Vibulyaseak, Akihiko Kudo, Makoto Ogawa (Vidyasirimedhi Institute of Science and Technology, Thailand)
- P-10** “Photocatalytic Activity of the Anatase Nanoparticles Supported Mesoporous Silica” Kasimanat (GUY) Vibulyaseak, Bunsho Ohtani, Makoto Ogawa (Vidyasirimedhi Institute of Science and Technology, Thailand)
- P-11** “Ion Exchange of Layered Alkali Titanates with Various Alkali Ions by Solid-State Reaction at Room Temperature” Taya (Ko) Saothayanun, Thipwipa (Tip) Sirinakorn, Makoto Ogawa (Vidyasirimedhi Institute of Science and Technology, Thailand)
- P-12** “Development of Photocatalytic Coating Technology Aiming to Preserve the Aesthetic Appearance of Important Cultural Properties” Kazuki Kato, Chiaki Terashima, Norihiro Suzuki, Tomonori Suzuki, Takeshi Kondo, Makoto Yuasa, Akira Fujishima (Tokyo University of Science, Japan)

[B. Material Synthesis (Visible Sensitive)]

- P-13** “Modification Toward Carbon Nitride Photocatalysts for Efficient Visible-Light Driven Hydrogen Production” Dongmei Li, Longshai Zhang, Licheng Lou, Qingbo Meng (Chinese Academy of Sciences, China)
- P-14** “Preparation of Carbon Nitride-Dispersed Alginate Gel Thin Films for Application to Photocatalytic Water Decomposition” Koga Mizuno, Naoki Ohtani (Doshisha University, Japan)
- P-15** “Co-catalyst Loaded WO₃, TiO₂/WO₃ Multi-Layered Photocatalysts Deposited by Reactive Sputtering” Y. Kato, K. Taniyama, M. Kashiwagi, J. Jia, S. Nakamura, Y. Shigesato (Aoyama Gakuin University, Japan)
- P-16** “Synthesis of (B/A)-TiO₂ Polymorphic Structure and Their Heterostructures with Carbon Dots” Sovann Khan, Norihiro Suzuki, Kazuya Nakata, Chiaki Terashima, Akira Fujishima, Ken-ichi Katsumata (Tokyo University of Science, Japan)
- P-17** “Hydrogen Production by Cadmium Sulfide Photocatalyst Prepared by Potassium Sulfide” Satoshi Akiyama, Haruki Nagakawa, Morio Nagata (Tokyo University of Science, Japan)
- P-18** “Development of Photocatalyst Based on ZIF-8 and Hydrogen Generation by Water Splitting” Koshiro Suda, Morio Nagata (Tokyo University of Science, Japan)
- P-19** “Core-Shell Titanium Dioxide on Modified Carbon Microsphere Structure for High-Performance Visible Light Photocatalysis” Xiao-Li Wu, Haoyi Wu, Zhang-Ming Wang, Shinya Mine (National Institute of Advanced Industrial Science and Technology, Japan)
- P-20** “TiO₂@CS-Embedded Cellulose Nanofiber Mixed Matrix Photocatalytic Membrane” Haoyi Wu, Zheng-Ming Wang, Tomohiro Inada, Takashi Endo (National Institute of Advanced Industrial Science and Technology, Japan)
- P-21** “High Photocatalytic Activity on TiO₂ Treated by Flow-type In-liquid Plasma Device” Mao Sasaki, Norihiro Suzuki, Yoshiteru Mizukoshi, Takeshi Kondo, Makoto Yuasa, Chiaki Terashima, Akira Fujishima (Tokyo University of Science, Japan)

[C. Reaction Mechanism]

P-22 "Preparation and Related Properties of Noble Metal Porous Nanomaterials" Xueyi Zhu, Chang Liu, Weiping Qian (Southeast University, China)

P-23 "Light Intensity-Dependence Analysis on Photocatalytic Oxygen Reduction by Platinum-loaded Tungsten Oxide" Mai Takashima, Chiharu Yamada, Bunsho Ohtani (Hokkaido University, Japan)

P-24 "Role of Reactive Oxygen Species on Photocatalytic Activity of TiO₂/SiO₂ Composite Coatings Processed at Low Temperature" A. Romero-Morán, J. Molina-Reyes, J. L. Sanchez-Salas (Instituto Nacional de Astrofísica, Óptica y Electrónica, Mexico)

[D. Hydrophilicity/Hidrophobicity]

P-25 "Preparation of TiO₂ Thin Films on Polycarbonate Substrates by Non-Seed CBD Method" Chihiro Shino, Ken-ichi Katsumata, Hajime Wagata (Meiji University, Japan)

P-26 "Self-Cleaning Photocatalytic TiO₂ Film on Marbles" Pratiksha B. Patil, Supriya P. Hipparagi, Akira Fujishima, Chiaki Terashima, Sanjay S. Latthe (Raje Ramrao College, India)

P-27 "Selective Hydrophilic/Hydrophobic Treatment to the Semiconductor Substrate" Hiroshi Ikari, Norihiro Suzuki, Hideki Sakai, Takeshi Kondo, Makoto Yuasa, Katsuya Teshima, Chiaki Terashima, Akira Fujishima (Tokyo University of Science, Japan)

[E. Energy Conversion (Solar Cell)]

P-28 "A New π -conjugated Ladder Polymer for Highly Efficient and Stable Perovskite Solar Cells" Bingcheng Yu, Liren Zhang, Dongmei Li, Zhishan Bo, Qingbo Meng (Chinese Academy of Sciences, China)

P-29 "Highly Efficient CZTSSe Thin Film Solar Cell by Improving Properties of Absorber and Interfaces" Biwen Duan, Qing Yu, Qingbo Meng (Chinese Academy of Sciences, China)

P-30 "How to Use Electrical Transients to Investigate Charge Loss Mechanism of Junction Solar Cells?" Yiming Li, Jiangjian Shi, Qingbo Meng (Chinese Academy of Science, China)

P-31 "Photovoltaic Performance of Inorganic/organic Solar Cells using Silicon Nanoporous Particles" Taisuke Kuga, Keisuke Sato (Tokyo Deniki University, Japan)

P-32 "Photovoltaic Performance of Boron-Doped Silicon Nanoparticles Solar Cells Introducing ZnO Electron Transport Layer" Kuniaki Furuya, Keisuke Sato (Tokyo Denki University, Japan)

P-33 "Photovoltaic Performance of Solar Cells Combined Phosphorous-Doped Silicon Nanoparticles and Silicon Nanowires" Naoki Ikeda, Keisuke Sato (Tokyo Denki University, Japan)

P-34 "Performance of Si/PEDOT:PSS Solar Cells Introduced Inverted Pyramidal Structures and Back Surface Barrier layer" Masataka Takase, Keisuke Sato (Tokyo Denki University, Japan)

P-35 "Optimization of Particle Arrangement for Solar Cell Using Boron Doped Silicon Nanoporous Particles" Naoya Hasegawa, Keisuke Sato (Tokyo Denki University, Japan)

P-36 "Cell Performance and Boron Concentration of Solar Cells Using Boron-Doped Silicon Nanoporous Particles" Fumio Nakayama, Keisuke Sato (Tokyo Denki University, Japan)

[F. Energy Conversion (Artificial Photosynthesis)]

P-37 "Visible Light Water Splitting using CdS/WO₃/CdWO₄ Tri-Composite Synthesized via Acid Dissolution Process" Haruki Nagakawa, Morio Nagata (Tokyo University of Science, Japan)

P-38 "Water Splitting over AgTaO₃ of a Valence-Band-Controlled Photocatalyst Improved by Loading Rh_{0.5}Cr_{1.5}O₃-cocatalyst" Kenta Watanabe, Akihide Iwase, Akihiko Kudo (Tokyo University of Science, Japan)

P-39 "Cobalt Iron Oxide Supported Carbon Nanotubes Electrocatalyst for Hydrogen and Oxygen Evolution Reaction" Ashif H Tamboli, Rupesh Dhotre, Norihiro Suzuki, Chiaki Terashima, Mahendra A More, Suresh W Gosavi, Akira Fujishima (Savitribai Phule Pune University, India)

P-40 "Highly Porous TiO₂ and N-doped Carbon Nanofibers for Enhanced Photocatalytic Hydrogen Production" Madhushree Bute-Kant, Ashif H Tamboli, Norihiro Suzuki, Chiaki Terashima, Suresh W Gosavi, Akira Fujishima (Savitribai Phule Pune University, India)

P-41 "Preparation of Gold Inserted Water-Splitting Photocatalyst for Improved Activity" Masaomi Yoda, Toshihiro Takashima, Hiroshi Irie (University of Yamanashi, Japan)

P-42 "Enhancement of Photocatalytic Water-Splitting Reaction Using Au-Cluster Cocatalyst doped with Mono-Heteroatom" Yuki Kataoka, Kosuke Wakamatsu, Seiji Yamazoe, Akihide Iwase, Akihiko Kudo, Yuichi Negishi (Tokyo University of Science, Japan)

- P-43** “Synthesis and Photocatalytic Properties of Iron Disilicide/SiC Composite Powder” Kensuke Akiyama, Yu Motoizumi, Sakiko Nojima, Ryo Takahashi, Hiroshi Irie (Kanagawa Institute of Industrial Science and Technology, Japan)
- P-44** “Z-schematic Water Splitting using Metal Sulfide Prepared by a Flux Method and RGO-CoO_x/BiVO₄ under Visible Light Irradiation” Shunya Yoshino, Yuichi Yamaguchi, Akihide Iwase, Akihiko Kudo (Tokyo University of Science, Japan)
- P-45** “Photocatalytic Syngas Production From Greenhouse Gas under Mild Condition” Shusaku Shoji, Peng Xiaobo, Akira Yamaguchi, Ryo Watanabe, Choji Fukuhara, Yohei Cho, Tomokazu Yamamoto, Syo Matsumura, Satoshi Ishii, Takeshi Fujita, Hideki Abe, Masahiro Miyauchi (Tokyo Institute of Technology, Japan)
- P-46** “Precise Size Control of Rhodium Oxide Cocatalysts for Highly Active Water-Splitting Photocatalysts” Shuhei Ozaki, Yutaro Mori, Tokuhisa Kawawaki, Akihide Iwase, Seiji Yamazoe, Akihiko Kudo, Yuichi Negishi (Tokyo University of Science, Japan)
- P-47** “Photocatalytic Methane Reforming with CO₂ using Visible Light”, Yohei Cho, Shusaku Shoji, Akira Yamaguchi, Takuya Hoshina, Takeshi Fujita, Hideki Abe, Masahiro Miyauchi (Tokyo Institute of Technology, Japan)
- P-48** “Carbon Nitride Supported Borophene Nanosheets for Visible-Light Driven NADH Regeneration” Toshali Bhojar, Sandesh Yele, Devthade Vidyasagar, Suresh S. Umare (Visvesvaraya National Institute of Technology, India)
- P-49** “Decomposition of an Aqueous Ammonia Solution under Visible Light Irradiation using Various Cocatalysts-Loaded CdS Photocatalyst” Haruya Suzuki, Yuichi Yamaguchi, Akihide Iwase, Akihiko Kudo (Tokyo University of Science, Japan)
- P-50** “Photocatalytic CO₂ Reduction at Various Partial Pressures over Ag Cocatalyst-Loaded NaTaO₃:A (A: Sr or Ba)” Wasusate Soontornchaiyakul, Shunya Yoshino, Yuichi Yamaguchi, Akihiko Kudo (Tokyo University of Science, Japan)
- P-51** “Biological-Inorganic Hybrid System as a Platform for Hydrogen Production” Yuxi Shi, Jinfang Zhi (Chinese Academy of Sciences, China)
- P-52** “Development of In-liquid Plasma Technology to Realize the Sustainable Nitrogen Circulation System” Genji Okada, Norihiro Suzuki, Takeshi Kondo, Makoto Yuasa, Katsuya Teshima, Chiaki Mukai, Chiaki Terashima, Akira Fujishima (Tokyo University of Science, Japan)
- P-53** “CO₂ Conversion to Resources by Atmospheric Pressure Plasma Jet and Photoreaction” J. Ishii, A. Maruta, A. Okazaki, N. Suzuki, T. Kondo, M. Yuasa, K. Teshima, C. Terashima, A. Fujishima (Tokyo University of Science, Japan)
- P-54** “Production of Useful Resources from CO₂ by Atmospheric Pressure Plasma Jet and UV” Akihiro Maruta, Junki Ishii, Akihiro Okazaki, Norihiro Suzuki, Takeshi Kondo, Makoto Yuasa, Katsuya Teshima, Chiaki Terashima, Akira Fujishima (Tokyo University of Science, Japan)

[G. Electrochemistry]

- P-55** “Nitrogen-Doped Porous Carbons Derived from Microporous Organic Polymers for Electrochemical Energy Storage” Gitish Kishor Dutta, Namrata Deka (National Institute of Technology-Meghalaya, India)
- P-56** “Photoelectrochemical Property of 2D Hexagonal-Shape GaN Synthesized using LiCl as a Molten Salt” Gani Purwiandono, Kazuhiro Manseki, Takashi Sugiura (Gifu University, Japan)
- P-57** “Reduced Graphene Oxide Modified Ni Nanoparticles for High Performance Nonenzymatic Glucose Detection in Human Serum” Ashwini Bhirud, Rupali Waichal, Norihiro Suzuki, Chiaki Terashima, Suresh W Gosavi, Akira Fujishima (Savitribai Phule Pune University, India)
- P-58** “Gas-phase Photoelectrochemical Cell for Dry Reforming of Methane” Masaru Kushida, Akira Yamaguchi, Takeshi Fujita, Hideki Abe, Masahiro Miyauchi (Tokyo Institute of Technology, Japan)
- P-59** “Metal Oxide Nanoparticles Incorporated in Activated Carbon for Hydrogen Evolution Reaction” Kyushik Yun, Sivalingam Gopi, ChangHyun Jang (Gachon University, Korea)
- P-60** “Detection and Activity Analysis of Bacteria by Stochastic Electrochemical Collision Technique” Yafei Chen, Jinfang Zhi (Chinese Academy of Sciences, China)
- P-61** “Water Oxidation by Multilayer-Coated CdS Nanorods” Kanae Nagai, Yuki Ishihara, Masaru Kato, Ichizo Yagi (Hokkaido University, Japan)
- P-62** “Development of Transfer Methods for Molecular-Modified Graphene onto Metal Substrates” Keisuke H. Nishiyama, Rina Tsurugai, Shun Tanno, Masaru Kato, Satoshi Yasuda, Kazuhisa Tamura, Ichizo Yagi (Hokkaido University, Japan)
- P-63** “Sensitivity Simultaneous Determination of Fat-Soluble Vitamins in Supplements by Adsorptive Square Wave Voltammetry using a Screen-Printed Graphene/Nafion Nanomaterial” Jeerakit

Thangphatthanarungruang, Aroonsri Ngamaroonchote, Rawiwan Laocharoensuk, Chuleekorn Chotsuwan, Weena Siangproh (Srinakharinwirot University, Thailand)

P-64 “Simple and Sensitive Electrochemical Modifier-Free Sensor for Histamine Determination in Canned Fish Samples” Kantima Kaewjua, Prangthip Nakthong, Orawon Chailapakul, Weena Siangproh (Srinakharinwirot University, Thailand)

P-65 “Electrochemical Paper-Based Sensor using a Cobalt Phthalocyanine-Ionic Liquid-Graphene Composite for Enzyme-Free Glucose Detection” Narathorn Nisab, Sudkate Chaiyo, Eda Mehmeti, Weena Siangproh, Thai Long Hoang, Hai Phong Nguyen, Orawon Chailapakul, Kurt Kalcher (Chulalongkorn University, Thailand)

P-66 “Aptamer-Based Electrochemical Biosensor for Cortisol Detection” Pannaporn Pusomjit, Prinjaporn Teengam, Nichanan Thepsuparungsikul, Sucharat Sanongkiet, Orawon Chailapakul (Chulalongkorn University, Thailand)

P-67 “Determination of 8-hydroxyquinoline in Cosmetic Products using a New Electrochemical Paper Platform of Cobalt Phthalocyanine-Modified Screen-Printed Carbon Electrode” Sarida Naorungroj, Siriwan Nantaphol, Whitchuta Jesadabundit, Orawon Chailapakul, Weena Siangproh (Chulalongkorn University, Thailand)

P-68 “Enlargement of Diamond Film Synthesized by In-liquid Microwave Plasma CVD” Yusuke Tominaga, Akihiro Uchida, Norihiro Suzuki, Takeshi Kondo, Makoto Yuasa, Chiaki Terashima, Hiroshi Uetsuka, Akira Fujishima (Tokyo University of Science, Japan)

[H. Evaluation Method]

P-69 “Analysis of Adsorption and Decomposition of Odor Components and Tar Contents in Tobacco Smoke on Non-Woven Fabric-Supported Photocatalysts” Tsuyoshi Ochiai, Daisuke Aoki, Yasuhisa Akutsu, Morio Nagata (Kanagawa Institute of Industrial Science and Technology, Japan)

P-70 “An Effective Mid-Infrared Spectrum Method for Protein Quantitation Based on Polytetrafluoroethylene Porous Membrane” Yizhen Wan, Yue Zhou, Juanqi Wu, Lele Zhou, Weiping Qian (Southeast University, China)

P-71 “Thermal Coupled Photoconductivity as a Tool to Understand the Photothermal Catalytic Reduction of CO₂” Songmei Li, Dashuai Li, Yu Huang, Changhua Wang, Yingying Li, Xintong Zhang, Yichun Liu (Northeast Normal University, China)

P-72 “Formaldehyde as Key Compound for Facile and Reliable Method to Evaluate Photocatalytic Activity” Fitri Rizki Amalia, Mai Takashima, Bunsho Ohtani (Hokkaido University, Japan)

[I. Anti-bacteria/Anti-virus, Medical Application]

P-73 “Comprehensive Analysis of Fungal Flora Occurring in Painted Cultural Property of *Nikko Toshogu Shurine* and Analysis of Sterilization Effect by a Photocatalyst” Mai Ogasawara, Natsumi Miura, Chiaki Terashima, Akira Fujishima, Tsuyoshi Ochiai, Tomonori Suzuki (Tokyo University of Science, Japan)

P-74 “Evaluation of the Effects of Peptidoglycan on TiO₂ Photocatalytic Bactericidal Activity” Ayano Takao, Yuji Oshima, Ayumi Okamoto, Akira Fujishima, Tomonori Suzuki (Tokyo University of Science, Japan)

P-75 “A Novel Thrombolytic Detection Method *in vitro* used by Reflectometric Interference Spectroscopy with Silica Colloidal Crystal Films” Feng Wu, Qianqian Su, Xueyi Zhu, Yizhen Wan, Weiping Qian (Southeast University, China)

P-76 “Effects of TiO₂ Photocatalysis to Bacteria in Each Growth Phase” Akane Saikachi, Akira Fujishima, Tomonori Suzuki (Tokyo University of Science)

P-77 “Photocatalytic Anti-Bacterial and Anti-Viral Activity over Ag-Loaded Ground Rh-Doped SrTiO₃ under Visible Light Irradiation” Yuichi Yamaguchi, Troy D. Manning, Heather E. Allison, Matthew J. Rosseinsky (Tokyo University of Science, Japan)

P-78 “Antiviral Activity of Molybdenum Oxide Grafted on TiO₂ under Visible Light Irradiation” Kayano Sunada, Yasuyoshi Hatayama, Takeshi Nagai, Akira Nakajima, Hitoshi Ishiguro (Kanagawa Institute of Industrial Science and Technology, Japan)

P-79 “Comparative Analysis of the Effect of TiO₂ Photocatalysis on Fungi *Aspergillus spp.* with Different Melanin Pigment Content” Miyu Ueda, Yutaro Kajiwara, Yasuyuki Namiki, Akira Fujishima, Tomonori Suzuki (Tokyo University of Science, Japan)

P-80 “Mechanism Study on Nanodiamonds on Tumor Cells Migration” Qingyue Guo, Jinfang Zhi (Chinese Academy of Sciences, China)

P-81 “Efficient Synthesis of Rare Sugars using Titanium Dioxide Photocatalysts” Atsushi Yanagisawa, Yoshihiro Kanai, Tatsushi Ruike, Masaaki Akamatsu, Kenichi Sakai, Hideki Sakai, Masahiko Abe (Tokyo University of Sciences, Japan)

P-82 “Promotion of Seed Germination Using of Plasma Activated Water Produced by In-liquid Plasma” Ken Mizoi, Mao Sasaki, Norihiro Suzuki, Takeshi Kondo, Makoto Yuasa, Chiaki Mukai, Chiaki Terashima, Akira Fujishima (Tokyo University of Science, Japan)

[J. Air Purification]

P-83 “Hydrogen Sulfide Decomposition in a Gas-Phase using by Zeolite/NT450 over a Fluidized-Bed Reactor” Yukino Uesugi, Morio Nagata (Tokyo University of Science, Japan)

[K. Water Purification]

P-84 “Development of Water Treatment Reactor using TiO₂-Coated Fluoropolymer Beads” Kazuki Daigo, Arata Myoga, Noriyuki Unno, Kazuhisa Yuki, Jun Taniguchi, Yohji Seki, Shin-ichi Satake (Tokyo University of Science, Japan)

P-85 “Sonocatalytic Degradation of Methylene Blue using Spindle Shaped CeO₂ Nanoparticles” Sandhya Gadge, Ashif H. Tamboli, Norihiro Suzuki, Chiaki Terashima, K. P. Adhi, Suresh W. Gosavi, Akira Fujishima (Savitribai Phule Pune University, India)

P-86 “Oxidation of Aqueous Ammonia using Zeolite and Photocatalyst” Sachiko Haga, Morio Nagata (Tokyo University of Science, Japan)

P-87 “Study of Titanium Dioxide Nanostructures as Photoactive Elements for Water Decontamination” J. Molina-Reyes, A. Romero-Morán, J. L. Sanchez-Salas (Instituto Nacional de Astrofísica, Óptica y Electrónica, Mexico)

P-88 “Ceramic TiO₂ Photocatalyst for Aqueous Phase Use” Nobuaki Negishi, Yukari Miyazaki, Koichiro Hattori, Yukimi Tanaka, Genki Ishii, Setsuko Koura, Shigekazu Kato (National Institute of Advanced Industrial Science and Technology, Japan)

P-89 “Development of Water Purification System Combining In-liquid Plasma and Fenton Reaction” Yuki Hirami, Norihiro Suzuki, Takeshi Kondo, Makoto Yuasa, Katsuya Teshima, Chiaki Terashima, Akira Fujishima (Tokyo University of Science, Japan)

P-90 “Photocatalytic Membrane Reactor for the Removal of Atrazine and its Reusability” Sasikorn Weerapreechachai, Chonlada Pokhum, Monthon Thanuttamavong, Chamorn Chawengkijwanich (Kasetsart University, Thailand)

P-91 “Enhanced Photocatalytic Degradation of Salicylic Acid using GO/TiO₂ Composite under Sunlight Illumination” Y. M. Hunge, N. Suzuki, A. Fujishima, C. Terashima (Tokyo University of Science, Japan)

P-92 “Narrow Bandgap SnS Nanosheet Semiconductor for Efficient Solar Water Purification” Wenwei Lei, Sovann Khan, Norihiro Suzuki, Chiaki Terashima, Akira Fujishima, Lei Jiang (Tokyo University of Science, Japan)

[L. Others]

P-93 “Hydrogel Microactuators by Two-Photon Polymerization” Haibo Ding, Zhongze Gu (Southeast University, China)

P-94 “Photoredox Catalysis by Ru(II) Complexes Encapsulated into Metal-Organic Frameworks” Seong Huh, In-Hwan Choi, Suk Bin Yoon, Youngmee Kim (Hankuk University of Foreign Studies, Korea)

P-95 “Real-time Measurement of Liquid Crystal Alignment Based on the Interference Effect of Ordered Porous Nanomaterials” Lele Zhou, Qianqian Su, Ao Dong, Weiping Qian (Southeast University, China)

P-96 “Versatile Strategy for the Creation of Protein-based Materials via Phase-Separated Condensation” Tatsuya Nojima (Southeast University, China)

P-97 “CO₂ Generation with TiO₂-Supported Glass Fiber Cloth and Ethanol” Yuta Kimura, Kenichiro Iwasaki, Nakanishi Takayuki, Ken-ichi Katsumata, Atsuo Yasumori (Tokyo University of Sciences, Japan)

P-98 “Supercapacitor Behavior of Spindle Shaped Cerium Oxide Nanoparticles” Sandhya Gadge, Sarika Jadhav, Ashif H. Tamboli, Norihiro Suzuki, Chiaki Terashima, K. P. Adhi, Suresh W. Gosavi, Akira Fujishima (Savitribai Phule Pune University, India)

P-99 “The Interference Effective Substrates of Ordered Porous Polystyrene Films with TiO₂ Enhancement layer” Qianqian Su, Pengfei Xu, Ao Dong, Weiping Qian, Norihiro Suzuki, Akira Fujishima (Southeast University, China)

P-100 “Photocatalytic Growth of Ag Nanocubes on Ordered Mesoporous TiO₂ for High-Density Optical Memory” Xin Li, Shencheng Fu, Xintong Zhang, Yichun Liu (Northeast Normal University, China)

P-101 “Application of Nano-Sized Structural Fe-Ni-W Plated Film Electrode to Zinc-Air Battery” Sachio Yoshihara, Hikari Ohtake, Jiu Sasaki (Utsunomiya University, Japan)

P-102 “Photocatalysis *versus* Electrochemistry” Yoshio Nosaka, Atsuko Nosaka (Nagaoka University of Technology, Japan)

[Addition]

P-103 “Development of Photocatalytic Building Materials with Self-cleaning and Antimicrobial Function” Lenka Hykdrová, Hana Bíbová, Jaromír Jirkovský, Jan Šubrt, Eva Pližingrová, Michaela Jakubičková, Tereza Sázavská, František Peterka, Pavel Dohnálek (J. Heyrovský Institute of Physical Chemistry CAS, Czech Republic)