Program

Poster Session 1 (May 27th, Tuesday, Miyako Messe)

A：1F Exhibition Hall A, B：3F Exhibition Hall B

P1A_1	**Isoreticular porous crystals formed by mechanically interlocked molecules** Bohan Cheng
P1A_2	**Solid-State Self-Assembly of Anthracene-based Molecular Tweezers** Masahiro Yamashina
P1A_3	**Chiral Ring-in-Ring Complexes with Torsion-Induced Circularly Polarized Luminescence** Liu Jia
P1A_4	**Pyrene-Containing Carbon Nanohoops: Self-Assembling into a Ring-in-Ring Supramolecular Complex** Yoshitaka Tsuchido
P1A_5, PNA_18	**A Highly Photo-Stable[8]Rotaxane-Type Circularly Polarized Luminescence Fluorophore Exhibiting Near-Infrared Emission** Kohei Nishioki
P1A_6	**Temperature-Dependent Emission Behavior of Platinum(II) and Palladium(II) Complexes: Insights into Metal···Metal Interactions** Masaki Yoshida
P1A_7	**Perylene bisimide J-aggregates in polymer matrix: controlling self-assembly and fluorescence properties** Rikuto Kanno
P1A_8	**Mechanochromic fluorescence of anthracene bisimide derivatives incorporating N-containing aromatic donor units** Tetsuo Iwanaga
P1A_9	**Impact of symmetrical/unsymmetrical introduction of amino-acid-based diamide on supramolecular polymerization of aryleneethynylenes** Saeko Yamada
P1A_10	**Organic-inorganic epitaxial interface on inorganic materials as scaffold for oriented growth of frameworks compounds** Kenji Okada
P1A_11	**Lipid nanodiscs formed with apolipoprotein mimetic polymer and their application to molecular delivery** Kazuma Yasuhara
P1A_12, PNA_17	**Fabrication of Superhydrophobic Surface from a Supramolecular Organosilane with Atmospheric Pressure Plasma Processing** Chun Huang
P1A_13, PNA_19	**Pathway Complexity affords Dynamic *P*/*M* Supramolecular Aggregates from Chiral and Non-symmetric OPE Derivatives** Carla Lorenzo
P1A_14	**Pillar[5]arene Dimer: Length-Adaptive Encapsulation of Long-Chain Guests** Shunsuke Ohtani
P1A_15, PNA_20	**Internal and external pockets in pillar[n]arene sheets and their host-guest binding beyond cavity volume limitations** Tan-Hao Shi
P1A_16	**Ultrasound-induced circularly polarized luminescence based on homochiral aggregation of clothespin-shaped Pt(II) complexes** Masahiro Ikeshita

P1A_17 **Revisiting C_4N_4 Fluorophore: Theoretical Elucidation of the Origin of Fluorescent Properties of 2,5-Diaminopyrimidines and Applications to Reliable Detection of Heavy Metals**
Miki Kohei

P1A_18 **One-Handed Helical Supramolecular Polymer Formed by Molecular Recognition of Chiral Bisporphyrin**
Naoyuki Hisano

P1A_19 **Synthesis of Large Water-Soluble MOCs for Biomolecule Encapsulation in Aqueous Media**
Jack D. Wright

P1A_20 **Amino-Acid Based Multi-substituted Chiral (Benzimidazolyl)benzenes: Synthesis and Self-assembling Behavior**
Hiromitsu Sogawa

P1A_21 **Various self-assembly morphology form bacteriochlorophyll-*d* analogs possessing a branched alkyl chain**
Nobuyuki Hara

P1A_22 **Pattern Recognition-Driven Chemical Sensing based on Molecular Self-Assembly**
Yui Sasaki

P1A_23 **Novel active-template strategies for the synthesis of interlocked molecules**
Nikolai Brodt

P1A_24 **Triply Responsive Control of Anion/Cation Transport with an Artificial Ion Channel Responsive to Multiple Stimuli**
Charlie T. McTernan

P1A_25 **Chiral rotaxanes for halogen bonding catalysis**
Sophia Felicitas Stadtfeld

P1A_26 **New surfactants based on DNA chemistry: synthesis and study of their self assembly**
Geoffrey Ascione

P1A_27 **Amphoteric chalcogen bonding and halogen bonding rotaxanes for cation and anion recognition**
Yuen Cheong Richard Tse

P1A_28 **The Disorder-to-Order Structural Transformation and Crystallinity Enhancement in Metal-Organic Frameworks**
Chia-Her Lin

P1A_29, PNA_21 **Exerting pulling forces in fluids by directional disassembly of microcrystalline fibres**
Luis Claudio Pantaleone

P1A_30 **Enzyme-catalyzed Reactions of Tough Poly(ester) - Poly(urethane) Elastomers with Movable Crosslinks: Degradation, Reinforcement, Recycling and Upcycling**
Yoshinori Takashima

P1A_31 **A Conformationally Adaptive Cage with Multiple Guest Recognition Modes**
Yongwei Qian

P1A_33 **Compositing the dissimilar polymer materials with movable cross-link and application for mechanical sensor**
Ryohei Ikura

P1A_34 **Iron Complexes of new Tetraaza-Macrocycles**
Herbert Plenio

P1A_35 **Photo-redox Coupled Oscillating Supramolecular Polymers**
Vandana Kushwaha

P1A_37, PNA_22 **A Dipolar Molecular Motor with Planar Chirality**
Thomas Alain Hector

P1A_38 **Investigation of the Dynamic Behaviors of Coordination Polymers on Cu(111)**
Waka Nakanishi

P1A_39 **Silica Nanoparticles for Photoresponsive Phosphorescent Materials**
Rick Yannick Lorberg

P1A_40 **Synthesis and Properties of Oligoparaphenylene Rotaxanes**
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P1A_41 **Efficient Synthesis of Complex Multicyclic Polymers via Cyclopolymerization**
Takuya Isono

P1A_42 **A Tough and Recyclable Adhesive Sheet with Topological Cross-Linking made by Cyclodextrin and Acrylic Polymers**
Sho Kosaba

P1A_44 **Highly efficient catalytic approach to the synthesis of functionalized silsesquioxanes: Examples of Cage Compounds: Examples of Cage Compounds**
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P1A_45 **Synthesis, Characterization and coordination behaviour of two novel salicylaldimino calix[4]arene ligands towards UO_2^{2+}**
André Busching

P1A_46 **Synthesis, Structure, and Host-Guest Binding of Cambiarene Macrocycles**
Jay Wm Wackerly

P1A_47 **Design and Investigation of Small Selenium-Based Emitters**
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P1A_50 **Investigating the Structure-Property Relationships of Doubly-Threaded Slide-Ring Polycatenane Networks**
Guancen Liu

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P1A_54 **Synthesis, structure and application of nickel(II) complexes with salen-type ligands as catalyst precursors for hydrosilylation reactions**
Piotr Pawluc

P1A_56 **Oxidative transformations of ortho-phenylene-bridged macrocyclic heteroarenes**
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P1A_67 **Coupling Photo-responsive Transmembrane Transport with Transition Metal Catalysis**
Xiangyu Chao

P1A_68 **Dynamic mechanostereochemical switching of a co-conformationally flexible [2]catenane controlled by specific ionic guests**
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P1A_70 **Self-sorting mixed monolayer-protected metal nanoparticles**
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P1A_71 **Controllling Synthesis of a Interlocked Daisy Chain Polymer Using Ring-Opening Metathesis Polymerization**
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Catriona Thomson

P1A_74 **The mechanical strength of molecular knots**
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Takuma Shinoda

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Luis Escobar

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Shohei Shimizu

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P1B_80 **Construction of Ordered Coaggregation Structure Using a Perovskite Nanocrystal and a Perylene Bisimide Derivative**
Erika Yoshida

P1B_81 **Sulfur-based Semiconductive Coordination Polymers Enabling Efficient, Selective Reduction of CO_2 to Formate under Visible Light**
Daisuke Tanaka

P1B_82 **Syntheses and structure of lanthanide complexes constructed with a deca-dentate cage-type ligand**
Saho Tamayose

P1B_83, PNA_60 **Synthesis of salen-type cryptophanes using dynamic covalent bonds and the guest recognition**
Zongjiang Yu

P1B_84 **Design of bio-inspired polymers for selective recognition of heavy metal ions**
Masaki Nakahata

P1B_85, PNA_61 **Synthesis and Derivatization of Super Acid Resistant Macrocyclic BODIPYs**
Keita Watanabe

P1B_86 **Efficient electron transfer based on the supramolecular complex formation of electron donors with polymers**
Hiroyasu Yamaguchi

P1B_88 **Enhancement of circularly polarized luminescence in silver nanoclusters through excited-state ionic interactions**
Takuya Nakashima

P1B_89 **Synthesis and Intramolecular Charge Transfer Characteristics Induced by Acridine Attached Pyrazinacenes**
Ko Kanehisa

P1B_90, PNB_23 **Dynamic Transformation Processes toward Dimensionally Distinct Out-of-equilibrium Supramolecular Polymorphs under Varying Light Intensities**
Kenta Tamaki

P1B_91 **Coordinative guest recognition triggers macroscale deformation of polymer gels based on metal-organic polyhedra**
Tomoki Tateishi

P1B_92 **Synthesis and ammonolysis of the polymer composites composed of aliphatic polycarbonates and β-cyclodextrins**
Shuto Uchiumi

P1B_93 **Synthesis and Molecular Recognition Behavior of TPA-Appended Pyrazinacenes with CN, Cl and NH_2 Substituents**
Ryo Nakamura

P1B_94 **Atomic-resolution structure analysis using water-adaptable porous frameworks**
Masaki Kawano

P1B_95 **Synthesis and emission studies of paddle-wheel Zn(II) complexes using benzoic/pentafluorobenzoic acid with pyridinium ligands**
Yuta Takeuchi

P1B_96 **Cyclic aromatic triamides for the assembly of conjugated systems and the preparation of copper coordination polymers**
Koji Takagi

P1B_97 **Supramolecular Association and Luminescent Properties of Ethynylanthracene-substituted Pyridine Isomers**
Hideyuki Takahashi

P1B_98 **Genie in a Bottle - Formation and Reactivity of an Elusive Monomeric Mn(IV)-Oxo Species Inside a Cavitand Pore**
Yuri Tulchinsky

P1B_99 **Light-driven Lithium Extraction from Mixtures of Alkali Cations using an Azobipyridine Ligand**
Yuyin Du

P1B_100 **Isolation and Characterization of Bionanopartciles derived from Petal Apoplastic Solutions**
Hikaru Richard Takaya

P1B_101 **Tris(pyridylpalladium(II)) metallacylcophanes: preparation and evaluation of their molecular/ion recognition behavior**
Hiroshi Danjo

P1B_102 **Hierarchical Self-Assembly of Urea Derivative**
Aoi Wakabayashi

P1B_103, PNA_63 **Transmission of Chirality from Exterior to Confined Cavity in a Molecular Barrels: Discovering Enantioselective Recognition of Atropisomers**
Agnieszka Bajer

P1B_104 **Enhanced mixed-orbital charge transport for zigzag-shaped π-conjugated molecules with heavier chalcogen elements**
Masato Mitani

P1B_105, PNA_64 **Regulation of Microtubule Dynamics and Function in Living Cells via Cucurbit[7]uril Host-guest Molecular Recognition**
Akshay Saroha

P1B_106 **ElliptiCB[n]: An Automated Tool for Measuring Ellipticity and Structural Deformations in Cucurbit[n]urils**
Michael Pluth

P1B_108 **Synthesis and properties of interlocked aza-Pechmann chromophores**
Aurelia Pastor

P1B_109, PNA_65 **Selective Photocatalytic Cross-[2+2] Cycloadditions Based on Confinement Effects with a Visible-Light-Active Pt(II)-Cornered Hollow Cage**
Rikuya Tanaka

P1B_110 **Reversible Linear-Cyclic Polymer Transformation via Looped Rotaxane Structures**
Kazuko Nakazono

P1B_111 **Single molecule investigation of transition paths in individual molecular shuttles**
Natalia Martín Sabanés

P1B_113, PNA_66 **A Synthetic Model Inspired by DNA Conformational Transitions: Exploring Mechanical Forces of Dynamic Poly(Phenylacetylene) Mechanophores**
Xiaoxiao Cheng

P1B_114 **Side-Chain Engineering of Porphyrin Block Co-J-Aggregates**
Mitsuhiko Morisue

P1B_115, PNA_67 **Size-modulable and monodisperse microresonators fabricated by inkjet printing for underwater applications**
Kariana Kusuma Dewi

P1B_116 **Synthesis of 3-way junction DNA structures that bind various viruses**
Yasuhito Ebara

P1B_117 **Single crystal X-ray diffraction for nanogram-scale compounds by using micro crystalline sponge**
Satoshi Yoshida

P1B_118 **Tough elastomers composed of rotaxane-crosslinked nanoparticles with high tear resistance**
Yuma Sasaki

P1B_119, PNA_68 **A Novel Helical Tris(salen)-Type Metallocryptand for Selective Recognition Towards Amino Acid Derivatives**
Syadza Firdausiah Syahruddin

P1B_120 **Supramolecular Luminescent Hybrid Nanowires with Energy Migration, Energy Transfer and Circularly Polarized Luminescence**
Tsuyoshi Kawai

P1B_121 **Imine-Bridged Type III-B Rotaxane Dendrimers**
Hidetoshi Kawai

P1B_122 **Sequential and Time-Controlled Sol-Gel Transitions by Switchable Molecular Tweezers**
Guillaume Vives

P1B_123 **Lanthanide-doped nanocrystals enable organic room-temperature phosphorescence in solution through direct triplet excitation**
Huangtianzhi Zhu

P1B_124 **Discussion: Energy conversion and mechanical work in supramolecular systems — Why are systems chemistry and self-organization essential?**
Yoshiyuki Kageyama

P1B_125 **Photoswitchable heteroleptic cage with catalytic activity**
Simona Sophie Capomolla

P1B_126, PNB_31 **Salt-Induced Aggregation of Water-Soluble Bipyridyl-Bridged Porphyrin Macrocycles**
Leonardo Hayato Foianesi-Takeshige

P1B_127 **Cruciform Macrocycles for Tubular Growth**
Joel Schlecht

P1B_128 **Complexation with β-Cyclodextrin Facilitates Differentiation of Alkyl Pyridyl Urea Isomers Via Mass Spectrometry and High Resolution Ion Mobility**
David V. Dearden

P1B_129 **Rigid sp^3 Hydrocarbons in Strained Macrocycles**
Clara Viola Douglas

P1B_130 **Synthesis and assembly of 2D carbon nanosheets**
Yuta Nishina

P1B_131 **Circularly Polarized Luminescence from Minimal Fluorophore-Based Macrocycles**
Marek Grzybowski

P1B_132 **Self-Assembled Monolayers of Bambusurils with Different Sulfur-Containing Anchoring Groups on Gold**
Ofer Reany

P1B_133 **Ruthenium(II) complexes with photoswitchable and photoejectable ligands**
Kavisha A. Sarma

P1B_134 **Supramolecular polymers with strong adhesion combining non-covalent self-assembly and covalent cross-linking**
Shimei Jiang

P1B_135 **Generation of Triplet States by Host-Stabilized Through-Space Conjugation for the Construction of Efficient Supramolecular Photocatalysts**
Weiquan Xu

P1B_136 **Multipoint Coordinative Recognition Using Macrocyclic Oligomers of Tridentate Chelate Complexes**
Takashi Nakamura

P1B_137 **Click Chemistry at the Calix[4]arene Methylene Bridge**
Abigail Louise Bidder

P1B_138 **Solvent-Free Autocatalytic Supramolecular Polymerization**
Zhen Chen

P1B_140 **Expanded M_9L_6 Cages for Medium-Sized Molecular Recognition**
Hiroki Takezawa

P1B_141 **Highly selective separation of toluene/methylcyclohexane based on pagoda[5]arene nonporous adaptive crystals**
Zhongwen Liu

P1B_142 **Pursuing the efficiency of nature's anion binders**
Xin Wu

P1B_143 **Visible Light Organic Photoredox Catalysis Accelerated by the Binding of Substrates in Macrocyclic Cavities**
Yannik Sebastian Hansmann

P1B_144 **Stimuli-responsive supramolecular polymer networks via in situ polymerization using macrocyclic ternary complex with coumarin monomers in water**
Shintaro Kawano

P1B_145 **A Modular Approach towards Rotaxane Mechanical Protecting Groups**
Daisy R. S Pooler

P1B_146 **Social self-sorting of quasi-racemic dialdehydes and ethylenediamine to construct a dual-pore molecular crystal**
Suguru Ito

P1B_147 **Inclusion Complexes of Quinidine with Cyclodextrins: NMR and Computational Study**
Gabriela Kaja Szczupaj

P1B_148, PNB_33 **External magnetic field-driven circularly polarized luminescence and circularly polarized electroluminescence from phthalocyanine luminophore**
Yoshitane Imai

P1B_149, PNA_70 **Efficient Data Collection for Image-Based Machine Learning Using Inkjet Printer**
Taichi Sano

P1B_150, PNB_35 **Structure investigations and applications of polyproline-based macrocyclic nanoscaffolds for carbohydrate-protein interactions**
Sheng-Kai Wang

P1B_151 **Spherulites of supramolecular polymers formed from undercooled melts, and their adhesive properties**
Yuichiro Watanabe

P1B_152, PNB_37 **Modular Synthesis of Twisted Closed [6]Helicene**
Akihiro Orita

P1B_153 **Dynamic Behavior of Two-Dimensionally Assembled Dipolar Molecular Rotors**
Takejiro Ogawa

P1B_154 **Anion Coordination Chemistry: from Supramolecular Assembly to Applications**
Biao Wu

P1B_155 **Two-dimensional ordering of stimuli-responsive molecular units using a triptycene-based supramolecular scaffold**
Jiatong Yu

P1B_156 **A new class of boronic ester architectures from fused polynorbornane frameworks**
Fred Pfeffer

P1B_157 **Post-Surface-Functionalization using Self-Assembled Monolayers of a Pyridyl-Substituted Triptycene Tripod**
Aono Yamaguchi

P1B_158 **Driving molecular recogntion with an information ratchet**
Benjamin Martin Wynn Roberts

P1B_159 **One-handed Helicity Induction in a Poly(dinaphthylacetylene) Derivative by Non-covalent Interaction with Chiral Guests**
Al Yeasin

P1B_160 **Metal-Organic Framework-Based Cathodes for Solar Fuel Production**
Nadine Schmaus

P1B_161 **Solvent-dependent spring-like conformational changes in optically active poly(phenylacetylene)-based polymer brushes**
Kiichi Hasegawa

P1B_162 **Influence of Substituents on the Rotational Motion of Ligands in Cyclopentadienyl Ruthenium Complexes for High-Temperature Molecular Motors**
Toshio Nishino

P1B_163, PNA_71 **Dynamic templated supramolecular Pt(II) assemblies for optochemically controlled oxidase activity and logic gate operations**
Rohit Kapila

P1B_164 **Organized Polymer Structures for Enhanced Ion Transport**
Yuki Nagao

P1B_165 **Porphyrin-based supramolecular assemblies and their applications**
Hosoowi Lee

P1B_166 **Light-induced High Proton Conductivity Switching and its Mechanism**
Kentaro Aoki

P1B_167, PNA_72 **Fullerene Induced Structural Transformation of a Metal-organic Cage and Olefin Oxidations by Fullerene Bound Complex under Red Light**
Ranit Banerjee

P1B_168 **Structural Interconversion Based on Intramolecular Boroxine Formation**
Kosuke Ono

P1B_169 **Synthesis, structure and fluorescence properties of 1,6-diarylpyrene encapsulated with methylene chains**
Sohta Yamamoto

P1B_170 **A Photolockable Polyaromatic Capsule with High Guest Binding Abilities in Water**
Lorenzo Catti

P1B_171, PNA_73 **Efficient templation of pillar[6]arenes**
Roy Lavendomme

P1B_172, PNB_42 **Molecular Modeling and Simulation on the Structural and Energetic Properties of Self-Assembled Supramolecular Polymers**
Yoshiki Ishii

P1B_173, PNA_74 **Construction of Low-Symmetry Self-Assembled Coordination Cages by Integrative and Heteromeric Completive Self-Sorting**
Minaz Parbin

P1B_174 **Orientation of Liquid Crystal inside the pores of MOFs**
Shizuka Anan

P1B_175 **(Supra) Molecular Multiple Radical Systems**
Xingmao Chang

P1B_176 **Chirality transfer in coordination-driven supramolecular cages**
Jacopo Tessarolo

P1B_177 **Hoops, Sandwiches and Batteries: Lithium Intercalation into Redox-Active Macrocycles**
Wojciech Stawski

Poster Session 2 (May 28th, Wednesday, Miyako Messe)

A：1F Exhibition Hall A, B：3F Exhibition Hall B

P2A_1 **15-Crown-5-ether-based supramolecular hydrogel with detection ability for potassium cation via gelation and colour change**
Rika Ochi

P2A_2 **The cyaphide-azide 1,3-dipolar cycloaddition reaction for the synthesis of mechanically interlocked molecules**
Alex James Mapp

P2A_3 **Isoreticular Synthesis of Mesoporous Metal-Organic Polyhedra**
Alba Cortés-Martínez

P2A_4 **The Development of Low Symmetry Supramolecular Cage Catalysts**
Ayesha Jacqueline Maheshwari

P2A_5, PNA_76 **Exploring Nucleic Acid Delivery and 3D Tumor Spheroids Penetration Using Self-Assembling Peptide Amphiphiles**
Ingram Tan

P2A_6 **Light-Responsive Single & Double-Stranded Foldamers**
David Canevet

P2A_7 **Unveiling the heteroepitaxial growth mechanism of metal-organic frameworks on copper hydroxide by atomic force microscopy**
Oki Saito

P2A_8 **New water-soluble iron macrocyclic ligand oxidation catalysts for water purification with hydrogen peroxide at pH 7**
Yongjian Chen

P2A_9 **Cardo Bisphenol Fused with Dibenzo[g,p]chrysene for a High Refractive Index Monomer**
Ikuma Okada

P2A_10 **Solution-Compatible Synthesis of a Nona-Cycle Buckybowl**
Yuki Ueda

P2A_11 **Supramolecular Materials to Disclose Palaeolithic Stone Tools as Bio-Archives**
Elena Badetti

P2A_12, PNA_77 **Water Permeation Observed in Stacked Nanographene with a Benzene Hole**
Yuhao Li

P2A_13 **Folding of β-hairpin peptides based on dynamic imine bonds**
Harunori Honda

P2A_14 **Solvato/Vapochromism-Based Alcohol Sensors using Metal-Organic Framework Thin Films with Coordinatively Unsaturated Metal Sites**
Yuto Toki

P2A_15, PNA_78 **A photostable rotaxane-type bacteriochlorin photosensitizer suitable for photodynamic therapy**
Taiki Ichikawa

P2A_16, PNB_63 **Fluorescein-Based Type I Supramolecular Photosensitizer via Induction of Charge Separation through Self-Assembly**
Hajime Shigemitsu

P2A_17 **Water-Soluble Cationic Perylene Diimide Derivatives: Photo-Induced Cyclization, Stable Radical Anion Formation and Fluorescence Bioimaging**
Lalmohan Das

P2A_19 **The supramolecular complex between methylated cyclodextrins and water-soluble iron porphyrin applied as an antidote against hydrogen sulfide poisoning in vivo**
Atsuki Nakagami

P2A_20, PNA_81 **Temporal Evolution of Helicity in Supramolecular Polymers of Chlorophyll Rosettes**
Ryo Kudo

P2A_21 **Single-gold etching of chiral N-heterocyclic carbenes (NHC)-protected carbon-centered hexagold(I) clusters via a tandem route**
Xiao-Li Pei

P2A_22 **Synthesis of Helical Poly(diphenylacetylene)s Using Bio-Based Chiral Oils and Its Application to Enantioseparation Materials**
Zeyang Lin

P2A_23, PNA_82 **Allosteric Regulation Induced Cation Recognition by A Cationic Capsule**
Shuai Fang

P2A_24, PNA_83 **Emergence of Autonomous Oscillatory Motion Fueled by Supramolecular Functional Molecules**
Lara Rae Holstein

P2A_25 **Macromolecular Helicity Induction and Memory of a Poly(phenylacetylene) Bearing Bronsted Acid Pendants in Hydrophobic Solvents**
Yuki Nishikawa

P2A_26 **Length control of supramolecular glycopolymer via seeded supramolecular polymerization**
Norihiko Sasaki

P2A_27, PNA_84 **Curved Supramolecular Polymers of Quinazolinedione Rosettes**
Yuhei Yamada

P2A_28 **Flexible Porous Supra-Supramolecular Polymers Assembled from Metal-Organic Octahedra**
Ayana Miyata

P2A_29 **Redox-active porous aerogels assembled from ruthenium-based metal-organic polyhedra and their tunable electrocatalytic activity**
Fuerkaiti Tayier

P2A_30, PNB_1 **Reversible Switching Between a Self-Assembled 2-Catenane and the Constituent Coordination Rings**
Raveena Soni

P2A_31 **Self-organization Pathway to Micro-scaled Fibrous Assemblies Constructed by Synthetic Methyl 4,6-*O*-Pyrenylidene Glucose**
Keigo Tashiro

P2A_33 **Electrically Tunable Organic Droplet Laser**
Masato Kato

P2A_34 **Programmable assembly of double and triple helix in water**
Dimitri Delcourt

P2A_35 **Autofluorescent polygonal nanotubes from pseudopeptides: Insights into Phe-Zipper and triple helix assembly**
Souvik Dutta

P2A_36 **Organic and metal-organic cages as fillers in gas separation membranes**
Sonia La Cognata

P2A_37 **π-Basic Au_3(pyrazolate)$_3$ complexes as building blocks for the construction of molecular cages**
Noga Eren

P2A_38, PNB_2 **2,5-Dipyridylpyrrole in Supramolecular Chemistry-Click, Rotaxanation, and Skeletal Editing**
Jedrzej P. Perdek

P2A_39 **Figure-eight macrocyclic imines: chiral natural product scaffold-based facile synthesis and chiroptical modulation**
Shunsuke Murakami

P2A_40 **Force-induced Control of Circularly Polarized Luminescence with Rotaxane Architecture**
Keigo Nonaka

P2A_41 **Rotaxanes based on lignin-derived 2-pyrone-4,6-dicarboxylic acid**
Tsuyoshi Michinobu

P2A_42 **Synergistic Covalent and Supramolecular Self-Assembly for Robust Dynamers**
Zezhou Zong

P2A_43 **Kinetic Control of Self-Assembly Pathway in Dual Dynamic Covalent Polymeric Systems**
Ling Liu

P2A_44, PNB_3 **Reversible adsorption of ammonia in the crystalline solid of a COOH-functionalized oligophenylene ring**
Shion Masano

P2A_45, PNB_4 **Controlling Coordination Numbers of Lutetium to Regulate Overall Framework of Salen Macrocyclic Complexes**
Yi-Fu Liu

P2A_47 **Covalent template synthesis of an NH_2-functionalized oligophenylene cage and dynamic behavior of a template in the cage**
Hatsune Izawa

P2A_48, PNB_5 **Ionic Guests Drive Charge-Transfer Assembly to Overcome Shape-mismatches between Pillar[5]arene and Cyanostar Macocycles as Emissive Donor-Acceptor Pairs**
Kiichi Yasuzawa

P2A_49 **Photoregulated Supramolecular Polymerization through Halogen Bonding**
Harold Alejandro Martinez Manjarres

P2A_50 **Controlling Asymmetry Amplification through Supramolecular Polymorphism**
Camila Montañez Moyano

P2A_51 **Rigid Expanded Porphyrinoids and Their Chiroptical Properties**
Chuanhu Lei

P2A_52 **Reminiscent of The First Metal-Organic Cage: The Construction and Properties of Magnesium Cages**
Nianfeng Ouyang

P2A_53, PNB_6 **Size-Selective Synthesis of Bowl-Shaped Macrocyclic Imines with π-Curved Surfaces**
Kosuke Ikegami

P2A_54, PNB_7 **Drug Delivery with Cell-Stable Platinum(II) Metal-Peptidic Cages**
Ben E. Barber

P2A_55 **Stimuli-Responsive Metallofoldamer Architecture**
Kushal Samanta

P2A_57, PNB_8 **1,2,3-Triarylazulenes as precursors of azulene-embedded polycyclic aromatic hydrocarbons**
Justyna Biesaga

P2A_58 **Synthesis and Solvent-Reversible Chiroptical Properties of PDI Oligomers**
Yuma Tanioka

P2A_59, PNB_9 **Topologically Self-Locked Chiral Pillar[5]arenes: Unit and Macrocyclic Planar Chirality Interplay for Their Diastereoselective Synthesis and Chiroptical Property**
Dehui Tuo

P2A_60 **Promotion of Oxidative Protein Folding by Redox-active Molecules Exhibiting Promiscuous Binding**
Koki Suzuki

P2A_61 **Thermally Responsive Layered Coordination Polymer: Crystal-to-Crystal Phase Transition and Morphological Changes Induced by Alkyl Chain Ordering/Disordering**
Kenichiro Omoto

P2A_62, PNB_10 **Solid-State Encapsulation of Medium-Sized Molecules in M_6L_4 and M_9L_6 Coordination Cages**
Kenta Iizuka

P2A_63 **Effect of bulky substituents on the axle on the stimuli-responsive properties of rotaxane mechanophores**
Riku Yamamoto

P2A_64 **Dual energy donor systems to induce lanthanide emission in Ln-MOFs with nicotinic acids**
Shun Fujii

P2A_65 **Discrimination between Purine and Pyrimidine-Rich RNA in Liquid-Liquid Phase-Separated Condensates with Cationic Peptides and the Effect of Artificial Crowding Agents**
Anika Leah Moller

P2A_67, PNB_11 **Protein folding promotion in highly condensed conditions by redox-active micelles**
Mai Kitamura

P2A_68 **Synthesis of tetranuclear Ag or Au alkynyl complexes with terphenyl frameworks**
Hiroki Saeki

P2A_69, PNB_12 **Near-unity angular anisotropy of circularly polarized luminescence from microspheres of monodispersed chiral conjugated polymer**
Sota Nakayama

P2A_70, PNB_13 **A Geometrically Flexible Three-Dimensional Nanocarbon**
Chun Tang

P2A_71 **Hierarchical Structure Control of 2D Oligothiophene Sheets based on Bow-shaped Macrocycle**
Kazuhiko Nagura

P2A_72, PNB_14 **Hybridization of Room-Temperature Phosphorescent Polystyrene Sulfonic Acid for Control of Emission Wavelength**
Kanta Kimura

P2A_73, PNB_15 **Unsymmetric Conversion of Pyridylbenzoxazole Macrocyclic Trimer and Its Metal Complexation**
Yuya Hokimoto

P2A_74 **Exploiting Macrocyclic Tailored Gold Nanoparticles for Augmenting Antibacterial Efficacy of Levofloxacin**
Monika Gaur

P2A_75 **Supramolecular polymers of Urea-Functionalized Indigo Dyes**
Yuka Sue

P2A_77, PNB_16 **Balancing volumetric and gravimetric capacity for hydrogen in supramolecular crystals**
Ruihua Zhang

P2A_78 **Thermodynamic and kinetic insights into the hydrogen-bond-based supramolecular polymerization in low-polarity biological media**
Miku Naruse

P2A_79 **Chiral Induction of Supramolecular Foldamers**
C. Elizabeth Killalea

P2A_80, PNB_17 **MacTACs: Employing Macrocycles for Targeted Protein Degradation**
Michael J. O'Sullivan

P2A_82, PNB_18 **One Ligand, Four Cages: Diverse Outcomes in Pd_3L_4 Metal-Peptidic Cage Self-Assembly via Subtle Oligoproline Modifications**
Leah E. M. White

P2A_84, PNB_20 **Sonication-Induced Transformation of Self-assembled Helicoids into Toroids**
Itsuki Tajima

P2A_85, PNB_21 **Exclusive Macrocyclization through Multiple Si-O Bond Formations**
Sota Amano

P2A_86 **Metal-Organic Frameworks as a Tunable Platform for Emission Modulation**
Kyle T Smith

P2A_87 **Impact of boron desymmetrization on supramolecular polymerization of BODIPY dyes**
Tobias Benedikt Tischer

P2A_88 **Synthesis and Optical Properties of Conjugated Macrocycle Containing *o*-Carborane Units**
Kazuhiro Yuhara

P2A_89 **Assembly of fluorocycloparaphenylenes and aromatic nanobelts**
Daiki Imoto

P2A_90 **12-fold Dearomative Esterification of Carbon Nanobelt**
Tsubasa Okumura

P2A_91 **Solid-liquid Extraction of Lithium Chloride with Simple and Flexible Heteroditopic Receptors**
Shin-ichi Kondo

P2A_92, PNB_22 **Magnetically controllable self-assembly of graphene oxide nanosheets for designable structural colors**
Daisuke Ogawa

P2A_93 **A Simple Supramolecular Approach to Recycling Rare Earth Elements**
Joseph O'Connell-Danes

P2A_94 **A self-assembled $Ag_{16}L_6$ pseudocube with disilver vertices dynamically adapts to bind guests in solution**
Dante Elio D'Orazio

P2A_95, PNB_24 **Modulation of electronic properties of Ru-based metal-organic frameworks using chemical oxidation**
Wang Zhang

P2A_96 **From Dendrimers to Macrocycles: Exploring Covalent Templates in the Synthesis of Large Aromatics**
Marcin Aleksander Majewski

P2A_97, PNB_25 **Multifunctional Dynamic Poly(disulfide)s for Sustainability**
Yuanxin Deng

P2A_98 **Harnessing flexibility and order to access new areas of chemical space**
Georgia R. F. Orton

P2A_99 **The formation of bioinspired switchable systems employing supramolecular approaches**
Tingting Cheng

P2A_100 **Structural and Fluorescent Switching in Solid-State Self-Assembly of Tetrachloro Substituted Anthracene-based Molecular Tweezers**
Yu Watanabe

P2A_101 **Rational design of metal-organic cages to increase the number of components via dihedral angle control**
Runyu Chai

P2A_103, PNB_26 **Exploring Spin Selectivity in Hydrogen-Bonded Supramolecular Polymers under Chiroptical Switches**
Kyeong-Im Hong

P2A_104, PNB_27 **Anion/Solvent-Responsive Tautomeric Metal-Organic Cage Pairs for Artificial Water Channels and Biomedical/Environmental Applications**
Zhe Li

P2A_105 **Mobius ring with photoswitchable configuration**
Axel Riquet

P2A_106 **A perylene diimide-based [2]rotaxane shuttle**
Atul Kumar Sharma

P2A_107, PNB_28 **Encapsulation of Phosphorescent Cu-S Clusters within Aromatic Micelles**
Kazuki Toyama

P2A_108 **Incorporation and Confinement of Organic Guests within $\{Mo_{132}\}$ Oxide Clusters**
Akari Nakashuku

P2A_109, PNB_29 **Regulation of Membrane-Raft Dynamics via a Transition Metal-Catalyzed Reaction**
Rei Hamaguchi

P2A_110 **Stimuli-Responsive Behavior of Cyclophane-Type Dications Based on Cation-Stacking Approach**
Moto Kikuchi

P2A_111, PNB_57 **FLAP molecular systems with diverse functions**
Kensuke Suga

P2A_112, PNB_30 **Preparation and Mechanical Characterization of Metal Ion-DNA Hydrogels for Sustainable Applications**
Ibuki Yasui

P2A_113 **Synthesis and Chiroptical Properties of Cyclic Anthraquinodimethane Dimer**
Soichiro Sugiyama

P2A_114 **Control of Solid-State Photochromism of Spiropyran Using Cyclodextrin Inclusion Crystal**
Yuri Nakamoto

P2A_115 **Single-step synthesis of a heterometallic $[Cu_2PdL_4]^{2+}$ hybrid coordination cage**
Shannon J. Thoonen

P2A_116 **Synthesis of heterotelechelic PEGs and their application to rotaxane cross-linked polymers**
Yuki Sueyoshi

P2A_117 **Precipitation formation behavior of carboxylate-phenylurea complexes encapsulated in cyclodextrins in water and its application to visual detection.**
Seiya Takano

P2A_118 **Enzyme-Like Substrate Size-Recognition and Catalysis Promoted by Aggregation of Pd_2L_2 Metallocycles in the Solid-State**
Shi Li

P2A_119 **An Attempt to Construct a Coordination-Induced Porphyrin Dimer with a Cavity Expanded by Spacer Units**
Yuuto Nakaie

P2A_120 **Remote Optical Chirality Transfer within Helical Polyaromatic Capsules**
Hayate Sasafuchi

P2A_122 **An Elastic Organic Crystal with Multilevel Stimuli-Responsive Room Temperature Phosphorescence**
Jin Ming Song

P2A_123 **Chiroptically Active Host-Guest Composites Using a Terpene-based Capsule**
Yoshihisa Hashimoto

P2A_124 **Achieving Efficient Dark Blue Room-Temperature Phosphorescence with Ultra-Wide Range Tunable-Lifetime**
Lei Zhou

P2A_125 **Antigen-adjuvant complexes to improve antigen uptake into immune cells.**
Kento Ogata

P2A_127 **Gelation Properties and Characterization of Methoxylated Cyclic [3]spirobifluorenylene**
Tomoya Imai

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Miu Muto

P2B_169, PNB_80 **Self-assembly of high-order helices bearing stereogenic side chains**
Nadege You

P2B_172 **Environmentally Friendly Sustainable Thermoset Vitrimer-Containing Interlocked Molecules for Circular Economy**
Shota Ando

P2B_173, PNB_83 **Tetrazine crown macrocycles**
Edward Graham Smale

P2B_174 **Pathway-dependent Assembly for Information Recording**
Haoyuan Qu

P2B_175 **A Hidden yet Prevalent Kinetic Pathway in Host-Guest Assembly**
Tianyi Yang

NanoLSI Poster Session

PNA_1 **Carborane-NSAID Conjugates: Synthesis, COX Inhibition, and Anticancer Activity**
Sonam Sonam

PNA_2 **Twists and Turns in Polymorphic Dianthrylethene Cores**
Banchhanidhi Prusti

PNA_3 **Analysis of the formation mechanism of RNA-dependent capsid-like structure of human Arc with high-speed atomic force microscopy**
Naoki Shukuya

PNA_4 **Nano-scale dissection of biophysics and structures determining passages of proteins through the nuclear pore**
Masaharu Hazawa

PNA_5 **Structural and Energetic Insights into the Nanocrystalline Assembly of a Eumelanin Precursor**
Kavya Vinod

PNA_6 **Wnt3a Dynamics and Functional Differences Between Complexes**
Kosuke Mizuno

PNA_7 **Epithelial stratification: a crystallization analog driven by 3D foam geometry**
Takehiko Ichikawa

PNA_8 **Single Molecule Imaging of Histone Tails by High-Speed Atomic Force Microscopy**
Ryota Imada

PNA_9 **Hepatocyte Growth Factor Initiates Signaling by Inducing Dimerization at the Membrane-Proximal Domain of MET Receptor**
Neval Yilmaz

PNA_10 **AFM-based investigation of CRMP2A oligomeric structures and their impact on glioblastoma cells**
Djamel Eddine Chafai

PNA_11 **Investigating the nucleus elasticity of the beating cardiomyocytes nucleus in laminopathy by nanoendoscopy-AFM**
Alexis Borowiak

PNA_12 **Machine learning applications towards automatized analysis and interpretation of HS-AFM imaging data**
Romain Amyot

PNA_13 **Optogenetic Control of Nonsense-Mediated mRNA Decay for Single-Molecule Imaging**
Md Dobirul Islam

PNA_14 **Development of Genomic DNA Manipulation Method Using Nanoendoscopy-AFM**
Takeshi Shimi

PNA_15 **High-speed atomic force microscopy and 3D modeling revealed the structural dynamics of ADAR1 complexes**
Madhu M. Biyani

PNA_16 **A Curious Case of Competing Interactions**
Tamoghana Das

PNA_75 **Observing Dynamic Conformational Changes within the Coiled-Coil Domain of Laminin-332 Using High-Speed Atomic Force Microscopy**
Clemens M. Franz