

Poster Presentation

September 2, Tuesday

Odd Numbers : 15:15 – 16:15 Even Numbers : 16:15 – 17:15

[PA-001]*

Jing He, Wan Seok Yoon, Jaesook Yun (Sungkyunkwan University)
Cu-Catalyzed Borylative Coupling of 1,3-Disubstituted Enynes with Imines

[PA-002]*

Yuki Shinkawa, Yuta Kondo, Tetsuya Kadota, Hiroyuki Morimoto, Takashi Ohshima (Kyushu University)
Catalytic Mannich/Cyclization Cascade of *N*-Unprotected Ketimines with α -Isocyanoacetates for the Synthesis of Tetrasubstituted Imidazolines

[PA-003]*

Tao Kasahara, Takuya Akiyama, Akira Yamamoto, Tetsuro Kusamoto, Hayato Tsurugi (The University of Osaka)
Tungsten-Catalyzed Synthesis of Multisubstituted Cyclopentadienes from Internal Alkynes and 3,3-Disubstituted Cyclopropenes

[PA-004]*

Shalu Deshwal, Dinesh Kumar Gopalakrishnan, Tarak Karmakar, Janakiram Vaitl (Indian Institute of Technology Delhi)
Regio and Stereoselective Addition of Vinyl Sulfoxonium Ylide with Michael Acceptors

[PA-005]*

Kazuki Nishihara, Yiyuan Jiang, Takashi Kurogi, Hideki Yorimitsu (Kyoto University)
Reductive Borylmetallation of Alkenes Using Flow Microreactors

[PA-006]

Yuto Sumida, Rui Akiba, Kei Kojima, Shotaro Tsuda, Takamitsu Hosoya (Institute of Science Tokyo)
Schiff base-type boron-ate complex enabling photo-induced alkyl radical generation

[PA-007]

Péter Pongrácz, Fanni Bede, László Kollár, Attila Takács (University of Pécs)
Synthesis of oxazepine and oxazocine derivatives in the carbonylation reaction of *o*-phenylene dihalides and *o*-aminophenols

[PA-008]*

Jiaying Li, Toshimichi Ohmura, Michinori Suginome (Kyoto University)
Palladium-Catalyzed Disilene/1,3-Diene [4+2] Cycloaddition Using a (Aminodisilanyl)boronic Ester

[PA-009]*

Yubiao Tian, Yingzi Li, Xavier Abel-Snape, Junjie Meng, Simone Baldon, Paula Fraňová, Filip S. Meger, Franz-Lucas Haut, Anna Sadurní, Niels Felix Kampkötter, Feliu Maseras, Ruben Martin (Institute of Chemical Research of Catalonia)
Skeletal Remodeling of Macrocycles Enabled by Light-Induced Processes

[PA-010]*

Ikumi Yamamoto, Tatsuhiko Yoshino, Kousuke Higashida, Shigeki Matsunaga (Kyoto University)
Synthesis and Characterization of Gold(I) Complexes bearing Imidazo[1,5-*b*]pyridazine-7-ylidene Ligands

[PA-011]

Genfeng Feng, Makoto Yamashita (Institute of Science Tokyo)
Synthesis and Reactivity of Aluminyl-Tin Species to Form an Al,N-Heteroallene Derivative

[PA-012]

Pavel Zatsépin, Makoto Yamashita (Institute of Science Tokyo)
Early transition metal aluminyls: synthesis, properties and reactivity

[PA-013]

Koichiro Masada, Shin-ya Kawamoto, Takahiro Sasamori (University of Tsukuba)
A Stibonium Stabilized by Intramolecular Coordination from a Phosphine

[PA-014]*

Yuto Tamba, Saki Maejima, Hideki Yorimitsu (Kyoto University)
Oxidative Cleavage of Styrenes Using Excited Dibenzothiophene *S*-Oxide as a Mild Oxidant

[PA-015]*

Can Qin, Melinda R. Serrato, Hossein Zahedian, Xin Zhi Sui, Amir H. Hoveyda (University of Strasbourg)
Readily Tunable Cyclic Alkylidene Catalysts for Olefin Metathesis

[PA-016]

Kuan Wang, Yuheng Wu, Zhaozi Lv, Lan Gan, Zheng Huang (SIOC)
cis-P₂ClIr-Catalyzed Transfer Dehydrogenation Reactions

[PA-017]*

Clarence Tan, Andreu Tortajada, Eva Hevia (University of Bern)
Na-mediated catalytic deprotonative borylation of arenes and heterocycles with iminoboranes

[PA-018]

Daishi Hiramatsu, Takuya Kurahashi (Kwansei Gakuin University)
Design and Synthesis of New PN Chiral Ligands for Asymmetric Catalysis

[PA-019]

Risa Shibai, Yuma Shigehiro, Shogo Sasaki, Yasuyuki Ura (Nara Women's University)
Visible Light-promoted Selective Oxygenation of a PdBn(NNP(O)) Complex

[PA-020]*

Weixin Qi, Ke Xu, Eiji Yamamoto, Haruno Murayama, Akina Yoshizawa, Hironobu Matsueda, Makoto Tokunaga (Kyushu University)
Thiol Synthesis from Alkenes Using Elemental Sulfur and Hydrogen with Heterogeneous Cobalt Silicate Catalysts

[PA-021]*

Xavier Abel-Snape, Clara Jans, Bijan Mirabi, Moritz K. T. Klischan, Julian Melder, Greg Hughes, Atang Peloewetse, Mark Lautens (University of Toronto)
Unexpected Remote Asymmetric Induction via a Chiral Acetylene Equivalent

[PA-022]

Taiga Yurino, Ryota Saeki, Asuka Hachiya, Takeshi Ohkuma (Hokkaido University)
Pd-Catalyzed Formation of Vinylic Isonitriles

[PA-023]

Takuya Kodama, Nijito Mukai, Mamoru Tobisu (The University of Osaka)
Visible-Light-Induced Redox Chemistry in Group 13 Element: A Gallium-Based Approach with a Phenalenyl-Based Ligand

[PA-024]

Janis Zakis, Tomas Smjekal, Guillaume Berthon (Syngenta Crop Protection)
Leveraging Syngenta's High-Throughput Digital Synthesis Platform for LSF

[PA-025]*

Yi-Ming Hou, Ru Jiang, Jiandong Liu, Chao Zheng, Shu-Li You (SIOC)
Iridium-Catalyzed *Z*-Selective Asymmetric Allylic Substitution Reaction via *Z/E* Kinetic Resolution

[PA-026]

Ikuyoshi Tomita, Alvin Tanudjaja, Hibiki Saito, Keisuke Tsujimura, Yuqi Wang, Xinyu Zhang, Ryoyu Hifumi (Institute of Science Tokyo)
 π -Conjugated Organometallic Polymers with Titanacycles in the Main Chain

[PA-027]

Shigeru Yamaguchi (RIKEN)
Data-Driven Molecular Catalyst Design System

[PA-028]*

Minoru Ikuji, Yasuyo Tahara-Tezuka, Cathleen M. Crudden, Masakazu Nambo (Nagoya University)
Photoredox-catalyzed Direct C–H Sulfonylalkylation of Arenes Using Fluorinated Bis(sulfonyl)methane

[PA-029]*

Mohamed S. H. Salem, Akimasa Sugizaki, Yuri Araki, Hiroaki Sasai, Shinobu Takizawa (The University of Osaka)
Enantioselective Synthesis of a Triply-Twisted Möbius Aromatic Molecule *via* Chiral Vanadium Catalysis

[PA-030]

Itaru Nakamura, Chunbo Jia, Masahiro Terada (Tohoku University)
AgBF₄-Induced Site-Selective Synthesis of 4-Sulfonylindoles in Au-catalyzed Cyclization-Sulfonyl Migration Reactions

[PA-031]

Masahiko Hayashi, Yuxin Zheng, Yanze Huang, Peng Gao, Hongyan Liu, Yiwei Wang, Miho Wakiya, Suguru Murakami, Ryosuke Matsubara (Kobe University)
Regiodivergent Desymmetrization Reaction Providing Two Enantioriched Structural Isomers

[PA-032]

Xin Chang, Shi-Hao Chen, Peng Wang (SIOC)
Design, Synthesis and Applications of Spirosilacycle-Based Ligands

[PA-033]*

Seeun Lim, Yunmi Lee (Kwangwoon University)
Synthesis of Nitrile-Bearing Quaternary Carbons via Copper-Catalyzed Hydroalumination/Cyanation

[PA-034]

Andrea Trifoglio, Laura Favaretto, Ilse Manet, Giulio Bicchierai, Andrea Rossin, Manuela Melucci (CNR-ISOF)
Design and Synthesis of fluorescent oligothiophene and oligoselenophene-based linkers for multifunctional Zirconium MIXMOFs

[PA-035]*

Kana Morita, Ayaka Horiki, Fuka Yoshinari, Seiji Iwasa, Kazutaka Shibatomi (Toyohashi University of Technology)
Enantioselective Synthesis of Trifluoromethyl-, Difluoromethyl-, and Monofluoromethyl-substituted Cyclopropanes with Chiral Ruthenium Catalyst

[PA-036]*

Hina Sudo, Takumi Hayashi, Elghareeb E. Elboray, Toshifumi Dohi (Ritsumeikan University)
Copper(I)-Catalyzed Coupling of Triazole Iodonium(III) Salts for Divergent Synthesis of 4-Aminotriazoles

[PA-037]*

Yuta Kato, Kangmin Lee, Haruka Yamaguchi, Takashi Kurogi, Hideki Yorimitsu (Kyoto University)
Deoxygenative Dilithiation of Furans

[PA-038]*

Subin Park, Ju Hyun Youn, Hong Geun Lee (Seoul National University)
Halogen Atom Transfer-Induced Homolysis of C–F Bonds by the Excited-State Boryl Radical

[PA-039]*

Suyeon Shin, Minji Kim, Won Jun Jang (Ewha Womans University)

Nickel-Catalyzed Asymmetric Cross-Electrophile Coupling of Aryl Halides with Secondary Alkyl Halides

[PA-040]*

Chinraj Sivarajan, Raja Mitra (Indian Institute of Technology Goa)

P[^]N & P[^]C ligated Pd complexes and their catalytic application

[PA-041]*

Aoi Sakamoto, Yuji Koga, Kouki Matubara (Fukuoka University)

Synthesis and Catalytic Applications of IPr* Complexes of Ni(I) and Ni(II)

[PA-042]*

Kazuki Hirate, Takumi Kinoshita, Kousuke Hamawaki, Shoma Chiba, Yota Sakakibara, Kei Murakami (Kwansei Gakuin University)

γ -C-H functionalization of tertiary amines via α -ammonio radical

[PA-043]*

Jongsung Lee, Jaesook Yun (Sungkyunkwan University)

Conjugate Addition of Chiral Copper Species to To Access an All-Carbon Quaternary Center

[PA-044]

Ryo Takeuchi, Takeshi Matsui, Yuki Yasumura, Natsuki Suzuki, Manami Kobayashia, Takahiro Sawano (Aoyama Gakuin University)

Iridium-Catalyzed Enantioselective Allylation and Allenylation

[PA-045]*

Yuria Kawase, Kei Ota, Yoshiyuki Mizuhata, Tsukasa Matsuo (Kindai University)

Synthesis and Structural Characterization of Distibene and Cyclotetrastibane Bearing the Bulky Ring Groups

[PA-046]*

Mingjun Chi, Lulu Sun, Masayoshi Nishiura, Lin Huang, Haoran Zhang, Yuji Higaki, Sunghoon Lee, Kenjiro Fukuda, Yanan Zhao, Takao Someya, Zhaomin Hou (RIKEN)

Thioether-Functionalized Self-Healing Polyolefins for Flexible Conductors

[PA-047]*

Yuki Hirata, Shunsuke Kimura, Kosuke Higashida, Tatsuhiko Yoshino, Shigeki Matsunaga (Hokkaido University)

Site-selective C(sp³)-H and Switchable C(sp³)-H/C(sp²)-H Functionalization through Geometry Control of Directing Group

[PA-048]*

Gyumin Kim, Eun Jeong Yoo (Kyung Hee University)

Dearomative [5 + 3] Cycloaddition of N-Aromatic Zwitterions via Pd-Allyl Complexes: Regioselectivity Control through Electronic Tuning

[PA-049]*

Gyuri Park, Eun Jeong Yoo (Kyung Hee University)

Divergent Cycloaddition of Morita-Baylis-Hillman Carbonates with Quinolinium Zwitterions: Access to Eight- and Six-Membered Heterocycles

[PA-050]

Yuka Yamamoto, Tomoya Mommae, Tatsuya Fujimoto, Naofumi Tsukada (Sizuoka University)

Synthesis and Reactivity of Palladium Complexes Bearing Phosphine-Amidinate Ligands: O-H Bond Activation by Metal-Ligand Cooperation

[PA-051]*

Yeonsoo Yang, Jihui Lee, Eun Jeong Yoo (Kyung Hee University)

Selective 1,4-De aromatization Strategy for Synthesizing Fused Imidazoles

[PA-052]*

Risa Utsunomiya, Keigo Yoshikawa, Miho Matsuoka, Tomoya Kurose, Kazuyuki Kubo, Shoko Kume, and Tsutomu Mizuta (Hiroshima University)
Syntheses of phosphorus-bidentate ligand having two naphthalene bridge units

[PA-053]

Yohei Adachi, Ryuji Matsuura, Joji Ohshita (Hiroshima University)
Synthesis and Optical Properties of Planarized Dithienylboranes

[PA-054]*

Jungin Kim, Byeongdo Roh, Hong Geun Lee (Seoul National University)
Pd-Catalyzed Stereospecific Defluorinative Cross-Coupling Reaction of Enantioenriched Cyclopropylboron Compounds

[PA-055]*

Kyosuke Fujiwara, Shogo Nakamura, Koji Hirano (The University of Osaka)
Copper-Catalyzed Regio- and Stereoselective Borylalkoxylation of Styrenes Based on Electrophilic Etherification

[PA-056]*

Yuichiro Tomishima, Kosuke Yasui, Koji Hirano (The University of Osaka)
Ni-catalyzed Suzuki-Miyaura Cross-Coupling of Vinyl Sulfoximines

[PA-057]*

Ivana Nikšić-Franjić, Marko Purić, Nikola Topolovčan (Ruđer Bošković Institute)
Computational Insights into Substituent Effects on the Chiral Cyclopentadienyl Ligand Framework

[PA-058]*

Johannes Mayr, Fritz E. Kühn (Technical University of Munich)
Enhanced Stability and Activity in Ru(II) P–NHC Catalysts for Transfer Hydrogenation *via* NHC Motif Modification

[PA-059]*

Tomoyuki Miyazaki, Shun Sugimoto, Yoshiaki Nishibayashi (The University of Tokyo)
Catalytic Synthesis of Amide from Dinitrogen via Molybdenum–Amidate Complex

[PA-060]

Naoki Matsushita, Tatsuya Teshigawara, Yuhei Suzuki, Kenshiro Fuse, Yoko Yasuno, Hiroshi Tsuchikawa, Tohru Oishi (Kyushu University)
Synthetic Study of ABCDEF Ring of Maitotoxin

[PA-061]

Shintaro Kawamura, Subrata Mukherjee, Yuma Aoki, Mikiko Sodeoka (RIKEN)
Copper-Catalyzed Controlled Radical Fluoroalkylations of Alkenes using Fluorinated Carboxylic Anhydrides

[PA-062]*

Maria Kosaka, Yuki Kurashige (Kyoto University)
Multiconfigurational electronic-structure of paddle-wheel di-Ru catalyst along the amination reaction

[PA-063]

Yuri Tulchinsky (The Hebrew University of Jerusalem)
Three Generations of Sulfonium-Based Pincer Ligands for π -Acid Catalysis

[PA-064]

Marko Purić, Filip Duplić, Ivana Nikšić-Franjić, Nikola Topolovčan (Ruđer Bošković Institute)
RESET Principles in Design of Next-Generation Chiral Cp-Ligands

[PA-065]

Sentaro Okamoto, Ryosuke Nozawa, Yuga Tsunoda, Kota Ibe (Kanagawa University)

Synthesis of Cyclic Grafted Cyclopolyene Oligomers via Nickel-Catalyzed Cyclopolymerization of α,ω -Diynes

[PA-066]*

Francois Richard, James D. Robinson, Kohl A. Ratkovich, Matthew J. Gaunt (University of Cambridge)

Pd-catalysed one-carbon homologation of tertiary *N*-benzyl amines

[PA-067]

Abhijit Sen, Valerii Bukhanko, Heeyoel Baek, Aya Ohno, Atsuya Muranaka, Yoichi M. A. Yamada (RIKEN)

Polymeric Nickel-Iridium Dual-Catalyzed Buchwald-Hartwig Type Amination of Aryl Chlorides under Microwave and Visible Light Dual Irradiation

[PA-068]*

Xuanyi Du, Zhongxing Huang (The University of Hong Kong)

Asymmetric decarboxylative fluorination

[PA-069]

Taira Adachi, Hitoshi Izu, Yasuhiro Ohki (Kyoto University)

Synthesis and Reactivity of Rh Half-sandwich Complexes Having Bulky Ligands, C_5Ar_5 (Ar = aromatic groups)

[PA-070]

Shunsuke Sueki, Masaki, Ochi, Tetsuro Hayashi, Yutaro Komiya, Aina Fujii, Emi Hagihara, Yudai Kitamura,

Kazuma Wakatsuki, Kosho Makino, Masahiro Anada (Musashino University)

Catalytic Transformation of Alcohols Using Ruthenium Hydride Complexes via Hydride Transfer Process

[PA-071]*

Li Yan, Wai Chung Fu (City University of Hong Kong)

Short Total Synthesis of Lumacaftor

[PA-072]*

Masaharu Toguchi, Kosuke Hamawaki, Yota Sakakibara, Kei Murakami (Kwansei Gakuin University)

Synthesis of tetraarylammonium salts via intramolecular cyclization

[PA-073]*

Kazuki Suemori, Ryosuke Masuda, Hiroyuki Kusama (Gakushuin University)

Generation and Spectroscopic Detection of Fischer-Type Gold Carbene Complexes Utilizing Photochemical Isomerization of Acylsilanes

[PA-074]*

Masaharu Takatsuki, Yuta Sato, Makoto Sako, Atsushi Nakayama, Mitsuhiro Arisawa (The University of Osaka)

Multitasking Single Rhodium-catalyzed Long-range Isomerization/Cycloisomerization/Hydrosilylation of 1,*n*-Dienes to Give 2,3-Disubstituted Dihydrobenzofuran

[PA-075]

Katsuhiro Isozaki, Kenta Iseri, Kyosuke Ueda, Masaharu Nakamura (Kyoto University)

Supramolecular ligand engineering of Gold Nanocluster Catalysts

[PA-076]*

Junghoon Kwon, Hwiwoong Lee, Yunmi Lee (Kwangju University)

Ligand-Controlled Regio- and Stereoselective Disilylation of Allenols via Copper Catalysis

[PA-077]

Kazuhiro Okamoto, Shuto Wada, Kensuke Muta, Aiichiro Nagaki (Hokkaido University)

Reactivity of Alkali Metal Carbenoid Species in Flash Microflow System

[PA-078]

Tun-Cheng Chien (National Taiwan Normal University)
Total Synthesis of Tilivalline

[PA-079]

Hairong Lyu (The Chinese University of Hong Kong)
A neutral sp^2 - sp^3 diboron reagent and its Applications in Borylation Reactions

[PA-080]

K. Stefanowska, J. Szyling, A. Wawrzyńczak, S. Kment, R. Zbořil, A. Franczyk, J. Walkowiak (Adam Mickiewicz University)
Hetero- and Homogenous Catalytic Hydrosilylation as an Effective Strategy for the Synthesis of Alkenyl-Functionalized POSS Derivatives

[PA-081]

Naoya Noguchi, Toshiro Takao (Institute of Science Tokyo)
Synthesis of Heterobimetallic Ru_2Fe Cluster Supported by Cp Groups

[PA-082]

Yuichiro Mutoh, Relam Khalaf, Sobi Asako, Laurean Ilies (RIKEN)
Transient π -Coordination to Chromium Enables Borylation of Simple Arenes

[PA-083]*

Makoto Tamura, Fumitoshi Kakiuchi, Takuya Kochi (Keio University)
Catalytic Reductive Cyclization of 1,n-Dienes via Chain-Walking

[PA-084]*

Akshay M. Nair, Martin Fañanás Mastral (Universidade de Santiago de Compostela)
Photocatalytic Arylative and Acylative Cross-couplings of Gaseous Alkanes

[PA-085]

Jie Wang, Wei-Feng Zheng, Xue Zhang, Hui Qian, Shengming Ma (SIOC)
Stereoselectivity Control in Rh-catalyzed β -OH Elimination for Chiral Allene Formation

[PA-086]*

Keita Suzuki, Hideaki Takano, Hiroshi Shinokubo (Nagoya University)
Indium-Catalyzed Construction of Seven-Membered Ring-Fused BODIPY

[PA-087]*

Dilip K. Pandey, Tatiana Gridneva, Shriwantu Pal, Robert R. Fayzullin, Julia R. Khusnutdinova (Okinawa Institute of Science and Technology)
Distinct reactivity of iron hydrides bearing the same bulky PNP ligand in hydrogenation of alkenes and alkynes

[PA-088]*

Aleksandr Sorvanov, Eugene Khaskin, Julia Khusnutdinova (Okinawa Institute of Science and Technology)
Self-Assembled Nickel Complexes for (Hetero)arenes Trifluoromethylation and Olefins Halotrifluoromethylation via High-Valent Oxidation States

[PA-089]*

Satoshi Kato, Hideaki Takano, Hiroshi Shinokubo (Nagoya University)
Synthesis of Norcorroles and Tetraphyrins via Manganese-Mediated Intramolecular Reductive Coupling

[PA-090]*

Minchul Choi, Hyeji Kim, Danh Cong Huynh, Chulbom Lee (Seoul National University)
Total Synthesis of Madeirolide A

[PA-091]

Su-hyun Kim, Jungwon Hwang (Air Liquide)
Thermally Stable Novel Zirconium Precursors for High-k MIM Capacitor Fabrication in DRAM via ALD

[PA-092]

Meng-Ying Chan, Shih-Ching Chuang (National Yang Ming Chiao Tung University)
Ruthenium-catalyzed C-H activation and annulation of 2-azobiaryls: green-to-purple fluorescent triarylcinnolin-2-ium salts with large stokes shifts

[PA-093]

Yasuhisa Ishii, Nursaliha Siti, Takako Muraoka (Gunma University)
C-C and C-O Bond Cleavage of α,β -Unsaturated Esters by a Gallane(pyridyl)iron Complex

[PA-094]

Takahiro Doba, Hao Zhang, Masaharu Nakamura (Kyoto University)
A Modular Synthesis of Cationic (η^6 -Cyclopentadienyl)(η^6 -Arene)Iron(II)-Type Complexes

[PA-095]

Runa Ouchi, Shunsuke Kuwahara, Tomohiko Shirai (Toho University)
Cationic Iridium-Catalyzed Decarboxylation of Aromatic Carboxylic Acids

[PA-096]*

Ziwei Zhang, Takashi Kurogi, Hideki Yorimitsu (Kyoto University)
anti-Selective Borylfunctionalization of Alkynes Using Potassium Reductants

[PA-097]

Jędrzej Walkowiak, Paweł Huninik, Barbara Krupa, Jakub Szyling, Mateusz Nowicki, Hoyoung Im, Mu-Hyun Baik, Radek Zbořil, Stepan Kment (Adam Mickiewicz University)
New organic, boron and single atom catalysts for borylation and silylation reactions: towards typical and unusual selectivities

[PA-098]

David F. Fernández (Pfizer Inc.)
Development of a Commercial Manufacturing Process for Vepdegestrant, an Orally Bioavailable PROTAC Estrogen Receptor Degradar for the Treatment of Breast Cancer

[PA-099]

Ikko Takahashi, Andreu Tortajada, David E. Anderson, Laurean Ilies, Eva Hevia, Sobi Asako (RIKEN)
Iron-Catalyzed Coupling Reactions with Organosodium

[PA-100]*

Kentaro Yamakawa, Takahiro Nishimura (Osaka Metropolitan University)
Construction of all-carbon stereocenter *via* iridium-catalyzed branched selective and enantioselective hydroarylation of 1,1-disubstituted alkenes

[PA-101]*

Mikishiro Hayashi, Ryudai Michikita, Yoshinosuke Usuki, Tetsuya Satoh (Osaka Metropolitan University)
Synthesis of Polycyclic Heteroarenes *via* Rhodium-Catalyzed Annulation

[PA-102]*

Justin Ching, Megan Jaschinski, Eun Seo Choi, Mark Lautens (University of Toronto)
Synthesis of α -Quaternary Aldehydes *via* a Dual Ni/Rh-Catalyzed Tandem Isomerization–Propargylation Reaction

[PA-103]*

Shintaro Hamada, Yu Sato, Ken Tanaka (Institute of Science Tokyo)
Rh-Catalyzed Asymmetric Cyclization of 1,6-Enynes with α -Fluoroacrylamides

[PA-104]*

Abir Das, Basker Sundararaju (Indian Institute of Technology Kanpur)
Sustainable Strategies in Cobalt Catalysed Enantioselective C–H Bond Functionalization

[PA-105]*

Kiichi Hatae, Kyohei Kawashim, Toshifumi Mori, Takayuki Iwata, Mitsuru Shindo (Kyushu University)
Design and Synthesis of Triptycene-Based Phosphine Ligand having Pnictogen Bonding for Palladium Catalysis with High TON

[PA-106]

Akina Yoshizawa, Qi-An Huang, Yuxue Cao, Haruno Murayama, Eiji Yamamoto, Akihiro Nakayama, Tamao Ishida, Mitsutaka Okumura, Tetsuo Honma, Yousuke Suzuki, Makoto Tokunaga (Kyushu University)
Isomerization of allylic esters catalyzed by supported gold nanoparticles

[PA-107]*

Yoonseo Seo, Seeun Lim, Yunmi Lee (Kwangwoon University)
Regioselective Allylation of Iminium Salts via Cu-Catalyzed Hydroalumination of Allenes: Access to All-Carbon Quaternary Centers

[PA-108]*

Sourav Bag, Jitendra K. Bera (Indian Institute of Technology Kanpur)
Ligand-Controlled Cobalt(III)-Catalyzed Hydroboration of (Poly)carbonates for the Synthesis of Value-Added Chemicals

[PA-109]*

Chun-Yu Chen, Shih-Ching Chuang (National Yang Ming Chiao Tung University)
Direct Access to Apically Aryl-Substituted Tribenzotriquinacenes via a Novel Four-Step Route through Benzofulvene

[PA-110]*

Masashi Yamashita, Fumitoshi Shibahara (Gifu University)
One-pot synthesis of fluorescent benzoimidazoindolizines via tandem C–H activation and Mizoroki–Heck reaction

[PA-111]*

Takeru Inoue, Koji Hirano (The University of Osaka)
Nickel-Catalyzed Alkoxylation of Biphenylene C–C Bonds Based on Electrophilic Etherification

[PA-112]*

Serena Schilling, André Bütikofer, Karina Pivnic, Joël Landis, Vladimir Gorbachev, Peter Chen (ETH Zurich)
Electric field effect in the Hydrogenation of Charge-tagged Cyclopentadienone Iron Complexes

[PA-113]*

Yeonjoo Lee, Minseop Kim, Dohun Lee, Sangwon Seo, Byunghyuck Jung (DGIST)
Regiodivergent Cu-Catalyzed Double Protoboration of 1,3-Enynes

[PA-114]*

Guofan Zhang, Qirui Sun, Hanchi Zhao, Rui Liu (Duke University)
AI-Augmented Molecular Design for Transition Metal Photocatalysis

[PA-115]

Naoki Yasukawa, Yuto Yoshida, Waka Okada, Shuichi Nakamura (Nagoya Institute of Technology)
Photocatalytic Decyanative Transformation Enabled by Boryl Radicals

[PA-116]

Masae Takahashi (Tohoku University)
Flat Silicene and Beyond: Beryllium-Enhanced Stability and Electronic Characteristics

[PA-117]

Jiawei Qiu, Keigo Watanabe, Shinsuke Komagawa, Masaharu Takatsuki, Tsuyoshi Matsuzaki, Takeyuki Suzuki, Makoto Sako, Kazushi Mashima, Mitsuhiro Arisawa (The University of Osaka)
Iridium-Catalyzed C(sp³)-C(sp²) [1,5]-Silyl Migration of 2-Vinyl-3-silylmethyl Heterocyclic Compounds to Give 3-Silylvinyl Indole and Benzofuran Derivatives

[PA-118]

Zhenghua Li, Harekrishna Sahoo, Liang Zhang, Zhaomin Hou (RIKEN)
Construction of Contiguous Stereogenic Centers at Allene Skeletons through Enantioselective 1,2,3-Trifunctionalization

[PA-119]*

Pol de la Cruz-Sánchez, Ha Phan, Pablo Martínez-Pardo, Jonas Bergare Maria Jesus Cabrera-Afonso, Charles S. Elmore, Belén Martín-Matute (Stockholm University)
Synthesis of Chiral and Isotopically Labelled Organic Cyclic Carbonates via MOF-Catalyzed CO₂ Cycloadditions

[PA-120]

Ramasamy Manoharan, Hidetoshi Noda, Masakatsu Shibasaki (Institute of Microbial Chemistry)
Conformationally Constrained Paddlewheel Dirhodium Complexes: Design, Synthesis and Applications

[PA-121]*

Björn Smolka, Fritz E. Kühn (Technical University of Munich)
Chiral Iron(II) NHC-Complexes and their Application in Enantioselective Epoxidation of Alkenes

[PA-122]

Kanticha Jaiyen, Kotohiro Nomura (Tokyo Metropolitan University)
Stereospecific Synthesis of Functionalized Bottlebrush ROMP Polymers Exhibiting Unique Thermal and Emission Properties

[PA-123]*

Sehee Park, Ga Young Kim, Jinho Kim (Incheon National University)
Mn(acac)₃/Hydrazide-Catalyzed Aerobic Oxidative Cross-Dehydrogenative Couplings of 1,2,3,4-Tetrahydroisoquinolines and Their Mechanistic Studies

[PA-124]*

Gayeong Park, Su Been Kim, Jinho Kim (Incheon National University)
Mn-Catalyzed Aerobic Oxidative α -Cyanation of Tertiary Amines Using Azo/hydrazide Redox

[PA-125]

Takahiro Yamada, Tatsuya Sakaguchi, Norihiko Takeda, Masafumi Ueda (Kobe Pharmaceutical University)
Pd/Tl bimetal-catalyzed intramolecular C-C bond formation of pyridines: access to pyridine-fused benzophosphole oxides

[PA-126]*

Ryo Komatsu, Hiroshi Matsubara, Takuji Kawamoto (Yamaguchi University)
Radical borylation of arylsulfones leading to arylboranes

[PA-127]*

Nayeong Kim, Yemin Kim, Won Jun Jang (Ewha Womans University)
Nickel-Catalyzed Chemoselective Cross-Electrophile Coupling of Alkyl Iodides and Alkynyl Bromides

[PA-128]*

Jinwook Jeong, Sungwoo Hong (KAIST)
Divergent Enantioselective Access to Diverse Chiral Compounds from Bicyclo[1.1.0]butanes and α,β -Unsaturated Ketones under Catalyst Control

[PA-129]*

Chloé Stoll, Clément Mazet (University of Geneva)

Chiral *N*-Heterocyclic Ligands Built on the Imidazo[1,5-*a*]pyridin-3-ylidene Skeleton: Synthesis and Evaluation in Enantioselective Au Catalysis

[PA-130]*

Christopher Hüßler, A. Stephen K. Hashmi (Heidelberg University)

Gold-Catalyzed Access to Pyrrolo- and (Aryl)Indolo-Fused Phenazines

[PA-131]*

Shuto Odagaki, Kô Sudo, Kosuke Kawabe, Takuya Kurahashi (Kwasei Gakuin University)

Polarity Inversion Strategy for Nickel-Catalyzed Reductive Coupling of Aldehydes with Alkenyl Halides

[PA-132]*

Akihiko Suzuki, Kosuke Higashida, Tatsuhiko Yoshino, Shigeki Matsunaga (Hokkaido University)

Multiple Deuterium Atom Transfer Perdeuteration of Unactivated Alkenes under Base-Assisted Cobalt/Photoredox Dual Catalysis

[PA-133]*

Yuga Tsunoda, Kota Ibe, Sentaro Okamoto (Kanagawa University)

Synthesis of TPA containing Hyper Branched Polymers by Co catalyzed [2+2+2] Cycloaddition Polymerization of Alkynes and Their Conductive Properties

[PA-134]*

Zhen Wu, Taiga Yurino, Takeshi Ohkuma (Hokkaido University)

Asymmetric Cyanation of Acylated *N*-Heteroaromatic Compounds Using Ru–Li Combined Catalyst System

[PA-135]*

Takaya Tomoike, Bumpei Maeda, Shoma Chiba, Yota Sakakibara, Kei Murakami (Kwansei Gakuin University)

Development of a Palladium-Catalyzed Synthesis of Phosphonium Cyclopentadienylides under Photoirradiation

[PA-136]*

Jing Lyu, Ken-ichi Fujita (Kyoto University)

Selective Synthesis of Secondary Amines from Aqueous Ammonia and Alcohols Catalyzed by an Iridium Complex

[PA-137]*

Mitsuhiro Bandai, Shunsuke Kato, Akira Onoda, Takashi Hayashi, Seiji Mori (Ibaraki University)

Evaluation of the effects of mutations in Cp**Rh*(III) complex-linked artificial metalloenzyme Nitrobindin^{HLH}-Cp**Rh*(III) by MD simulations

[PA-138]

Mohammad Jaber, Yasemin Ozbay, Gaël Tran, Abderrahmane Amgoune (Universite Lyon 1)

Leveraging iron LMCT for the valorization of native alcohols as carbon-based radicals in cross-coupling reactions

[PA-139]*

Soo Eun Park, Sungjun Choi, Chaewon Lim, Siyeon Jeong, Jung Min Joo (Kyung Hee University)

Pd-Catalyzed Polydeuteration of (Hetero)Aromatic Carboxylic Acids

[PA-140]*

Tomoya Emmei, Mamoru Tobisu (The University of Osaka)

Intermolecular Addition of a C–F Bond in Acyl Fluorides across Alkynes Catalyzed by a Silver(I) Salt

[PA-141]

Akise Taniguchi, Kaito Kubota, Hanae Takeda, Tomohiro Hashizume, Naotaka Nishio, Ken-ichi Fujita (Kyoto University)
Simultaneous Production of Hydrogen and Lactic Acid from Cellulose Catalyzed by Iridium Complex Bearing a Functional Ligand

[PA-142]*

Taehyun Oh, Melanie Kaider, Vidyasagar Gaikwadand, Byeonghoon Ho, Eun Jin Chob, Chulbom Lee (Soul National University)
Photoinduced Atom-Transfer-Radical-Addition (ATRA) of Ortho-Amino Arylalkynes: Synthesis of Fluorinated Quinolines

[PA-143]

Yeehwan Kim, Eunhae Joe, Boyoung Moon, Chulbom Lee (Soul National University)
Chemical Synthesis and Biological Evaluation of the Exiguamines

[PA-144]

Akihiro Yoshida, Shuto Ohtaka, Momoka Fujino, Sayaka Kubota, Ryo Sagara, Miki Namiki, Chikako Takahashi, Hiroshi Akutsu (Josai University)
Fluorous Lewis Acid-catalyzed Ring-opening Reactions of 1,6-Anhydro- β -D-glucopyranose Derivatives

[PA-145]*

Kyeongdo Kim, Byeongdo Roh, Hong Geun Lee (Seoul National University)
Stereospecific Acylative Suzuki-Miyaura Cross-Coupling for the Synthesis of Optically Active α -Heteroatom Carbonyl Compounds

[PA-146]*

Subhankar Pradhan, Luigi Cavallo, Baskar Sundararaju (Indian Institute of Technology Kanpur)
Dual Cobalt/Photoredox Catalysis: Expanding the Landscape of Reductive Coupling Reactions

[PA-147]*

Kakeru Matsukuma, Masanori Tayu, Ryota Itai, Kotaro Imai, Sayaka Ohrai, Nozomi Saito (Meiji Pharmaceutical University)
Sulfide-based Catalytic Indirect Reductive Quenching Promoted Switchable Four- and Five-Component Reactions with Perfect Regioselectivity for Access to Diverse Complex Imides

[PA-148]*

Yoshikatsu Kameda, Shun Suginome, Yoshiaki Nishibayashi (The University of Tokyo)
Catalytic Ammonia Synthesis Using Molybdenum–Oxo Complexes

[PA-149]*

Ema Kadosaka, Hinako Nikawa, Mamoru Ito, Tohru Taniguchi, Kenji Monde, Takanori Shibata (Waseda University)
Enantioselective Synthesis of Axially Chiral 1,8-Diarylnaphthalenes by Rh-Catalyzed [2+2+2] Cycloaddition

[PA-150]*

Ryosuke Ueda, Takuya Kochi, Fumitoshi Kakiuchi (Keio University)
Directed Borylation via Cleavage of Unactivated Secondary C(sp³)–H Bonds by Phenoxyimine Iridium Catalysts at Room Temperature

[PA-151]

Laura Castoldi, Margherita Miele, Vittorio Pace (Università degli Studi di Milano)
Lithium Carbenoids in the Chemoselective Homologation of Heterocumulenes

[PA-152]*

Xiao Luo, Daisuke Kawauchi, Tsuyuka Sugiishi, Hideki Amii (Gunma University)
Evaluation of Reactivity of Several Trifluoromethylborates as a Nucleophilic Trifluoromethylating Agent

[PA-153]*

C. Zandonella, M. Hackey, M. Formica, P. H. S. Paioti, A. H. Hoveyda (University of Strasbourg)
Two Cu(I)-Catalyzed Click Methods that are Mutually Orthogonal to CuAAC

[PA-154]*

Yukitaka Hoshi, Suguru Yoshida (Tokyo University of Science)
Benzofuran Formation by Novel Aryne Reaction via C–C Cleavage of Benzocyclobutenols

[PA-155]*

Hoonchul Choi, Dongwook Kim, Sukbok Chang (KAIST)
Regioselective Hydroamidation of α,β -Unsaturated Esters Enabled by Lewis Acid/Iron Relay Catalysis

[PA-156]*

Konrad Stęsik, Kinga Stefanowska, Adrian Franczyk, Jędrzej Walkowiak (Adam Mickiewicz University)
Synthesis of vinyl- and bisvinylsilanes via hydrosilylation of alkynes and 1,3-diynes in the presence of $[\text{Cp}^*\text{Ru}(\text{MeCN})_3]\text{PF}_6$

[PA-157]*

Hirofumi Okamoto, Yoshihiro Nishimoto, Makoto Yasuda (The University of Osaka)
Synthesis of Aluminum FLP Complexes with Dual Phosphino Group-Substituted Carbon Ligand and Their Catalytic Application

[PA-158]*

Sota Tamaki, Riina Kuwata, Shuto Wakita, Tetsuro Kusamoto, Kazushi Mashima, Hayato Tsurugi (The University of Osaka)
Decarboxylative Functionalization of Carboxylic Acids Catalyzed by Mixed-Metal Ce-Zr-Mn Clusters under Blue LED Irradiation

[PA-159]*

Yuka Iizuka, Koki Obata, Shuichi Nakamura (Nagoya Institute of Technology)
Asymmetric Synthesis of α -Thio-Substituted α -Aminoesters by Cinchona Alkaloid Amide/Zinc(II) Catalysts

[PA-160]*

Jirapa Suthala, Kotohiro Nomura (Tokyo Metropolitan University)
Synthesis of (Arylimido)Vanadium-Alkylidene Complexes Containing *N*-Heterocyclic Carbene Ligands for Olefin Metathesis Reactions

[PA-161]*

Shuyang Zhang, Carl Redshaw, Kotohiro Nomura (Tokyo Metropolitan University)
(Imido)Vanadium Complexes Containing Chelate 2-(Anilidemethyl)-Pyridine Ligands as Efficient Ethylene Dimerization Catalysts

[PA-162]*

Yuto Yamada, Takanori Iwasaki, Kyoko Nozaki (The University of Tokyo)
Chemoselective Hydrogenolysis of Urethanes to Formamides and Alcohols by Iridium Catalyst and its Application to Chemical Recycling of Polyurethanes

[PA-163]

Jiwhan Choi, Kihyuk Sung, Hye-Young Jang (Ajou University)
 CO_2 and Propylene Oxide Polymerization using Zn-Gallate Catalyst

[PA-164]

Qihao Zhang, Zhongxing Huang (The University of Hong Kong)
Design and Synthesis of Recyclable Solid-supported Chiral Spiro-phosphoric Acids

[PA-165]*

Shumpei Nakatsuka, Takumi Kinoshita, Yota Sakakibara, Kei Murakami (Kwansei Gakuin University)
Aminomethylation of unactivated alkenes enabled by α -ammonio radical

[PA-166]*

Mikiko Anzo, Shota Fukuma, Rui Shang, Eiichi Nakamura (The University of Tokyo)
Zinc-Promoted Anionic Spiro Cyclization for Rapid Construction of Spiro-Conjugated Molecules

[PA-167]

Kenichi Michigami, Yosuke Kanda, Yoshiki Otawa, Mitsuhiro Ueda, Masato Ohashi_ (Osaka Metropolitan University)
Net Hydroxyacylation of Aliphatic Alkynes via π -Acid Catalysis and Pd-Catalyzed C(acyl)–O Bond Activation of Enol Carboxylates

[PA-168]*

Felix Wech, Robert R. Fayzullin, Satoshi Takebayashi (Okinawa Institute of Science and Technology)
20-Electron Fe(C₆Me₆)₂: Structure, Coordination Chemistry, and Catalytic Applications

[PA-169]*

Seung Beom Baek, Youngho Kima, Myungeun Seo, Sukbok Chang (KAIST)
Post-Functionalization of Polyethers by Photoinduced Site-Selective C–H Amidation

[PA-170]*

Kenta Iseri, Masaharu Nakamura, Katsuhiro Isozaki (Kyoto University)
Dual Catalysis of Gold Nanocluster: Cooperation of Superatomic Core and Surface Organometallic Staples

[PA-171]

Moe Morimoto, Ryoma Shimazumi, Vishal Kumar Rawat, Hayato Fujimoto, Mamoru Tobisu (The University of Osaka)
NaO^tBu- Mediated β -Arylation of Indanone Derivatives via α -Carbamoylation/ Isocyanate Elimination Sequence

[PA-172]*

Soshi Takeuchi, Ryohei Saito, Kyosuke Ueda, Sota Sekiya, Ryo Takahata, Yoshiyuki Mizuhataa, Makiko Imai, Toshiharu Teranishi, Masaharu Nakamura, Katsuhiro Isozaki (Kyoto University)
Bottom-up Synthesis of Trimetallic Nanoclusters Using Phosphine Protected PdAu₁₂ Clusters as a Precursor

[PA-173]

Yulong Song, Jian Zheng, Shengming Ma (Shejiang University)
Copper-catalyzed 2,5-functionalization of conjugate allenynes

[PA-174]*

Doppalapudi Vineet Kumar, Nitish Kumar Singh, Puneet Gupta, Basker Sundararaju (Indian Institute of Technology Kanpur)
Unusual Reactivity of Pyrimidine, Towards the Transition Metal Catalyzed Synthesis of 6,6,7 N-Centered Perifused Heterocycles

[PA-175]*

Sodai Nishino, Takuya Kurahashi (Kwansei Gakuin University)
Nickel-Photoredox-Catalyzed Coupling of Aryl Halides and Alkenyl Carboxylic Acids

[PA-176]*

Taidong Yao, Ryoyu Hifumi, Ikuyoshi Tomita (Institute of Science Tokyo)
Coordination Polymerization of Unsaturated Monomers by Highly Active Nickel Catalysts Bearing 2,6-Dihydroxybenzoate Ligands

[PA-177]*

Yoshihiro Nishimoto, Ryota Takahashi, Takuma Miyamura, Yasuko Osakada, Mamoru Fujitsuka, Manabu Abe, Makoto Yasuda (The University of Osaka)
A Diverse Array of Photoredox Reactions Catalyzed by Aluminum(III)-Salen Complexes

[PA-178]*

Kotomi Sawada, Rikuro Takahashi, Hajime Ito (Hokkaido University)
Improvement of Si–H Borylation Achieved by Alkene Addition

[PA-179]

Han Yong Bae (Sungkyunkwan University)

Sustainable Catalytic Asymmetric Allylboration of Challenging Substrates: From Water-Accelerated Catalysis to Chiral Bismuth Catalysis

[PA-180]

The Thai Nguyen, Jhao-Yang Wu, Yi-Chou Tsai, Phuong Hoang Tran (Vietnam National University)

Lewis Acidic DABCO⁺-Based Ionic Liquids Immobilized on Silica Gel for Efficient Catalysis in Multicomponent Synthesis of Imidazo[1,2-a]pyridines

[PA-181]*

Moe Kawajiri, Takumi Chiba, Kiyosei Takasu, Yusuke Kuroda (Kyoto University)

Regiodivergent Allylic C–H Alkylation of Allyl Alcohols via an Azo-Ene Reaction

[PA-182]*

Suguru Arij, Zonghan Yu, Hongyu Chen, Harunobu Mitsunuma, Motomu Kanai (The University of Tokyo)

Ion-Pair Hydrogen Atom Transfer Catalysis Enables Cr-Catalyzed Allylation of Ketones Using Hydrocarbon Alkenes

[PA-183]*

Soo Young Kim, Juho Lee, Won Seok Ham, Tae Young Im, Su Young Go, Hong Geun Lee (Seoul National University)

Dual Activation of Organoboron for the Ion-Pair-Mediated Synthesis of Hindered Alkyl Fluorides

[PA-184]

Juho Lee, Hyunho Chung, Hong Geun Lee (Seoul National University)

Forging Carbon–Carbon Bonds from Electrochemically Activated Organoborates

[PA-185]*

Yuto Morita, Jun Takaya (Institute of Science Tokyo)

Synthesis, Structure, and Reactivity of a Dinuclear Rhodium Complex Bearing a Pyridine-tethered Cyclopentadienyl Ligand

[PA-186]*

Natsuki Ishiyama, Hiroaki Matoba, Makoto Yoritate, Ken-ichi Yamada, Go Hirai (Kyushu University)

Synthetic studies of oxidized phospholipids that have prostane structure

[PA-187]*

Go Yamagiwa, Kazuhiko Semba, Jun-ya Hasegawa, Tetsuaki Fujihara (Kyoto University)

Copper-catalyzed Regiodivergent Boracaroxylation of 1,2-Dienes Employing Carbon Dioxide and Diboron Reagents

[PA-188]*

Seunghoon Han, Sungwoo Hong (KAIST)

Dual-Pathway Regiocontrolled Hydrobromination of Unactivated Alkenes: Direct Addition and Chain-Walking

[PA-189]*

Seungho Kim, Seeun Lim, Kyeongmin Lee, Yunmi Lee (Kwangju University)

Regio- and Stereoselective Pd-Catalyzed Negishi Coupling of Aryl Bromides with Allylaluminum Reagents

[PA-190]*

Takumi Kinoshita, Yota Sakakibara, Kei Murakami (Kwansei Gakuin University)

Diversification of ammonium salts via α -ammonio radical

[PA-191]*

Ryo Kajiyama, Hiroaki Uto, Tadashi Takimoto, Takamitsu Hosoya, Takashi Niwa (Kyushu University)

Palladium catalysis and Lewis acids mediated α -arylation of carbonyl compounds

[PA-192]*

Koh Watanabe, Kazunori Nagao, Hirohisa Ohmiya (Kyoto University)

Deoxygenative Geminal Silylboration of Amides Using Silylboronates: Synthesis and Use of α -Boryl- α -Silylalkylamines

[PA-193]*

Nagesh Sankaran, Daniel Sowa Prendes, Julian Löffler, Ivan Martins Barreto, Henning Remm, Ronaldo Nascimento de Oliveira, Viktoria H. Gessner, Lukas J. Gooßen (Ruhr-Universität Bochum)

Diastereoselective Arylation of Bis-Lactim Ethers catalyzed by *N*-coordinating Ylide-Functionalized Phosphine (NYPhos)

[PA-194]*

Yutaka Mondori, Yasuhiro Yamauchi, Yuta Uetake, Hidehiro Sakurai, Yoichi Hoshimoto (The University of Osaka)

Monodentate σ -Accepting Boron-Based Ligands Bearing Square-Planar Ni(0) Centers

[PA-195]*

Zi-Yuan Wang, Rong Zhu (Peking University)

Chain-Growth Synthesis of Extensively Cross-Conjugated Polyenes

[PA-196]

Mirja Md Mahamudul Hassan, Hiroyasu Nakao, Yusuke Nakamura, Moe Toyobe, Masahiro Higashi, Harunobu Mitsunuma, Motomu Kanai (The University of Tokyo)

Photocatalytic Stereodivergent 1,3-Polyol Synthesis from Hydrocarbon Feedstocks

[PA-197]*

Keisuke Kondo, Koji Kubota, Hajime Ito (Hokkaido University)

Mechanochemical activation of metallic lithium enabling rapid generation of organolithium compounds and their applications to organic synthesis

[PA-198]*

Yamato Fukuzawa, Syunta Kumagai, Koji Kubota, Hajime Ito (Hokkaido of Tokyo)

Using mechanochemistry for rapid and straightforward synthesis of palladium-based complexes from poorly soluble palladium salts

[PA-199]*

Hina Shoji, Keisuke Kondo, Koji Kubota, Hajime Ito (Hokkaido University)

Development of highly efficient palladium-catalyzed conjugate arylation based on mechanochemistry-directed ligand design

[PA-200]

Kotaro Kikushima, Yasuyuki Kita, Toshifumi Dohi (Ritsumeikan University)

Silver-Catalyzed Coupling of Diaryliodonium Salts with Trifluoroacetate: Formal Hydroxylation of C–I or C–H Bonds

[PA-201]*

Piotr Andruszak, Maciej Zaranek, Piotr Pawluć (Adam Mickiewicz University)

Cobalt complexes with Schiff base ligands as highly active precatalysts for hydroboration of alkenes and alkynes

[PA-202]*

David Egea-Arrebola, Ke Liu, Stephen P. Fletcher (University of Oxford)

A Branched-Selective Asymmetric Suzuki Coupling

[PA-203]*

Bartłomiej Szarłan, Jakub Robaszkiewicz, Piotr Pawluć, Maciej Zaranek (University of Adam Mickiewicz)

Nickel (II) salen complexes as a cheap alternative for regioselective hydrofunctionalisation of olefins

[PA-204]*

Bo-Wei Guo, Yu-Chih Huang, Meng-Wei Lin, Li-Jie Fu, Ching Tat To (Tunghai University)
Synthesis of Perfluoroalkyl Cobalt(III) Porphyrin Complexes and Direct Perfluoroalkylation of C(sp²)-H Bonds

[PA-205]*

Xinghao Jin, Jilong Lai, Dawei Ma (University of Chinese Academy of Sciences)
Chiral-amide-ligand promoted copper catalyzed enantioselective intramolecular desymmetric C(sp²)-C(sp³) coupling of cyclohexanones

[PA-206]

Hayoung Kim, Seong-hun Kim, Young-hwa Jin, Jeong-Hun Sohn (Chungnam National University)
Construction of Biaryl Scaffolds via Transition-Metal-Free Coupling of Pyrimidylsulfones with Grignard Reagents

[PA-207]*

Lanting Xu, Jiazhou Zhu, Xiaodong Shen, Jiashuang Chai, Lei Shi, Bin Wu, Wei Li, Dawei Ma (SIOC)
6-Hydroxy Picolinohydrazides Promoted Cu(I)-Catalyzed Hydroxylation Reaction