Poster Presentations

Poster Group A

Poster	Name (University)	Presentation Title
P-1A	Yo Kinoshita *(Osaka University)*	Controlling relative positions of donors and acceptors and luminescence properties of charge-transfer complexes
P-2A	Tomoya Anai *(Kagoshima University)*	Hydrophobization of Cellulose Nanofibers by Enzymatic Grafting of Partially 2-Deoxygenated Amyloses
P-3A	Zhuying Zhang *(Osaka University)*	Fabrication of Single-charged Nano-films by Layer-by-Layer Assembly and Their Application
P-4A	Hong-Jia Lin *(National Cheng Kung University)*	Fluorescent sensing copolymer: synthesis, nanofiber fabrication and application in picric acid sensor
P-5A	Rina Matsuoka *(Osaka University)*	Synthesis and improvement of blue emitting $Ag(In_xGa_{1-x})S_2$ quantum dots with gallium sulfide shell
P-6A	Yosuke Uchida *(Kagoshima University)*	Preparation of adhesives composed of a mixture of catechol derivative and epoxy group-containing cyclosiloxane and their adhesive properties
P-7A	Manjie He *(Osaka University)*	Design of poly(L-lactide) based shape memory bioelastomers for the esophageal stent application
P-8A	Pin-Yen Cheng *(National Cheng Kung University)*	Supramolecular Amphiphile Adsorption on Amyloid ß Oligomers: A Molecular Dynamic Simulation Study
P-9A	Emil Hajili *(Osaka University)*	3D Hierarchically Porous Chitin and Chitosan Monoliths preparation through Thermally Induced Phase Separation
P-10A	Azumi Fukuyoshi *(Kagoshima University)*	Development of a catechol-functionalized siloxane copolymer with low-viscosity and strong adhesive
P-11A	Asuka Bunno *(Osaka University)*	Supramolecular Nanosheet Composed of Rose Bengal and the Regulation of Photosensitizing Mechanism by Self-assembly
P-12A	Chuan-Chieh Hsiang *(National Cheng Kung University)*	Tailoring key enzymes for high-level renewable itaconic acid production using engineered *Escherichia coli* via whole-cell bioconversion
P-13A	Navapat Krobkrong *(Osaka University)*	Tuning of the emission color from type II Ag–In–S/Ga–S–Se core/alloy shell semiconductor quantum dots
P-14A	Shiori Matsuo *(Kagoshima University)*	Preparation of amphiphilic ladder-like polymer by intramolecular polycondensation of a polyether containing dialkoxysilyl side-chain groups and stability evaluation of nanoaggregate formed in water
P-15A	Asli Sena Karanfil *(Osaka University)*	Physicochemical Surface Effect on Dedifferentiation of Mature Adipocytes

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P-16A	I-Chuan Lin *(National Cheng Kung University)*	Microscopy and Microbeam X-ray Analyses on Crystals with Artificial-ring Growth in Poly(ethylene adipate)
P-17A	Haruka Kubo *(Osaka University)*	Construction and Transformation of a Layered Hydrogen-bonded Organic Framework Composed of an X-shaped Tetracarboxylic Acid
P-18A	Hikaru Oyama *(Kagoshima University)*	Single-chain variable fragment antibodies that bind to chondroitin sulfate A
P-19A	Hsin-Hui Lin *(National Cheng Kung University)*	Study on Structural Features and Dielectric Property of Hybrid Langmuir-Blodgett Films Prepared upon the Oriented Assembly of Fluorescent Polyfluorenes and Carbon Nanotubes
P-20A	Taito Hashimoto *(Osaka University)*	Construction of highly crystalline hydrogen-bonded solid solution framework based on pyrene-hydropyrene system
P-21A	Koki Murata *(Kagoshima University)*	Development of novel self-adjuvanting vaccine using Glyco-nanoadjuvants
P-22A	Jia Ying Chang *(National Cheng Kung University)*	Bioinspired Photo/Thermal Tunable Artificial Iris Based on Functional Liquid Crystalline Elastomers (LCEs)
P-23A	Tomoki Furuta *(Osaka University)*	Arrangement Control of Triptycene Rotational Moiety by Organic Crystals and Rotational Dynamics
P-24A	Taketo Mizuma *(Kagoshima University)*	Chemical Databases with Automatic Regression and Clustering Functionalities
P-25A	Yucheng Shang *(Osaka University)*	Effect of Extracellular Matrix Density and Stiffness on Blood Capillary Formation in Three-dimensional Tissue
P-26A	Yu Yong *(National Cheng Kung University)*	Pb-free halide perovskite/TiO_2 heterostructure for enhanced solar-driven PFC
P-27A	Yuxiang Jia *(Osaka University)*	Dual-crosslinked Starch/Carboxymethyl Cellulose Blend Film with Ion-responsive Dissolution Properties
P-28A	Shih-Yu Lo *(National Cheng Kung University)*	Selective capture of carbon dioxide from metal-organic frameworks prepared from caprolactam
P-29A	Masaaki Iwamoto *(Kagoshima University)*	Inclusion Behavior of Amylose Toward Hydrophobic Polyesters in Vine-twining Polymerization
P-30A	Fumiya Fujino *(Osaka University)*	Fabrication of Aluminum Metal Secondary Battery Using High Potential Reaction of Sulfur Cathode
P-31A	Siang-Yun Li *(National Cheng Kung University)*	Exploring Zn-Sn-O (ZTO) Composition Spreads with Combinatorial Sputtering
P-32A	Kazuki Shibasaki *(Osaka University)*	Surface hydrophobicity and improved starch dispersibility with Starch-grafted-OLA in PLA / TPS blend

Poster Group B

Poster	Name	Presentation Title
P-1B	Tsujita Koki *(Osaka University)*	Fabrication of hydrogel electrodes with the conductive wrinkle surface
P-2B	Yusuke Egi *(Kagoshima University)*	Facile Acylation of Chitin in Deep Eutectic Solvents
P-3B	Kento Iga *(Osaka University)*	Preparation of aluminum–sulfur rechargeable batteries using new inorganic ionic liquids as electrolytes
P-4B	Yuan-I Lin *(National Cheng Kung University)*	Novel gel polymer electrolyte with high performance for NMC Lithium-ion Batteries
P-5B	Kazuki Kojima *(Osaka University)*	*In-situ* Electrochemical Studies on Si-based Binder-free Electrode Prepared by Electrophoretic Deposition
P-6B	Yumi Nakano *(Kagoshima University)*	CO_2/N_2 selectivity of composite membranes composed of imidazolium-functionalized polysiloxanes and PDMS
P-7B	Sakura Yamamoto *(Osaka University)*	Development of Type I Photosensitizer by Self-Assembly for Photodynamic Therapy
P-8B	Yi-Chen Tsai *(National Cheng Kung University)*	The Impact of Fatty Acid on the IPA Bilayer Biophysical Properties: A Molecular Simulation Study
P-9B	Haruya Ishida *(Osaka University)*	Preparation of Supramolecular Structures from 6-*O*-Methylated α-Cyclodextrin
P-10B	Kanako Sonoda *(Kagoshima University)*	Preparation of a single cyclic tetrasiloxane containing imidazolium and methyl side-chain groups
P-11B	Ryota Akai *(Osaka University)*	Systematic and Precise Control of the Molecular Arrangement of Organic Semiconductors for High Charge Carrier Mobility
P-12B	Hsin Ju Chang *(National Cheng Kung University)*	Cholesterol modulation for thermosensitive properties of negatively charged catanionic vesicles fabricated from a pseudotriple-chained ion pair amphiphile
P-13B	Kohei Okubo *(Osaka University)*	Porous Organic Salts Composed of Square Planar Tetrasulfonic Acids and Bulky Amines
P-14B	Ryoma Hayase *(Kagoshima University)*	Synthetic study on heparan sulfate partial disaccharide structures containing GlcN-IdoA sequence
P-15B	Naoto Kotera *(Osaka University)*	Fabrication of Pt/C catalysts using metal - organic frameworks (MOFs)-derived carbon supports and their oxygen reduction performances
P-16B	Hanh Thi-Tuyet Nguyen *(National Cheng Kung University)*	Solid Polymer Electrolyte for Lithium Metal Batteries Operated at Room Temperature

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P-17B	Tamaki Kumauchi *(Osaka University)*	Construction of Collagen Honeycomb Scaffold for Enhanced Muscle Fiber Tissue Support by 3-Dimensional Bioprinting
P-18B	Mitsuki Hashiguchi *(Kagoshima University)*	Binding selectivity of single-chain variable fragment antibodies that bind to *N*-glycolylneuraminic acid-containing sialyl Tn antigen to cancer cells
P-19B	Chia-Chi Chang *(National Cheng Kung University)*	*In-Situ* Thermal Polymerized Electrolytes Based on Anion-Trapping Boron Moieties for Lithium-Ion Batteries
P-20B	Takumi Ichimura *(Osaka University)*	Construction of Cage-like Porous Structure by Tetrasulfonic Acid with Bulky Adamantane Core and Immobilization of Metal Complex Catalysts
P-21B	Nana Masunaga *(Kagoshima University)*	Synthesis and binding interaction analysis of sialyl Tn antigens
P-22B	Sheng-Ran Lin *(National Cheng Kung University)*	Electrospinning of iPP/sPP blend solution and transcrystallization of iPP with the electrospun fibers
P-23B	Madhurangika Panchabashini Horathal Pedige *(Osaka University)*	Hydrogel Composites Preparation with pH-Responsiveness and Three-dimensional Stability using Bacterial Cellulose and Chitosan.
P-24B	Haruki Tagami *(Kagoshima University)*	Search for Hidden Conformers with Variational Autoencoder
P-25B	Tzu-Hsiang Liu *(National Cheng Kung University)*	Bound State in the Continuum in Intra-Coupled All-Dielectric Coherent Metasurface
P-26B	Ami Takahiro *(Osaka University)*	Designing Void structures and Environments of Porous Organic Salts composed of Triphenylmethylamine derivatives and Tetrahedral tetrasulfonic acids
P-27B	Ting-Hsun Chiang *(National Cheng Kung University)*	Fabrication of imprinted poly(4-MAANI-*co*-HEMA) modified electrode for the electrochemical determination of urinary uric acid concentration
P-28B	Tatsuya Hirano *(Osaka University)*	High-quality and high-yield synthesis of Ag–In–Ga–S quaternary Quantum Dots
P-29B	Wen-Yuan Chiu *(National Cheng Kung University)*	Synthesis of polymeric quaternary ammonium salts with catechol terminal end and its applications for surface modification
P-30B	Riku Sugano *(Osaka University)*	Fabrication of Ag–In–Ga–S quantum dot electroluminescence devices with gallium oxide electron transport layers
P-31B	Yi-Ping Chen *(National Cheng Kung University)*	In-situ formation of polymer electrolytes using phosphazene cross-linker for high performance lithium ion batteries.
P-32B	Jun Nakagawa *(Kagoshima University)*	Preparation of hard-coated antifogging films composed of carboxyl-functionalized POSS and polyvinyl alcohol