

Poster #	First name	Middle Name	Last Name	Title
P-1	Chun		Huang	1,1,1,2-tetrafluoroethane Plasma Polymerized Nano-Film Growth with Reactive Gas Mixtures
P-2	Thanh Nhan		Nguyen	Heteroleptic Triple-stranded Helicates and Their Coordination-driven Self-assemblies
P-3	Anh	Ngoc	Nguyen	Direct Growth and Post-Treatment of Zeolitic Imidazolate Framework-67 on Carbon Paper: Effective and Stable Electrode System for Electrocatalytic Reaction
P-4	Hirogi		Yokochi	Toughening Mechanism of Rotaxane Cross-Linked Polymers with Extremely Short Axles: Role of Terminal Structure at Rotaxane Linkage
P-5	Chih-Chia		Cheng	Photoreactive Mercury-Containing Metallosupramolecular Polymers for Cancer Therapy
P-6	Thang	Cao	Doan	High mass-loading of nickel cobalt layered double hydroxide on 3D-printed electrode for cathode of asymmetric supercapacitor
P-7	Kota		Mitsumoto	Elastic heterogeneity governs spatial distribution of adsorbed molecules in a soft porous crystal
P-8	Dehua		He	Photothermal Synergistic Catalytic Materials for Activation and Conversion of CO ₂ and Biomass-based Glycerol to Glycerol Carbonate
P-9	Hiroshi		Matsutaka	MOF-derived Porous Carbons with High Adsorption Performance
P-10	Junnosuke		Motoori	Chirality Amplification Sensing Using A Porphyrin-Polythiophene Conjugate
P-11	Chih-Yu		Chang	Electrostatically Self Assembled Zwitterionic Molecules for Efficient and Stable Flexible Tribo electric Nanogenerators with Extraordinary Antibacterial Activity
P-12	Gosuke		Washino	Design of Ionic Liquid Crystal Molecules Triggered by Rotaxane Structure Formation
P-13	Futo		Morita	Design and synthesis of 3D π -extended carbohelicenes for high brightness circularly polarized luminescence
P-14	Osamu		Hayashida	Synthesis and Multivalently Enhanced Guest-binding Properties of Functionalized Azacyclophanes
P-15	Yuya		Araki	Synthesis of PDI-cyclophane Conjugates and Their Self-aggregation and Guest-induced Agglutination Behavior
P-16	Kenta		Tamaki	Real-time Visualization of Photo-induced Transformation on Supramolecular Structures
P-17	Sobi		Asako	Substrate Recognition and Reaction Control by Functional Spirobipyridines
P-18	Yuki		Shintani	Oxidation-Responsive Supramolecular Hydrogel Exhibiting Autonomous Gel-Sol-Gel Transition
P-19	Shintaro		Sugiura	<i>In situ</i> constructed glycopeptides serving as a multivalent ligand for lectins through self-assembly
P-20	Kai		Sato	Development of supramolecular complexes consisting of aromatic compounds-modified cyclodextrins and ferrocene for the boron detection reagent in water
P-21	Ryo		Suzuki	Detrimental Effects of "Universal" Singlet Photocrosslinkers in Organic Photovoltaics
P-22	Kunyi		Leng	"Photochemical Surgery" of 1D Metal-Organic Frameworks with a Site-Selective Solubilization/Crystallization Strategy
P-23	Hongyao		Zhou	Electroresponsive coordination complex showing reversible coil-helix transition
P-24	Kazuki		Toyama	A Redox-Responsive Multi-Ferrocene Capsule: Encapsulation-Induced CT Interactions
P-25	Zhenfeng		Guo	A precise property control methodology of optoelectronically-active alkyl- π liquids through liquid blending
P-26	Akarsh		Verma	Mechanical loading in random solid solution bicrystalline Al-Mg alloy with faceted grain boundaries: Atomistic-scale simulations based scrutiny

P-27	Doo-Hyun		Ko	Multi-component Blends for Highly Efficient Organic Photovoltaics
P-28	Akito		Tateyama	Controlling the elastic modulus of alkyl- π liquids by gelation for enhancing charge retention electret ability
P-29	Ilias		Papadopoulos	Chiral Control over Singlet Fission within Supramolecular Aqueous Nanoparticles
P-30	Takaho		Yokoyama	Edge on Orientation of Y6 Thin Film Induced by Surface Segregated Monolayer of Fluoroalkyl containing Y6 Derivative
P-31	Ricky	Dwi	Septianto	Gate-Induced Metallic Transition of Quasi Two-Dimensional Epitaxially-Connected Colloidal Quantum Dot Superlattice
P-32	Shumpei		Katayama	Insect On-Surface Electrical Stimulation Technology Using Stretchable Film Electrodes
P-33	Tomohiro		Nobeyama	Regulation of the Liquid-liquid Phase-Separated Droplets of Biomacromolecules and Enzyme Activity by Butterfly-Shaped Gold Nanomaterials
P-34	Shuxu		Wang	Magnetically Controlled Colloidal Assembly with Conformational Transformation
P-35	Ryou		Kubota	Emergence of dynamic instability by hybridization of supramolecular dipeptide fibers with surfactant micelles
P-36	Qifeng		Mu	Force triggered rapid microstructure growth on gel surface for on-demand functions
P-37	Yitong		Xie	Biomimicking Natural Wood to Fabricate Isotropically Super-strong, Tough, and Transparent Hydrogels for Multifunctional Applications
P-38	Yunlei		Zhang	Tunable surface friction prototype inspired by catfish
P-39	Tomohiro		Takahashi	Development of an anisotropic hydrogel based on the design of its gel-gel interface
P-40	Shoma		Kondo	Imparting a thermoresponsive ability to graphene oxides by counteraction engineering
P-41	Daisuke		Ogawa	Inorganic Nanosheets Self-Assembled from 1D Nanomaterials
P-42	Sho		Takamiya	Control of Supramolecular Polymorphism in Self-assembly of Scissors-shaped Chlorophyll Dyads
P-43	Yiren		Cheng	Green Non-covalent Synthesis of Sustainable Supramolecular Plastics
P-44	Hao		Wang	Mechanically robust, room-temperature self-healable polymers
P-45	Yingluo		Zhao	Pathway Complexity in Nanotubular Supramolecular Polymerization: Metal-Organic Nanotubes with a Planar-Chiral Monomer
P-46	Ruiqi		Guo	AI Accelerated Computational Design of the Freeform Solar Cell Structures
P-47	Keita		Mori	Metal-dependent Acceleration of Oxidative Protein Folding Driven by Thiol Compounds with Cyclic Polyamine Ligands
P-48	Makoto		Nakagawa	Supramolecular Gels for Helical Growth of Au Nanowires
P-49	Masaki		Yamaguchi	Development of transparent liquid crystal/polymer composites using highly polar liquid crystals and their memorizable electro-birefringence effect
P-50	Retno	Dwi	Wulandari	Influence of Anchoring Ligand on Single PbS Quantum Dot Transistor
P-51	Thanyarat		Phutthaphongloet	π -SnS Colloidal Quantum Dots for Field-Effect Transistors
P-52	Katerina		Teichmanova	Tuning NIR Emission of Diphenyl-dihydrophenazines with Donor-Acceptor Architecture
P-53	Ryosuke		Anraku	Super-resolution Fluorescence Imaging of Polymer Structures Formed in Liquid Crystals under Non-aqueous Environment
P-54	Wei		Yuan	Dynamic Behavior of a Metal-Peptide Framework
P-55	Li-Fu		Ho	Sequential-Deposition Blade-Coating Approach for Preparing Work Function-Tunable, Highly-Conductive, Ionic Liquid-Functionalized PEDOT:PSS Electrodes for Large-Scale Triboelectric Nanogenerators

P-56	Chia Hsin		Lin	Unraveling Adhesion Behavior of Different Cells on Biomimetic PEDOT Interfaces: Role of Surface Morphology and Antifouling Properties
P-57	Sota		Sasaki	Low voltage driving dielectric elastomer actuator using ferroelectric nematic liquid crystal
P-58	Bohan		Cheng	Molecular crystals of [2] catenanes as isorecticular porous materials
P-59	Kun		Fang	Mussel-inspired adhesive BMP-2 and ultrasound synergized osteogenic differentiation
P-60	Jinxu		Liu	Columnar Liquid Crystalline Corannulene with Axial Ferroelectricity
P-61	Xiaoyao		Wei	The Effect of Deep Eutectic Solvents in the Construction of Humidity-Response Cellulose Nanocrystal Composite Film
P-62	Yusuke		Wakayama	Application of supramolecular interaction in electrochemical Peltier refrigeration
P-63	Kiyoshi		Morishita	ATP-Responsive Vesicles Composed of Biomolecular Machine Gigantic Amphiphiles
P-64	Jiarui		Fu	Counting the microscopic states of crystal specimens: Unveiling entropy of disorder via electron diffraction
P-65	Sixing		Xiong	Waterproof and ultraflexible organic photovoltaics
P-66	Masuki		Kawamoto	Chemical Storage of Ammonia by Hybrid Organic-Inorganic Perovskites
P-67	Yoshikatsu		Kameda	MOF-Supported Molybdenum Complexes as Reusable Ammonia Synthesis Catalyst
P-68	Xiangjun		Zheng	Ultra-thin Organic Photovoltaics with a Power Density of Nearly 40 W g ⁻¹
P-69	Yang		Hong	Supramolecular Polymer with Carbon Dioxide as a Monomer
P-70	Ririka		Sawada	Optical, Dielectric, and Thermal Properties of Novel Semi-alicyclic Polyimides and Copolyimides Containing Bio based Iso sorbide Isomannide Moieties
P-71	Gangfeng		Chen	Asymmetric Biasing Growth Spiral in Crystallization
P-72	Kyohei		Nakano	Essential property of semiconducting polymers for high-performance field-effect transistors
P-73	Yasushi		Okumura	Three-dimensional imaging of polymer orientation in liquid crystal/polymer composites using bifunctional dichroic fluorescent dyes
P-74	Baocai		Du	Surface-Energy-Mediated Interfacial Adhesion for Mechanically Robust Ultraflexible Organic Photovoltaics
P-75	Marina		Doi	Time evolution of phosphorescence of imide compound under continuous UV irradiation at low temperatures affected by oxygen diffusion in polymer matrix
P-76	Shuo		Chen	Fluorous Nanochannels Enabling Both Ultrafast Water Permeation and Salt Rejection
P-77	Wenqing		Wang	Ultrathin, self-adhesive, sweat absorbing Janus membrane epidermal pH sensor
P-78	Miyuki		Hanazawa	Investigation of Early Stage of CaCO ₃ Formation by Transmission Electron Microscopy
P-79	Reo		Saito	Oriented disordered phase of camphorquinone
P-80	Takayuki		Miki	De novo peptides for bottom-up construction of intracellular protein condensates
P-81	Yanni		Zhou	Morphosynthesis of Self-assembled Cyclic-bending Collagen Fibrils by Polyimide Film Structures
P-82	Yuki		Wada	Adaptable water networks inside a metal-organic framework for atomic-resolution crystalline sponge method
P-83	Hiroaki		Maemori	Networks of Polymer-Wrapped Single-Walled Carbon Nanotubes for High Performance Supercapacitors
P-84	Hiroaki		Suzuki	Electrochemical proton coupled electron transfer processes to form neutral radicals of azaphenalenenes: pK _a values of protonated radicals

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P-86	Kohei		Kikkawa	"All-Underwater" Adhesives with Excellent Durability
P-87	Yudai		Yokoyama	Low-Density but Mechanically Strong Nanomembranes Enabled by Polymerization under Unique Electrochemical Conditions
P-88	Pavel		Usov	Selective diffusion of CO ₂ through momentarily accessible channels inside a metalorganic framework containing isolated voids
P-89	Yuto		Aoki	The Influence of Colloidal Quantum Dot Assembly Morphology on The Infrared Photodetector Device Performance
P-90	Yan		Zhang	Iron-Catalyzed Aza-Annulative π -Extension using a Self-Oxidation Auxiliary
P-91	Dennis		Kwaria	Visible Light PCLT (Photoisomerization-induced Crystal-Liquid Transition) Azobenzene for Solar Thermal Fuel Applications
P-92	Seiya		Kikukawa	Facile Preparation of Polycyclic Halogen-substituted 1,2,3-triazoles by Using Intramolecular Huisgen Cycloaddition and Their Synthetic Application
P-93	Joonsik		Kim	Highly Selective Separation of Isoprene from a C5 Hydrocarbon Mixture Using Metal Organic Frameworks
P-94	Takashi		Yasuda	Semidilute principle of osmotic pressure in polymer gels
P-95	Kanato		Saita	Development of Multiblock Amphiphile for Transient Ion Permeation through a Chemical Reaction Cycle within Lipid Bilayers
P-96	Niannian		Wu	Graphitic Carbon Nitride Thin Films for Electrical and Optical Applications
P-97	Shota		Fukuma	Zn-mediated Anionic Cyclization for Divergent Synthesis of Spiro-conjugated Molecules
P-98	Thirasara	Sammani	Pituwalakankanamgeh	A new frontier in monitoring insulin fibrillation by chromatographic techniques
P-99	Yuta		Fujisawa	Design Principles of Self-Healing Polymer Glass for Practical Application
P-100	Qinxuan		Yang	Building Supramolecular Polymers within Living Cells Using <i>de novo</i> Designed Self-assembling WR9 Peptides
P-101	Haruki		Otake	Imidazolium-based Multiblock Amphiphile for Transmembrane Transport of Organophosphates
P-102	Tonmoy		Ray	2-Dimensional ATP responsive Biomaterial from Biomolecular Machine GroEL Exhibiting Independent and Enhanced Catalytic Activity
P-103	Yoshimi		Oka	Blue Light-induced Radical Ion Pairs in Flavin-Trp Dyad
P-104	Yuto		Ochiai	Liquid semiconducting polymer and its fluidic characteristics for mechanical and FET device properties
P-105	Yoshitaka		Tsuchido	An In-plane Aromatic Rotaxane
P-106	Kohsuke		Kawabata	NIR-absorbing Organic Semiconductors Based on a Naphthodithiophenedione; Effects of Substituent Position on The Solid-state Structures and Properties
P-107	Kirill		Bulgarevich	Multi-Single-Crystal Films: Towards Practical Applications of Single-Crystal Organic Semiconductors
P-108	Haruki		Sanematsu	Naphthothiophenediimide-Based Organic Semiconductor Molecules with Hexaarylbenzene Motif
P-109	Barun		Dhara	Effect of counter anions on crystal and electronic structure of MT-Pyrene-based conductive salts
P-110	Takejiro		Ogawa	2D Assembly and Dynamic Behavior of Dipolar Molecular Rotors
P-111	James		Ryan	Squaraine Nanowire Memristors and Their Neuromorphic Capabilities