

Day 2, 9/27 (Tuesday) 12:50-14:50, Poster Presentation

Presentation Time

Presenters of Odd Numbers: 12:50-13:50, Even Numbers: 13:50-14:50

Room 2215

- 2PA-01** Synthesis and Structure of Novel Peroxopolyoxotungstate Having Carboxylate Ligands
(Grad. Sch. of Systems Eng., Wakayama Univ.) ○Yuichi OKUDA, Masato HASHIMOTO
- 2PA-02** Synthesis, Structure and Aqueous Behavior of Peroxotungstate Having Diphosphates as Heteroatom Groups
(Grad. Sch. of Systems Eng., Wakayama Univ.) ○Yuto Ueda, Masato HASHIMOTO
- 2PA-03** Syntheses and Chirality-Dependent Spectroscopic Properties of Dinuclear Cu(I) Complexes with BINAP
(Dept. of Chem. and Appl. Chem., Grad. Sch. of Sci. and Eng., Saga-Univ., Dept. of Chem. and Appl. Chem., Fac. of Sci. and Eng., Saga Univ.) ○Saki SONDA, Ko YONEDA, Masayuki KOIKAWA, Yasunori YAMADA
- 2PA-04** Metal scrambling reaction between S-bridged $Rh^{III}_2Au^I_3$ and $Rh^{III}_2Ag^I_3$ complexes with 3-aminopropanethiolate
(Grad. Sch. of Sci., Osaka Univ., Nat. Taiwan Normal Univ.) ○Masashi NAKANISHI, Nobuto YOSHINARI, Naoto KUWAMURA, Tatsuhiko KOJIMA, Takumi KONNO
- 2PA-05** Syntheses, Structures and Spectroscopic Properties of Phthalazine-Bridged Mixed-Ligand Copper(I) Complexes
(Dept. of Chem. and Appl. Chem., Grad. Sch. of Sci. and Eng., Saga Univ., Dept. of Chem. and Appl. Chem., Fac. of Sci. and Eng., Saga Univ.) ○Sayuri SUMIYA, Ko YONEDA, Masayuki KOIKAWA, Yasunori YAMADA
- 2PA-06** Control of chirality on metal centers in cyclic arrangements depended on the kinds of chiral amino acids in peptide ligands
(Ochanomizu Univ., Tohoku Univ.) ○Shoko TANAKA, Keyun WANG, Naoki KISHIMOTO, Ryosuke MIYAKE
- 2PA-07** Studies on quantitative synthesis of lanthanoid(III) complexes with substituted-hydrazones and their reversible color change in solution by acidity
(Grad. Sch. of Natural Sci. and Tech., Okayama Univ., Adv. Sci. Res. Center, Okayama Univ., RIIS, Okayama Univ.) ○Yuki SASAKURA, Kazuma TAKAHARA, Asahi KAMEI, Yukinari SUNATSUKI, Takayoshi SUZUKI
- 2PA-08** N-Methylation Triggered-Helicity Inversion in Chiral Co(II) Complex
(Osaka City Univ., Osaka Metro. Univ., Osaka Univ.) ○Kenichi HATTORI, Kana YOSHIDA, Eiko MIEDA, Satoshi SHINODA, Hideki SUGIMOTO, Hiroshi TSUKUBE, Hiroyuki MIYAKE
- 2PA-09** Homoleptic Iridium(III) Complex Bearing Tridentate 1,2,3-Triazolylidene
(Fukuoka Univ. Fac. of Sci.) ○Yuji KOGA, Kouki MATSUBARA
- 2PA-10** Substituent effects of phenylenediamido tin(II) complexes on generation and electronic structures of their nitrenoid complexes formed by the reaction with organic azides
(Grad. Sch. of Eng. Osaka Univ.) ○Akira YONEDA, Mayuka YANO, Hideki SUGIMOTO, Shinobu ITOH

- 2PA-11** Variation of the crystal structure of $[\text{PtI}_2(\text{diars})_2]$ complex recrystallized under different condition.
(Univ. of Teacher Edu. Fukuoka, Bruker Jpn) ○Isoroku NAGASAWA, Kengo MIYAZAKI, Kenji YOZA
- 2PA-12** Construction of double-decker complex-type molecular gear with multiply intermeshed triptycenes
(Div. of Mat. Sci., NAIST, CEMES-CNRS, Univ. of Toulouse) ○Masafumi Fukumura, Toshio Nishino, Gwénaél Rapenne
- 2PA-13** Stereoselectivities and Spectroscopic Properties of Seven-coordinated Pentagonal-Bipyramidal Rare-Earth(III) Complexes Derived from Optically Active Branched Hexadentate Ligands
(Dept. of Chem. and Appl. Chem., Grad. Sch. of Sci. and Eng., Saga-Univ., Dept. of Chem. and Appl. Chem., Fac. of Sci. and Eng., Saga Univ.) ○Yuki OGAWA, Ko YONEDA, Masayuki KOIKAWA, Yasunori YAMADA
- 2PA-14** Synthesis and Structure of Infinite Rare Earth Containing Peroxotungstate Linked by Formate
(Grad. Sch. of Systems Eng., Wakayama Univ.) ○Kouki YASUGAMI, Masato HASHIMOTO
- 2PA-15** Selective Coordination of $[\text{CpRu}]^+$ Fragment to Calix[4]arene Iridium Complex
(Chuo Univ.) ○Hibiki Hasegawa, Takahiro IWAMOTO, Youichi ISHII
- 2PA-16** Crystallization behavior and crystal structure of heterometallic trinuclear complex Ni-Tb-Ni bearing tripodal nonadentate ligands
(Grad. Sch. of Natural Sci. and Tech., Okayama Univ., RIIS, Okayama Univ., Adv. Sci. Res. Center, Okayama Univ.) ○Hiromu SAKATA, Kazuma TAKAHARA, Yukinari SUNATSUKI, Takayoshi SUZUKI

Room 2216

- 2PA-17** Chromic Properties in Naphthalene Diimide-Based Tetrachlorocuprate(II) Hybrids
(Grad. Sch. Eng., Kanagawa Univ., Dept. of Sci. and Eng., Josai Univ..) ○Shunya MASUDA, Sotaro KUSUMOTO, Manabu NAKAYA, Yoshihiro KOIDE
- 2PA-18** Synthesis and structure of silver ate complex bearing two antimony ligands
(Fac. of Sci., Gakushuin Univ.) ○Yuta Murakami, Tatsuya Morofuji, Naokazu Kano
- 2PA-19** Synthesis and Properties of Hexanuclear Cu(II) Complex with a new Tetradentate Ligand Having Multiple Coordination Sites
(Saga Univ., Saga Univ.) ○Shingo KAMURA, Ko YONEDA, Yasunori YAMADA, Masayuki KOIKAWA
- 2PA-20** Synthesis and Characteristic of Cage-Type Nanoporous Metal Complexes with Electron-Donor Group on Their Surface
(Nagoya Univ.) ○Ryohei OKAYASU, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotaro MATSUDA
- 2PA-21** Sythesis and Characterization of One-Dimensinal Coordination Polymers Incorporating Chirality
(Kwansei Gakuin Univ.) ○ Shion Tsujimura, Ryohei Akiyoshi, Kazuyoshi Ogasawara, Daisuke Tanaka
- 2PA-22** Synthesis and Properties of Diphosphine-Protected Au_6 Clusters Capped with Dinuclear Copper Complexes
(Grad. Sch. of Environ. Sci., Hokkaido Univ., Fac. of Environ. Earth Sci., Hokkaido Univ.) ○ Hiroto MORITA, Kazuki YAMADA, Chinatsu MURATA, Yuki SAITO, Yukatsu SHICHIBU, Katsuaki KONISHI

- 2PA-23** Synthesis of Iron and Nickel Thiolate Complexes by Using Benzothiophene Derivatives
(Kanagawa Univ.) ○ Ryota FUTAKI, Momoka YASUDA, Keita AKUTSU, Noriko CHIKARAISHI, Masakazu HIROTSU
- 2PA-24** Cold crystallization in mixed systems of Schiff base Ni(II) complexes
(Tokyo Univ. of Sci.) ○ Toru ISHIKAWA, Akinori HONDA, Kazuo MIYAMURA
- 2PA-25** Synthesis and Structure of a W11-Peroxopeteropolyoxometalate with Rare Earth Ions and Diphosphate Groups
(Grad. Sch. of Systems Eng., Wakayama Univ.) ○ Yu YAMAZAKI, Masato HASHIMOTO
- 2PA-26** Structure and properties of chlorido bridged dinuclear ruthenium(III) complex $\text{Ph}_4\text{P}[\{\text{Ru}(\text{acac})\text{Cl}\}_2(\mu\text{-Cl})_3]$ (acac⁻= acetylacetonate ion).
(Shimane Univ., Okayama Univ. Sci., Kwansai Gakuin Univ.) ○ Kai Nakashima, Shino Nakashima, Haruo Akashi, Masahiro Mikuriya, Makoto Handa
- 2PA-27** Structural Conversion of a Trinuclear Palladium(II) Complexes with D- or L- Penicillamine Induced by HCl or HBr.
(Grad. Sch. of Sci., Osaka Univ., Nat. Taiwan Normal Univ.) ○ Arata OGINO, Nobuto YOSHINARI, Takumi KONNO
- 2PA-28** Synthesis of a C₃ Type Tris-pyrazole Ligand as a Bridging Unit in the Stepwise Photosubstitution Reactions
(Osaka. Inst. Tech.) ○ Takuma HONDA, Keiichi FUJIMORI, Takayo MORIUCHI, Masanari HIRAHARA
- 2PA-29** Structure and vapochromic luminescence of helicate Tb complexes with hexadentate ligands
(College of Sci. and Eng., Aoyama Gakuin Univ.) ○ Akinari ABE, Kanade MACHIDA, Hitomi OHMAGARI, Miki HASEGAWA
- 2PA-30** Mechanochemical Reactions of Cu(I)-xantphos Complex with Imine Ligands
(Grad. Sch. of Chem. Sci. and Eng., Hokkaido Univ., Grad. Sch. of Sci., Hokkaido Univ.) ○ Hiromu ABE, Masaki YOSHIDA, Atsushi KOBAYASHI
- 2PA-31** Photoswitchable SHG properties of Ln-[Fe(CN)₅NO] crystals
(Dept. of Chem., The Univ. of Tokyo) ○ Taiki Sakaguchi, Kenta Imoto, Koji Nakabayashi, Shin-ichi Ohkoshi
- 2PA-32** Synthesis and Properties of Luminescent Platinum(II) Complex-Antraquinone Sulfonic Acid Assembly with Inherent Electron-Proton Transfer Degrees of Freedom
(Hokkaido Univ, Hokkaido Univ) ○ Yuto KUBOTA, Masaki YOSHIDA, Atsushi KOBAYASHI

Room 2201

- 2PA-33** Enhancement of lanthanide luminescence by the interfacial complexation based on the surface potential of graphene oxide
(College of Sci. and Eng., Aoyama Gakuin Univ.) ○ Hideharu TAKAHASHI, Hitomi OHMAGARI, Miki HASEGAWA
- 2PA-34** Luminescent Properties Controlled by *cis-trans* Structural Isomerization of Dinuclear Platinum(II) Complex
(Tokyo Univ. of Sci.) ○ Hisane NOSHITA, Fumiya KOBAYASHI, Makoto TADOKORO
- 2PA-35** Synthesis and UV-Vis Spectroscopy of Silver(II) Cyclam-Type Complexes with Cyclam-Type Macrocyclic Ligands
(Tokyo Univ. of Sci.) ○ HARUHI IDE, KAZUO MIYAMURA, AKINORI HONDA

- 2PA-36** Structure and Luminescence Properties of Novel Guest-Responsive Cd(II)Re(V) Coordination Polymers
(Dept. of Chem., Grad. Sch. of Sci., Kyushu Univ., Inst. for Mat. Res., Tohoku Univ.) ○Akira KOMENO, Nonoka KASAHARA, Haruka YOSHINO, Ryo OHTANI, Masaaki OHBA
- 2PA-37** Synthesis and Luminescence Properties of a Samarium Complex with a 1,4,7,10-tetraazacyclododecane Skeleton and Biphenyl Groups
(Grad. Sch. of Sci. and Eng., Kindai Univ.) ○Satono NAKAI, Hidetaka NAKAI
- 2PA-38** Synthesis and Photoisomerization of a Mononuclear Ru(II) complex with a Diethylamino Group
(Osaka Inst. Tech.) ○Keita OSUMI, Keiichi FUJIMORI, Takayo MORIUCHI, Masanari HIRAHARA
- 2PA-39** Synthesis and Properties of Nanoporous Zinc Complexes Bearing Azoheteroarene
(Nagoya Univ.) ○ Misaki NAKAGAWA, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotato MATSUDA
- 2PA-40** Synthesis and Luminescence Properties of a Dysprosium Complex with a 1,4,7,10-tetraazacyclododecane Skeleton and Biphenyl Groups
(Grad. Sch. of Sci. and Eng., Fac. of Sci. and Eng.) ○Shungo Katsuki, Kaai YAMAMOTO, Hidetaka NAKAI
- 2PA-41** Syntheses and characterization of doubly pyrazolate-bridged Cu(II)Ln(III) heteromultinuclear complexes
(Fukuoka Univ.) ○Riho GOTO, Saori KATSUNAGA, Miku KAWANO, Ryuta ISHIKAWA, Tomohiko HAMAGUCHI, Satoshi KAWATA
- 2PA-42** Synthesis and physical properties of Cyano-bridged [Co₂Fe₄] complexes
(Kumamoto Univ.) ○Yutaka Hirai, Sekine Yoshihiro, Shinya Hayami
- 2PA-43** SCO behavior and solvent effects in [Fe(qsa^{5OH})₂] · 2S(S=CH₂Cl₂, CHCl₃)
(Fac. of Sci. and Eng., Kindai Univ., Res. Ins. For Sci. and Tech., Kindai Univ.) ○Sora Kosaka, Sugimoto Kuniyoshi, Takashi Ohkubo, Masahiko Maekawa, Takayoshi Kuroda-Sowa
- 2PA-44** Synthesis and dielectric property of VT compound with Co-semiquinone group for ferroelectricity.
(Kumamoto Univ.) ○Rikuto NAKAMURA, Yoshihiro SEKINE, Shinya HAYAMI
- 2PA-45** Synthesis, crystal structure, and magnetic property of tetraoxalene-bridged vanadium dinuclear complex
(Okayama Univ. of Sci.) ○Yuya MORINAGA, Minoru MITSUMI
- 2PA-46** Magneto-structural correlation of novel multinuclear copper-gadolinium complexes
(Dept. of Chem., Fac. of Pure and Appl. Sci., Univ. of Tsukuba) ○Yukiko OKAMOTO, Haruka MIYAMOTO, Takuya SHIGA, Nozomi MIHARA, Masayuki NIHEI
- 2PA-47** Development of novel Mn(II)Cr(V) magnets based on [CrN(CN)₄]²⁻ building unit
(Dept. of Chem., Grad. Sch. of Sci., Kyushu Univ., Inst. for Mat. Res., Tohoku Univ.) ○Yuki Imamura, Haruka Yoshino, Ryo Ohtani, Hitoshi Miyasaka, Masaaki Ohba
- 2PA-48** Absorption spectra of platinum dinuclear complexes containing 2,2'-bpy one-dimensionally aligned with other metal complexes by electrostatic interaction
(Grad. Sch. of Natural Sci. and Tech., Gifu Univ., Grad. Sch. of Eng., Gifu Univ., Fac. of Eng., Gifu Univ.) ○Shota KANAMORI, Atsushi TAKAMORI, Kazuhiro UEMURA

Room 2202

- 2PA-49** Development of Nitrous Oxide Reduction Cycle on a Dinuclear Ruthenium Complex
(Grad. Sch. of Eng., Nagasaki Univ.) ○ Miki Nonaka, Yasuhiro Arikawa, Shinnosuke Horiuchi, Eri Sakuda, Keisuke Umakoshi
- 2PA-50** Synthesis and Properties of Nanoporous Metal Complexes with Biacridine Moieties
(Nagoya Univ.) ○ Teppei TAKAHARA, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotato MATSUDA
- 2PA-51** Preparation of Co Phthalocyanine Modified TiO₂ Electrodes for CO₂ Reduction
(Dept. Chem. Kyushu Univ.) ○ Rikuto URA, Ken SAKAI, Hironobu OZAWA
- 2PA-52** Synthesis and photochemical hydrogen evolution of hydroxypyridine-bridged dirhodium complex
(Shimane Univ.) ○ Kozo SATO, Natsumi YANO, Yusuke KATAOKA
- 2PA-53** Stabilization of Ru(III)-aqua complexes based on intramolecular hydrogen bonds
(Grad. Sch. of Sci. and Eng., Fukushima Univ.) ○ Chihiro IWASAKI, Ken HISHINUMA, Tsugiko TAKASE, Dai OYAMA
- 2PA-54** Carbon-carbon bond formation in Schiff base nickel complexes
(Kanagawa Univ.) ○ Yuta TONOOKA, Katsunori YAMANISHI, Tatsuya KAWAMOTO
- 2PA-55** Syntheses and Properties of Mono- and Dinuclear Pyrazine Ruthenium Complexes
(Fac. of Sci. Technol., Sophia Univ.) ○ Kaito NAKAYAMA, Tomoyo MISAWA, Hirotaka NAGAO
- 2PA-56** Photochemical Hydrogen Evolution Catalyzed by New Co-NHC Complex
(Dept. Chem. Kyushu Univ.) ○ Kaori KAWAMURA, Kosei YAMAUCHI, Ken SAKAI
- 2PA-57** Synthesis and Properties of Nanoporous Metal Complexes Bearing Porphyrin and Anthracene Moieties
(Nagoya Univ.) ○ Yuya OKADA, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotaro MATSUDA
- 2PA-58** Syntheses and Properties of Diruthenium Complex Having a Doubly Hydroxido-Bridged and Hydrogencarbonato
(Fac. of Sci. Technol., Sophia Univ.) ○ Sota MAFUNE, Tomoyo MISAWA, Hirotaka NAGAO
- 2PA-59** Development of function-integrated catalytic system for CO₂ reduction via reductive electrochemical polymerization
(Grad. Sch. of Eng., Osaka Univ., JST PRESTO) ○ Senri KATSUHIRA, Takumi MATSUZAKI, Yutaka SAGA, Mio KONDO, Shigeyuki MASAOKA
- 2PA-60** Structures and Properties of Ru Complexes Connected Six Pyrazole Groups
(Tokyo Univ. of Sci.) ○ Tamano KAMIKADO, Fumiya KOBAYASHI, Makoto TADOKORO
- 2PA-61** Synthesis and H₂-Evolving Property of Mono- and Multinuclear Metal Complexes Having *N*-2-pyridylimidoyl-2-pyridylamidine
(Dept. Chem. Kyushu Univ.) ○ Toma KUNIKUBO, Kosei YAMAUCHI, Ken SAKAI
- 2PA-62** Photochemical CO₂ reduction catalyzed by ruthenium (5,5'-diamide-2,2'-bipyridine) complexes
(Kansai Univ.) ○ Katsuya SADAMI, Hitoshi ISHIDA
- 2PA-63** Synthesis of a porous coordination polymer bearing iron porphyrin moieties
(Osaka Univ., JST PRESTO) ○ LI XIANJUN, Maho IMAI, Kento KOSUGI, Mio KONDO, Shigeyuki MASAOKA

- 2PA-64** Formation of an organo-hydride using weak bases in a Ru complex: Intramolecular hydride migration from para- to ortho-position
(Grad. Sch. Sci. and Eng., Fukushima Univ.) ○Yuto Someno, Tsugiko Takase, Dai Oyama

Room 2203

- 2PA-65** Synthesis and olefin oxidation catalysis of bis(diphenylphosphino)methane bridged Rh₂ complexes
(Shimane Univ.) ○Narumi IJIMA, Natsumi YANO, Takayuki OOI, Yusuke KATAOKA
- 2PA-66** Comparison of Substituents on a bpy Ligand of Ruthenium CNC Pincer Complexes in Photocatalytic CO₂ Reduction
(Grad. Sch. of Eng., Nagasaki Univ.) ○Miyu KUBOTA, Riku KOUNO, Yasuhiro ARIKAWA, Shinnosuke HORIUCHI, Eri SAKUDA, Keisuke UMAKOSHI
- 2PA-67** Crystal structure of cadmium-cyanide type complex with 2-hexanone guest molecule.
(Toho Univ. Fac. of Sci.) ○Sota Nakano, Kosuke Kitase, Takeshi Kawasaki, Takafumi Kitazawa
- 2PA-68** Synthesis and characterization of sulfur-coordinated Pb(II) coordination polymers
(Kwansei Gakuin Univ., Osaka Univ.) ○Hiroki Shibahara, Ryohei Akiyoshi, Akinori Saeki, Kazuyoshi Ogasawara, Daisuke Tanaka
- 2PA-69** Thermal behavior of Salt-type Ni(II) complexes as a function of alkoxy chain length
(Tokyo Univ. of Sci. Fac. of Sci.) ○Keisuke Koshikawa, Akinori Honda, Kouta Yamamoto, Momoha Nishimura, Kazuo Miyamura
- 2PA-70** Perchlorate detection property by molecular capsules constructed by bridging ligands with dimethyl groups
(Fac. of Sci., Shizuoka Univ.) ○Sakura MARUBASHI, Ryoya OJIMA, Saki FUKUNAGA, Mitsuru KONDO
- 2PA-71** Synthesis of Hydrogen-Bonded Supramolecular Structures with 4,4'-Biimidazole
(Tokyo Univ. of Sci.) ○Yuka MATSUYAMA, Fumiya KOBAYASHI, Makoto TADOKORO
- 2PA-72** Complex formation behavior of porphyrins containing terpyridine moieties
(College of Sci. and Tech., Nihon Univ., Grad. Sch. of Sci. and Tech., Nihon Univ.) ○Shigeki MIYAZAKI, Ryusei YOKOMORI, Kosuke SUGAWA, Joe OTSUKI
- 2PA-73** Transmetalation Reaction in a Manganese Dithiolene Coordination Nanosheet
(Tokyo Univ. of Sci., Res. Inst. for Sci. and Tech.) ○Kenji Takada, Takahiro Yamane, Choon Meng Tan, Naoya Fukui, Hiroaki maeda, Hiroshi Nishihara
- 2PA-74** Anion-selective self-assemblies of novel Ag(I) coordination polymers bridged by 2,6-di(pyrimidin-4-yl)pyridine
(Fac. of Sci. and Eng., Kindai Univ., Res. Inst. for Sci. and Tech., Kindai Univ.) ○Yuta TANAKA, Masahiko MAEKAWA, Kunihisa SUGIMOTO, Takashi OKUBO, Takayoshi KURODA-SOWA
- 2PA-75** Constructions of metallocyclic dicopper(II) complexes and the guest inclusion property
(Fac. of Sci., Shizuoka Univ.) ○Juna ISHIGURO, Kyoka KUREBAYASHI, Mina HIRABAYASHI, Saki FUKUNAGA, Ryo NARUKAWA, Ryoya OJIMA, Mitsuru KONDO
- 2PA-76** Synthesis and Characterization of Semiconductive Coordination Polymers Containing Cd-S Network
(Kwansei Gakuin Univ., Osaka Univ.) ○Asuka Nishibe, Ryohei Akiyoshi, Akinori Saeki, Kazuyoshi Ogasawara, Daisuke Tanaka

- 2PA-77** Syntheses and structures of new Cu(II) complexes bearing dye anions in the frameworks (Fac. of Sci., Shizuoka Univ.) ○ Shiho OHASHI, Akira KUREBAYASHI, Ryoya OJIMA, Mitsuru KONDO
- 2PA-78** Synthesis of molecular capsule having anionic dye as counter anion to detect perchlorate ion (Fac. of Sci., Shizuoka Univ.) ○ Kanoko WATANABE, Mitsuru KONDO
- 2PA-79** Fabrication of organic polymer membrane decorated by metal-organic framework (Fac. of Environ. Earth Sci., Hokkaido Univ., Grad. Sch. of Environ. Sci., Hokkaido Univ.) ○ Xin Zheng, Shin-ichiro Noro
- 2PA-80** Development of new synthetic method of clusters by hydrolysis of multi-nuclear metallo dendrimers (Tokyo Tech, Lab. Chem. Life Sci., JST-PRESTO, JST-ERATO) ○ Kaori FUKUHARA, Takamasa TSUKAMOTO, Tatsuya MORI, Tetsuya KAMBE, Takane IMAOKA, Kimihisa YAMAMOTO

Room 2204

- 2PA-81** Perchlorate ion detection by metal complex with anionic dye as counter anion (Fac. of Sci., Shizuoka Univ.) ○ Yuki NIBOSHI, Akira KUREBAYASHI, Ryoya OJIMA, Mitsuru KONDO
- 2PA-82** Ligand Exchange-Induced Crystal Conversion of Silver(I)-Thiolate Coordination Polymer (Konan Univ.) ○ Myu FUKUOKA, Yohei TAKASHIMA, Kensuke AKAMATSU, Takaaki TSURUOKA
- 2PA-83** Uptake Activity of Hollow Polyoxometalate {Mo₁₃₂} in the Solid Phase (Grad. Sch. of Environ. Sci., Hokkaido Univ., Fac. of Environ. Earth Sci., Hokkaido Univ.) ○ Akari NAKASHUKU, Jaeseob SHIN, Chinatsu MURATA, Yukatsu SHICHIBU, Katsuaki KONISHI
- 2PA-84** Syntheses and structures of new Cu(II) complexes bearing dye anions in the frameworks (Fac. of Sci., Shizuoka Univ.) ○ Kosuke KONISHI, Yusuke IMAMURA, Yuna SUZUKI, Mitsuru KONDO
- 2PA-85** Synthesis and Property of JAST-type Nanoporous Metal Complexes Using a Ligand with Cyclophane Moiety (Nagoya Univ.) ○ Fu HATTORI, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotaro MATSUDA
- 2PA-86** Syntheses and structures of cage complex with tris-imidazole ligand (Fac. of Sci., Shizuoka Univ.) ○ Mii FUKAZAWA, Toya KOBAYASHI, Ryo NARUKAWA, Mitsuru KONDO
- 2PA-87** Synthesis and characterization of semiconductive coordination polymers [M(Htdt)₂]_n (M = Co, Zn and Cd) (Kwansei Gakuin Univ., Osaka Univ.) ○ Hiroki Kadowaki, Ryohei Akiyoshi, Akinori Saeki, Kazuyoshi Ogasawara, Daisuke Tanaka
- 2PA-88** Adsorption Properties of Dinuclear Cu(I) Complex with Semiquinone Biradical (Tokyo Univ. of Sci., Hokkaido Univ.) ○ Kazuho TAKATSUKA, Fumiya KOBAYASHI, Xin ZHENG, Shin-ichiro NORO, Makoto TADOKORO
- 2PB-01** The smallest fraction of coordination nanosheet visualized by scanning tunneling microscopy under ultrahigh vacuum (Res. Inst. for Sci. and Tech., Tokyo Univ. of Sci.) ○ Naoya Fukui, Yu Endo, Miyu Ito, Kenji Takada, Hiroaki Maeda, Sayoko Nagashima, Hiroshi Nishihara

- 2PB-02** Highly Efficient Luminescent Eu(III) Complexes with Arsine Oxide
(Grad. Sch. of Sci. and Tech., Kyoto Inst. of Tech., WPI-ICReDD and Fac. of Eng., Hokkaido Univ.) ○ Haruki Shimoji, Toshiki Fujii, Akifumi Sumida, Yuichi Kitagawa, Yasuchika Hasegawa, Hiroaki Imoto, Kensuke Naka
- 2PB-03** Theoretical study on vapochromism of Ni(II)-quinonoid complex
(Tokyo Metropolitan Univ.) ○Kaito Nomiya, Naofumi Nakayama, Hitoshi Goto, Masako Kato, Naoki Nakatani, Masahiko Hada
- 2PB-04** Spectroscopic properties and complexation of a tridentate compound affording two six-membered chelate rings
(Sch. of Environ. Sci. and Eng., Kochi Univ. of Tech.) ○Risa OTAKE, Akitaka ITO
- 2PB-05** Synthesis and Structure of Platinum-Rhodium Lantern Type Complexes
(Gifu Univ. Natural Sci. and Tech., Gifu Univ. Eng.) ○Yuhi UEZONO, Naoko KAWADA, Kazuhiro UEMURA, Masahiro EBIHARA
- 2PB-06** Structural Change and Redox Reactions of Nanoporous Metal Complexes Using Ligands with Electron-Rich π -Surface
(Nagoya Univ.) ○Shunya ASANO, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotato MATSUDA
- 2PB-07** Study on the Mechanism of CO₂ Reduction to Formate by Nickel NHC Catalysts
(Dept. Chem., Kyushu Univ.) ○Chen LIAO, Kosei YAMAUCHI, Ken SAKAI
- 2PB-08** Structure and Properties of Novel Cd(II)Pt(II) (M = Zn, Cd) Coordination Polymers Containing One-Dimensional Chains with Pt-Pt Bonds
(Grad. Sch. of Sci., Kyushu Univ., Inst. for Mat. Res., Tohoku Univ.) ○Jingo KITANO, Haruka YOSHINO, Kenta SASAKI, Ryo OHTANI, Hitoshi MIYASAKA, Masaaki OHBA

Room 2207

- 2PB-09** Theoretical Study on Electronic Structure and Magnetic Anisotropy of Dysprosium Metallocene Complexes using Density Functional Theory (DFT) Method
(Grad. Sch. of Eng. Sci., Osaka Univ., CSRN, Osaka Univ., QIQB, Osaka Univ., RCSEC, Osaka Univ., ICS, Osaka Univ.) ○Keigo CHO, Masahiro TSUDA, Kazuaki TOKUYAMA, Taigo KAMIMURA, Naoka AMAMIZU, Yuta HAYASHI, Keisuke SASAKI, Ryouhei KISHI, Yasutaka KITAGAWA
- 2PB-10** Crystal Structure and Physical Properties of Molecular Conductors (PEDT-TTF)₂MCl₄ (M = Ga, Fe)
(Nihon Univ.) ○Satoshi FUJITA, Hajime KAMEBUCHI, Biao ZHOU
- 2PB-11** Synthesis and spin-crossover behavior of spin-crossover complexes with solvent adsorption and desorption
(Fukuoka Univ.) ○ Rei FUKUTA, Kenichi SAKAMOTO, Takeshi NODA, Tomohiko HAMAGUCHI, Satoshi KAWATA, Ryuta ISHIKAWAISHI
- 2PB-12** Synthesis and magnetic properties of heterometallic one-dimensional complexes containing Ni via metal bonding
(Grad. Sch. of Natural Sci. and Tech., Gifu Univ., Grad. Sch. of Eng., Gifu Univ., Fac. of Eng., Gifu Univ.) ○Tomonori ADACHI, Atsushi TAKAMORI, Kazuhiro UEMURA
- 2PB-13** Control of Dynamic Spin Equilibrium via Intermolecular Nitroxide Contacts for [Co(5tpybNO)₂] Complexes
(Tokyo Univ. of Sci.) ○Kiwamu Inokuma, Takuya Kanetomo, Masaya Enomoto

- 2PB-14** Anomalous-dielectric and spin-transition behaviors for hydrogen-bonded cobalt(II)-organic framework
(Tokyo Univ. of Sci.) ○ Keisuke YAMATO, Zhen NI, Takuya KANETOMO, Masaya ENOMOTO
- 2PB-15** Influence of lattice solvents on the Light-Induced Excited Spin-State Trapping
(Dept. of Chem., Fac. of Pure and Appl. Sci., Univ. of Tsukuba) ○ Taisei SUZUKI, Takuya SHIGA, Nozomi MIHARA, Masayuki NIHEI
- 2PB-16** Syntheses and Properties of molecule crystals composed Fe Spin Crossover Complexes and TCNQ
(Fukuoka Univ.) ○ Kai YOSHIMURA, Ryuta ISHIKAWA, Satoshi KAWATA
- 2PC-01** Theoretical study of photoredox-catalyzed atom transfer radical addition (ATRA) reaction of perfluoroalkyl iodides and styrene using Cu(I) complex
(Nat. Inst. of Adv. Ind. Sci. and Tech.) ○ Megumi KAYANUMA
- 2PC-02** Rhodium(III)-Catalyzed Direct Alkenylation of *N*-Acylcarbazoles: Reaction Control by Ligand
(Grad. Sch. Sci., Osaka Metropolitan Univ., Grad. Sch. Agr. Sci., Kobe Univ.) ○ Rikuto TANAKA, Shiho OCHIAI, Asumi SAKAI, Yoshinosuke USUKI, Bubwoong KANG, Tetsuro SHINADA, Tetsuya SATOH
- 2PC-03** Development of electrochemical C(sp³)-H functionalization reactions
(Osaka Univ., JST PRESTO) ○ Yuma MORII, Yutaka SAGA, Mio KONDO, Shigeyuki MASAOKA
- 2PC-04** Theoretical Investigations of Nickel-Catalyzed Decarbonylative Cyanation of Acyl Chlorides
(Grad. Sch. of Sci. and Eng., Ibaraki Univ., Inst. for Mat. Chem. and Eng., Kyushu Univ., Res. Inst. for Interdisciplinary Sci., Okayama Univ.) ○ Reo Houzmi, Kyohei Kawashima, Yasushi Nishihara, Seiji Mori
- 2PC-05** Chiral alcohol exchange reaction and chirality change of imidazole-based Tb complexes with hemiaminal-ether structure
(Dept. of Chem., Grad. Sch. of Sci., Toho Univ., Funabashi, Chiba, Dept. of Chem., Fac. of Sci., Toho Univ., Funabashi, Chiba) ○ Shinnosuke YOKOYAMA, Hirotaka MASUKO, Chihiro KACHI-TERAJIMA
- 2PC-06** Synthesis and properties of a copper porphyrin complex bearing pyrene moieties
(Osaka Univ., JST PRESTO) ○ Marc Alec Dominic Ong YAU, Kento KOSUGI, Maho IMAI, Mio KONDO, Shigeyuki MASAOKA
- 2PC-07** Sonication-induced Ligand Exchange Reaction of Sub-nano Gold Clusters
(Grad. Sch. of Environ. Sci., Hokkaido Univ., Fac. of Environ. Earth Sci., Hokkaido Univ.) ○ Shogo NAKAJIMA, Ayano SUDA, Yuki SAITO, Yukatsu SHICHIBU, Katsuaki KONISHI
- 2PC-08** The reaction between oxazoline-based Co complex and chiral alcohols and its structure
(Dept. of Chem., Grad. Sch. of Sci., Toho Univ., Funabashi, Chiba, Dept. of Chem., Fac. of Sci., Toho Univ., Funabashi, Chiba) ○ Toshiki IJIMA, Chihiro KACHI-TERAJIMA

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- 2PC-09** Theoretical Investigations of Palladium-Catalyzed [3+2] Annulation via Benzylic and *meta* C-H Bond Activation
(Grad. Sch. of Sci. and Eng., Ibaraki Univ., Res. Initiative For Supra-Mat., Shinshu Univ., Grad. Sch. of Eng., Osaka Univ.) ○ Rie Yoshimoto, Attila Taborosi, Qiyuan He, Yusuke Ano, Naoto Chatani, Seiji Mori

- 2PC-10** Dimerization and Phosphination of Aromatic Alkenes with Phenoxyimine Cobalt(II) Complexes
(Fac. of Sci., Fukuoka Univ.) ○ Mizuki Horiguchi, Yuji Koga, Koki Matsubara
- 2PC-11** Electrochemical Hydrogen Evolution Reactions Catalyzed by Dinuclear Cobalt Doubly N-Confused Hexaphyrin and Cobalt Porphyrin Complexes
(Grad. Sch. of Sci., Rikkyo Univ., Res. Center for Artificial Photosynthesis (ReCAP), Osaka Metropolitan Univ.) ○ Risa TAKADA, Takashi NAKAZONO, Tohru WADA
- 2PC-12** Development of Aluminosilicate Thin Films with Vertical Mesochannels on ITO Electrode and Immobilization of Metal Complexes
(Dept. of Eng., Kanagawa Univ.) ○ Masaya OKAMURA, Ayano YAMADA, Narumi NAKANO, Shunpei HARADA, Shiro HIKICHI
- 2PD-01** Study on halogen exchange reaction mechanism between metallocene complexes and their salts using ¹H NMR
(Hiroshima Univ. Adv. Sci. and Eng., Hiroshima Univ. N-BARD) ○ Yuta Sano, Nanaka Okazaki, Satoru Nakashima
- 2PD-02** Exploring Suzuki-Miyaura Coupling Reactions with Arsa-Buchwald Ligands
(Kyoto Inst. of Tech.) ○ Kenta Ogawa, Akifumi Sumida, Hiroaki Imoto, Kensuke Naka
- 2PD-03** Cyclotrimerization of Alkynes Using a Bis(indolyl)-coordinated Titanium Diamido Complex as Catalyst.
(Grad. Sch. of Sci. and Tech., Hirosaki Univ.) ○ Yuki KAWAHARA, Masaaki OKAZAKI, Shun OHTA
- 2PD-04** Reactions of 5,10-digallacyclodecatetraene derivatives with [RhCl(cod)]₂
(Gunma Univ.) ○ Takako MURAOKA, Hyuga FURUKAWA, Masayoshi IKEDA, Taro NAKASHIMA
- 2PD-05** Photo-Driven Reduction of Nitrate to Ammonia using Methane as a Reductant Catalyzed by a Rhenium Complex
(Dept. of Chem. and BioChem., Grad. Sch. of Eng., Kyushu Univ., InterNat. Inst. for Carbon-Neutral Energy Res., Kyushu Univ.) ○ Genta NAKAMURA, Seiji OGO, Takahiro MATSUMOTO
- 2PD-06** Reactivity of Titanium Silanimine Complexes having Phosphines with Different Cone Angles toward Nitriles
(Grad. Sch. of Sci. and Tech., Hirosaki Univ.) ○ Tomoki NAKAMURA, Shoya EBINA, Shun OHTA, Masaaki OKAZAKI
- 2PD-07** Synthesis and Metal Recognition of Novel Schiff Base [2+2] Polyimine Macrocycle Based on 2,2'-bi-3-naphthol Derivative
(Grad. Sch. of Eng., Tokyo Denki Univ.) ○ Yuki YAMAGUCHI, Makoto MIYASAKA
- 2PD-08** Robustness of Dimeric Structures of Diaryloxytetraenes Controlled by London Dispersion Forces
(Chuo Univ., Ochanomizu Univ.) ○ Asuka SUGIHARA, Ryo YAMAZAKI, Takuya KUWABARA, Youichi ISHII
- 2PD-09** Synthesis of Multinuclear Gold Complexes and Clusters with Tris(8-diphenylphosphino-2-quinolyl)phosphine Ligand
(Grad. Sch. of Sci. and Eng., Ehime Univ.) ○ Misaki NAMIKOSHI, Hidetoshi OHTA, Minoru HAYASHI
- 2PD-10** Fabrication of Hofmann-type MOF thin film by casting method
(Tokyo Univ. Sci) ○ Qiyuan ZHANG, Tomoyuki HARAGUCHI, Takashiro AKITSU

- 2PD-11** Synthesis and Reactivity of Rhodium/Iridium Dinuclear Complexes with Oxysulfur Ligands
(Grad. Sch. of Sci. and Eng., Kindai Univ.) ○Shinji SUZUKI, Hidetaka NAKAI
- 2PD-12** Synthesis of Low Valent Iron Silyl Complexes
(Sch. of Eng., The Univ. of Tokyo, Inst. of Ind. Sci., The Univ. of Tokyo) ○Reon ISHII, Yusuke SUNADA

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- 2PD-13** Dinuclear Palladium Addition to Mono-olefins Possessing Directing Groups
(Tokyo Inst. of Tech., Nat. Def. Acad.) ○So SUGIMOTO, Kota SASAKI, Koji YAMAMOTO, Tsubasa OMODA, Tetsuro MURAHASHI
- 2PD-14** Synthesis of Unsymmetrical Urea Derivatives Derived from Carbon Dioxide under Ambient Pressure as a Carbon Source by Vanadium Catalyst
(Grad. Sch. of Sci., Osaka Metropolitan Univ., Grad. Sch. of Sci., Osaka City Univ.) ○Kotaro AOYAMA, Takanari MATSUTANI, Toshiyuki MORIUCHI
- 2PD-15** Synthesis and Property of Unsymmetric Rh(III) Complexes with a bidentate bis(*N*-Heterocyclic Carbene) Ligand
(Nagoya Inst. of Tech.) ○Masaki ZAITSU, Takeyoshi YAGYU
- 2PD-16** Synthesis of Group 10 and 11 Transition Metal Complexes Using NPN Ligands Having a Secondary Phosphine Oxide Moiety and Their Application to Catalytic Oxidation
(Fac. of Sci., Nara Women's Univ.) ○Mizuho TANIOKA, Yasutaka KATAOKA, Yasuyuki URA
- 2PD-17** Electrochemical CO₂ Reduction by Rhenium Porphyrin Complexes
(IIS, The Univ. of Tokyo) ○Jingru LIU, Kei MURATA, Kazuyuki ISHII
- 2PD-18** Development new synthetic system of MOF from amorphous state
(Konan Univ.) ○Takumi Kakuchi, Yohei Takashima, Takaaki Tsuruoka, Kensuke Akamatsu
- 2PE-01** Synthesis of Urea Derivatives from Carbon Tetrahalide Using Visible Light Responsive Hybrid Catalysts
(Grad. Sch. of Eng., Kyushu Univ.) ○ Miho TANAKA, Keita SHICHIJO, Hisashi SHIMAKOSHI
- 2PE-02** Syntheses and Structures of Chalcogen-Bridged Dicopper(II) Complexes with Macrocyclic Ligands
(Osaka Univ.) ○ Kenta OCHIAI, Nozomu OKURA, Tsubasa HATANAKA, Yasuhiro FUNAHASHI
- 2PE-03** Synthesis and Characterization of Anticancer Pd and Pt Complexes Containing an Amino Sugar Moiety
(Osaka Univ., DLSU, Osaka Metropol. Univ., Kansai Univ., TITech, Nara Women's Univ.) ○ Kazumichi NAKASHIMA, Ayumi YOSHIDA, Lorenzo De Vera ALBA, Tsubasa HATNAKA, Akihiro NOMOTO, Misaki NAKAI, Shunichiro OGURA, Shigenobu YANO, Yasuhiro FUNAHASHI
- 2PE-04** Synthesis and Photodynamic Activity of (Zinc-Hemoglobin)-Albumin Cluster
(Grad. Sch. of Sci. and Eng., Chuo Univ.) ○Maho Katsumi, Taiga Yamada, Teruyuki Komatsu
- 2PE-05** Development of Methane Oxidation Catalysts: Stabilization of Dicopper(III) Complex with Amide-containing dinucleating Ligands and Alkane Oxidation
(Grad. Sch. of Sci. and Eng., Doshisha Univ.) ○Natsumi ICHIKAWA, Yutaka HITOMI, Masahito KODERA

- 2PE-06** Development of Cu^{II}-responsive split DNAzyme using consecutive 1,*N*⁶-ethenoadenine nucleobases as metal binding sites
(Grad. Sch. of Sci., The Univ. of Tokyo) ○ Silpa CHANDRAN RAJASREE, Yusuke TAKEZAWA, Mitsuhiko SHIONOYA
- 2PE-07** Tricopper Complexes Supported by a Cage-type Ligand as a Biomimetic Model for Thiocyanate Dehydrogenase
(Osaka Univ.) ○ Luyuan XU, Kojiro NAGATA, Tsubasa HATANAKA, Yasuhiro FUNAHASHI
- 2PE-08** Ring-opening Metathesis Polymerization of Norbornene Analogs Displayed onto an Amyloid Fibril
(Grad. Sch. of Eng., Osaka Univ.) ○ Takanori UENO, Koji OOHORA, Takashi HAYASHI
- 2PE-09** Formation of Iron(II) complexes with peptide ligands containing an unnatural amino acid having a bipyridyl backbone
(Kansai Univ.) ○ Kaito KAWAKITA, Hitoshi ISHIDA
- 2PE-10** Gd^{III}-dependent Thermal Stabilization of DNA Duplexes with *N,N*-Dicarboxymethyl-5-Aminouracil Nucleobases as the Metal-binding Sites
(Grad. Sch. of Sci., The Univ. of Tokyo) ○ Keita MORI, Yusuke TAKEZAWA, Mitsuhiko SHIONOYA

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- 2PE-11** Structural insights into biosynthesis of a [4Fe-4S] cluster via coupling of two adjacent [2Fe-2S] clusters in the IscU enzyme
(Grad. Sch. of Sci. and Eng., Saitama Univ.) ○ Kouhei Kunichika, Ryosuke Nakamura, Takashi Fujishiro, Yasuhiro Takahashi
- 2PE-12** Rapid Alkane Oxidation with H₂O₂ Catalyzed by Copper Complex with R-dpa Tridentate Ligand.
(Grad. Sch. of Sci. and Eng., Doshisha Univ.) ○ Kyosuke Fujikawa, Yutaka Hitomi, Masahito Kodera
- 2PF-01** Cyanide-bridged Ln-Fe complexes as a mediator for laccase in biofuel cell cathode
(Fac. of Sci., Tokyo Univ. of Sci.) ○ Yuma YAMAMOTO, Keiga MISHIMA, Daisuke NAKANE, Takashiro AKITSU
- 2PF-02** One-step Metal-semiconductor Phase Transition Observed in Nanocrystal Ti₄O₇
(Dept. of Material Sci., Fac. of Pure and Appl. Sci., Univ. of Tsukuba, Dept. of Chem., Sch. of Sci., The Univ. of Tokyo) ○ Riku SEIKI, Yusuke ARAKI, Iori NAGATA, Shin-ichi OHKOSHI, Hiroko TOKORO
- 2PF-03** Phase transition of a nitride-bridged one-dimensional polar complex Li₂MnN(CN)₄·3H₂O
(Grad. Sch. of Sci., Kyushu Univ.) ○ Hiroko KINOSHITA, Junichi YANAGISAWA, Ryo OHTANI, Masaaki OHBA
- 2PF-04** Anion-templated synthesis of a low-symmetric multinuclear copper(I) capsule complex and its reversible structural conversion by redox reactions
(The Univ. of Tokyo) ○ Yoshihiko Yamada, Shohei Tashiro, Mitsuhiko Shionoya
- 2PF-05** Molecular Catalysis of Co-NHC Complexes in Electrochemical Hydrogen Evolution from Water in the Presence of Pyridine Derivatives
(Dept. Chem. Kyushu Univ.) ○ Yasuhiro SUWA, Masanori KAN, Kosei YAMAUCHI, Ken SAKAI

- 2PF-06** Specific aggregation induced emission enhancement of *trans*-bis(iminomethylpyrrolato)platinum(II) complex bearing vaulted structure
(Dept. of Chem., Grad. Sch. of Eng. Sci., Osaka Univ.) ○ Shufang Huang, Soichiro Kawamorita, Takeshi Naota
- 2PF-07** Syngas Production via Aqueous CO₂ Reduction by Co Porphyrin Modified TiO₂ Electrode
(Dept. Chem. Kyushu Univ.) ○ Yuki GOYA, Ryoma KIKUNAGA, Ken SAKAI, Hironobu OZAWA
- 2PF-08** Dependence of Magnesium Ion Conductivity on Pore Size in Metal–Organic Frameworks
(Grad. Sch. of Sci., Tokyo Univ. of Sci.) ○ Takahiro ERIKAWA, Masaaki SADAKEYO
- 2PF-09** Synthesis of ruthenium complexes with different potentials: toward Z-scheme artificial photosynthesis
(Kansai Univ.) ○ Mitsuki ANDO, Tatsuo YAJIMA, Hitoshi ISHIDA
- 2PF-10** Crystal-Size Dependence of Luminescence Behavior of Gold(I) Complexes Showing Aggregation-Induced Emission
(Grad. Sch. Life Sci., Ritsumeikan Univ., Dept. of Appl. Chem., Ritsumeikan Univ.) ○ Urara SHIINA, Andriani FUROIDA, Osamu TSUTSUMI
- 2PF-11** Catalytic activity of phosphine-ligated gold cluster towards NH₃BH₃ decomposition
(Grad. Sch. of Environ. Sci., Hokkaido Univ., Faculty of Environ. Earth Sci., Hokkaido Univ.)
○ Tomotaka NAKAJIMA, Yupeng WANG, Yukatsu SHICHIBU, Katsuaki KONISHI
- 2PF-12** Synthesis of Dinuclear Triple Helicates with Large Stokes Shift Exhibited by Excited-state Relaxation and Intramolecular Charge Transfer
(Grad. Sch. of Eng., Kyushu Univ., Center for Molecular Systems (CMS), Kyushu Univ.) ○ Yuto KONISHI, Hisashi SHIMAKOSHI, Yu HOSHINO, Toshikazu ONO
- 2PF-13** Solar Hydrogen Production by Zn Porphyrin Modified TiO₂ Photoanodes
(Dept. Chem. Kyushu Univ.) ○ Naoto NAKASHIMA, Ken SAKAI, Hironobu OZAWA
- 2PF-14** Photocatalytic CO₂ Reduction by Ruthenium Complexes with Amphiphilic Peptide Ligands in Micellar Systems
(Kansai Univ., Kitasato Univ.) ○ Rikuto HAYASHI, Mizuki KOBE, Hitoshi ISHIDA

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- 2PF-15** Synthesis of luminescent MOF with biphenyl guests and its luminescent property
(Konan Univ.) ○ Shoto YAMASHITA, Yohei TAKASHIMA, Takaaki TSURUOKA, Kensuke AKAMATSU
- 2PF-16** Magnetic relaxation studies of S=1/2 copper(II)-substituted Keggin-type phosphotungstate
(College of Humanities and Sci., Nihon Univ.) ○ Toshiharu ISHIZAKI, Yoji INOUE, Tomoji OZEKI
- 2PF-17** Effect of Iodine Exposure on the Electrical Conductivity of Metal Phthalocyanines
(Grad. Sch. of Sci. and Tech., Kumamoto Univ., Fac. of Adv. Sci. and Tech., Kumamoto Univ.)
○ Misaki HORINOUCHE, Masaki MATSUDA
- 2PF-18** Chromatography separation of hydrogen isotopes at ambient temperature using dihydrogen complexes
(Grad. Sch. of Sci., Tohoku Univ., Fac. of Environ. Earth Sci., Hokkaido Univ.) ○ Tamon Yamauchi, Kaiji Uchida, Shin-ichiro Noro, Naoki Kishimoto, Ryota Sakamoto, Shinya Takaishi

- 2PF-19** Synthesis, Properties, and Catalytic Activity of a Hydrogen Bonded Framework Catalyst Constructed from Dinuclear Rh Complexes
(Osaka Univ., JST PRESTO) ○Yuka KIYOKAWA, Hikaru IWAMI, Kento KOSUGI, Yutaka SAGA, Mio KONDO, Shigeyuki MASAOKA
- 2PF-20** Zr coordination cages isomerism and assembly with polyoxometalates
(Grad. Sch. of Sci., Kyushu Univ.) ○Mirei TOKIWA, Benjamin LE OUAY, Masaaki OHBA
- 2PF-21** Thermal Conductivity of Pillared-layer Nanoporous Copper Complexes
(Nagoya Univ.) ○Shunya ASAI, Shinpei KUSAKA, Hiroaki IGUCHI, Ryotaro MATSUDA
- 2PF-22** Development of highly-efficient nickel cluster catalysts for greenhouse gas conversion by using multinuclear metallodendrimer templates
(Tokyo Inst. of Tech., Lab. for Chem. and Life Sci., JST-PRESTO, JST-ERATO, Fukushima Medical Univ., Integrated Center for Sci. and Humanities) ○Takamasa TSUKAMOTO, Tatsuya MORIAI, Makoto TANABE, Tetsuya KAMBE, Kimihisa YAMAMOTO
- 2PF-23** Real-time Analysis of Initial Processes of CO₂ Reduction Reaction of Zn(II) Porphyrin-Re(I) Dyads Photocatalyst Using Ultrafast Spectroscopy
(Dept. Chem. Kyushu Univ., Dept. Chem. Tokyo Univ. Sci.) ○Teruyuki HONDA, Takumi EHARA, Kiyoshi MIYATA, Ren SATO, Yusuke KURAMOCHI, Akiharu SATAKE, Ken ONDA
- 2PF-24** Estimating cancer cell activity using luminescent Eu(III) complex
(WPI-ICReDD, Hokkaido Univ., Grad. Sch. of Chem. Sci. and Eng., Hokkaido Univ., Fac. of Eng., Hokkaido Univ., Fac. of Medicine, Hokkaido Univ.) ○Mengfei WANG, Masaya KONO, Sunao SHOJI, Yuichi KITAGAWA, Koji FUSHIMI, Masumi TSUDA, Shinya TANAKA, Yasuchika HASEGAWA
- 2PF-25** Evaluation of solubility and redox properties for heteroleptic iron complexes with terpyridine ligands
(Sch. of Adv. Sci. and Eng., Waseda Univ.) ○Atsushi Okazawa, Takayuki Kakuchi, Kosuke Kawai, Masashi Okubo
- 2PF-26** Development of Room-Temperature H₂/D₂ Separation Method by Using Metal-dihydrogen Complex
(Dept. of Chem., Grad. Sch. of Sci., Tohoku Univ., Fac. of Environ. Earth Sci., Hokkaido Univ.) ○Kaiji UCHIDA, Naoki KISHIMOTO, Shinichiro NORO, Ryota SAKAMOTO, Shinya TAKAISHI
- 2PF-27** Control of helicity inversion rate of twisted Pd₃-metallomacrocyclic by regioselective deprotonation
(Grad. Sch. of Sci.; The Univ. of Tokyo) ○Tomoki NAKAJIMA, Shohei TASHIRO, Mitsuhiro SHIONOYA
- 2PF-28** Mixed-valence assemblies consisting of various polyoxometalate and amidate-bridged tetranuclear platinum complexes
(Grad. Sch. of Natural Sci. and Tech., Gifu Univ., Fac. of Eng., Gifu Univ., Grad. Sch. of Eng., Gifu Univ.) ○Haruka HASEGAWA, Kazuhiro UEMURA, Yuma ITO, Asuka SAHASHI, Itsuki NAGASAWA, Atsushi TAKAMORI
- 2PF-29** Magnetic behavior of alkane and alkene clathrates of a Hofmann-type Fe(II)Pt(II) porous coordination polymer
(Dept. of Chem., Grad. Sch. of Sci., Kyushu Univ., Inst. for Mat. Res., Tohoku Univ.) ○Shiki FUJIMOTO, Haruka YOSHINO, Ryo OHTANI, Masaaki OHBA
- 2PF-30** Purification and Properties of Water-soluble Metal-Organic Polyhedra
(Kyushu Univ.) ○Tomo OHARA, Benjamin LE OUAY, Ryo OHTANI, Masaaki OHBA

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- 2PF-31** Synthesis of novel polar complex crystals using oxotetracyanomolybdenum unit
(Dept. of Chem., Grad. Sch. of Sci., Kyushu Univ.) ○Rina Tsujioka, Ryo Ohtani, Masaaki Ohba
- 2PF-32** Synthesis of Pt(II) complex with dithiocarbamate containing aza-crown moiety and detection of metal ions
(Waseda Univ., Chiba Inst. of Tech.) ○Rika YAMAMOTO, Tomoaki SUGAYA, Koji ISHIHARA
- 2PF-33** Photoelectrochemical properties of coordination polymers with diimino skeleton
(Fac. of Sci. and Eng., Chuo Univ., Grad. Sch. of Eng., Kyoto Univ.) ○Hayato TABATA, Akinobu NAKADA, Ho-Chol CHANG
- 2PF-34** Oxygenation of styrene derivatives using iron fluorochlorin complex as a catalyst
(Inst. of Front. Sci. and Tech., Okayama Univ. of Sci., Dept. of Appl. Chem., Okayama Univ. of Sci.) ○Reina Ishikawa, Takuya Sawada, Akihiro Orita, Haruo Akashi
- 2PF-35** Synthesis of cyanide-based hybrid complexes consisting of limidazolium cations
(Dept. of Chem., Grad. Sch. of Sci., Kyushu Univ.) ○Naoki MOTANI, Ryo OHTANI, Masaaki OHBA
- 2PF-36** Concentration-dependent valence tautomerism of trans-type cobalt dioxolene complexes
(Fac. of Sci. and Eng., Chuo Univ., Grad. Sch. of Eng., Kyoto Univ.) ○Yuki KOYAMA, Ryunosuke KONISHI, Akinobu NAKADA, Ho-Chol CHANG
- 2PF-37** Stimuli-Responsive Luminescence of *trans*-bis(iminomethylpyrazolato)platinum(II) Complexes
(Grad. Sch. Eng. Sci., Osaka Univ.) ○Junki MAEGAWA, Soichiro KAWAMORITA, Takeshi NAOTA
- 2PF-38** Synthesis of Alkyl-functionalized Pt(II) complex bearing proton-coupled electron transfer active ligand
(Fac. of Sci. and Eng., Chuo Univ.) ○Tatsuya TAMURA, Ho-Chol CHANG
- 2PF-39** Synthesis and application to organic thin-film solar cells of metal complexes containing diketo-pyrrolo-pyrrole derivatives
(Fac. of Sci. and Eng., Kindai Univ., Res. Inst. for Sci. and Eng., Kindai Univ.) ○Naohiro TAKAHASHI, Yuki MIWA, Sota NAKANO, Senku TANAKA, Masahiko MAEKAWA, Takayoshi KURODA-SOWA, Takashi OKUBO
- 2PF-40** Fabrication and Evaluation of Organic Electroluminescence Devices Using Porphyrin Derivatives
(Fac. of Sci. and Eng., Kindai Univ., Res. Inst. for Sci. and Eng., Kindai Univ.) ○Kauri IBA, Yuki TANAKA, Tomoki NISHIYAMA, Masahiko MAEKAWA, Takayoshi KURODA-SOWA, Takashi OKUBO
- 2PF-41** Fabrication and Evaluation of Ternary Organic Solar Cells including Metal Porphyrins
(Fac. of Sci. and Eng., Kindai Univ., Res. Inst. for Sci. and Eng., Kindai Univ.) ○Yuki TANAKA, Tomoki NISHIYAMA, Masahiko MAEKAWA, Takayoshi KURODA-SOWA, Takashi OKUBO

- 2PF-42** Fabrication of thin films of luminescent coordination polymers and their application to electronic devices
(Fac. of Sci. and Eng., Kindai Univ., Res. Inst. For Sci. and Eng., Kindai Univ.) ○Sota NAKANO, Tomoki NISHIYAMA, Keisuke TANAKA, Kauri IBA, Masahiko MAEKAWA, Takayoshi KURODA-SOWA, Takashi OKUBO
- 2PF-43** Temperature-dependent elasticity of an elastic crystal composed of a porphyrin: suppression of curing upon cocrystallization with the metalloporphyrin
(Nara Woman's Univ.) ○Yoji Horii, Hinako Kato, Ayaka Habu, Takashi Kajiwara
- 2PF-44** Construction of a two-dimensional metal-organic framework composed of a C_1 -symmetric macrocyclic benzimidazole[3]arene ligand
(Grad. Sch. of Sci.; The Univ. of Tokyo) ○Keiichi NAKAGAWA, Shohei TASHIRO, Mitsuhiko SHIONOYA
- 2PF-45** Arrangement and photoluminescence properties of tiara-shaped platinum complexes in solid phase
(Grad. Sch. of Environ. Sci., Hokkaido Univ., Faculty of Environ. Earth Sci., Hokkaido Univ.)
○Jiaxing LIU, Shougo SHIMADA, Katsuaki KONISHI, Yukatsu SHICHIBU
- 2PF-46** Emission properties of Ir(III) complexes bearing bipyridine containing Pb(II) ion selective crown ether moiety
(Waseda Univ., Sophia Univ., Chiba Inst. of Tech.) ○Ikumi IMANISHI, Yota SUZUKI, Harutsugu HIROOKA, Tomoaki SUGAYA, Koji ISHIHARA
- 2PF-47** Metal Enolate Complexes of the 2-Acylmethyl-4,4-dimethyl-2-oxazolines
(Toronto Metropolitan Univ.) ○Robert A. Gossage