November 18 (Wed)

16:40-18:40 Poster Session B (Rooms C, D, E and F)
PB(C)-01 — PB(C)-90 (Room C)
PB(D)-01 — PB(D)-46 (Room D)
PB(E)-01 — PB(E)-62 (Room E)
PB(F)-01 — PB(F)-58 (Room F)

Room C

PB(C)-01 **Rik Patra, Ankan Kuila, Parag Mistry, Ankit Vashisth, Yashveer Singh, Indranil Chatterjee**
Photoexcitation as a Strategy for Functional Group Editing

PB(C)-02 **Surajit Das, Sabir Ali Molla, Biprajit Paul, Arijit Chakraborty, Nisha Saini, Indranil Chatterjee**
Lewis Acid-Catalysed Electrophilic Activation of [1.1.1]Propellane for the Construction of Spiro and Electron-Rich Cyclobutane Scaffold

PB(C)-03 **M. Clément Wahl, Ismaila Ciss, Vincent Roy, Luigi A. Agrofoglio**
A Convergent Synthetic for C5-Substituted O-DAPy Acyclic Nucleoside Phosphonate Prodrugs: Route Optimization and Scale-Up Development

PB(C)-04 **Motoharu Yamashita, Hinata Dosaki, Ting-Ho Chen, Shinichiro Fuse**
Direct Comparison of Acid Chloride and Oxazolone Electrophilicities under Identical Conditions and Coupling of Sterically Hindered Amino Acids Using Activated Oxazolones

PB(C)-05 **Rohan Bag, Chandan Laru, Debarshi Saha, Rana Banerjee, Prabal Banerjee**
Electroreductive Cross-Coupling of Cyclopropyl Ketones and Aryl Methyl Ketones to Access 1,2,4-Triarylbenzenes via Acid-Promoted Aromatization

PB(C)-06 **Mateja Matišić, David Šterpin, Franko Pahović, Mladena Glavaš, Ivana Nikšić-Franjić, Ivanka Jerić**
Heteroaromatic α-Amino Acids for Probing Carbohydrate Binding

PB(C)-07 **Anthony Lapray, Marie-Aude Hiebel, Sylvain Oudeyer, Franck Suzenet, Jean-François Brière**
Bifunctional 1,2,4-Triazines as Molecular Platforms for the Elaboration of Semisaturated Fused Heterocycles

PB(C)-08 **Sourav Manna, Henric Janning, Nikolaos Tzouras, Jane Sagayaraj, Fadil Mannighayil, Angelino Doppiu, Lukas Goossen**
Unlocking Catalyst Activation as a Critical Bottleneck in Cross-Coupling Reactions: Room-Temperature Couplings of Weak Nucleophiles Enabled by $[Pd(1\text{-}MeNAP)TFA]_2$ Precatalysts

PB(C)-09 **Eva Jaramillo-Cassà, Jesus Rodrigalvarez, Ruben Martin**
Enantioselective, Site-Selective Ni-Catalyzed β- & γ-Alkylation of Unsaturated Amides

PB(C)-10 **Kyoka Saga, Masaki Kuse**
Synthesis of the Natural Biflavonoid Ochnaflavone as a Candidate CHK1 Ligand

PB(C)-11 **Kazuki Hori, Miyu Saito, Karen Shigeta, Shogo Kamo, Kazuyuki Sugita**
Enantioselective Total Synthesis of Citrifelin A via Oxa-Pictet-Spengler Reaction and Acid-Promoted Dihydropyran Formation

PB(C)-12 **Hayato Nakayama, Tsuyuka Sugiishi, Hideki Amii**
Generation and Reactions of Bis(trifluoromethyl)isobenzofuran

PB(C)-14 **Chia-Chien Kao, Tatiana Petrushina, Alexander S. Romanov**
Chalcogens versus Halogens: A Molecular Design Tool to Control Excited State Nature in N^C^C_{alkyl} Pincer Au(III) Complexes

PB(C)-15 **Tomonori Endo, Masayuki Danjo, Kosuke Higashida, Tatsuhiko Yoshino, Shigeki Matsunaga**
Development of Pyridone- or Quinolinone-Tethered Cp Metal Complexes to Facilitate C–H Functionalization

PB(C)-16 **Akira Yada, Koichiro Masuda, Tetsuya Yamamoto, Kwihwan Kobayashi, Hidekazu Sano, Aiichiro Nagaki**
Crystallization-Based Approach to Continuous Manufacturing: A Case Study of Acetaminophen Production

PB(C)-17 **Philip Freund, Mike Pauls, Christoph Bannwarth, Thorsten Bach**
Photochemical Deracemization of (Aza)-Isoindolinones - Critical Influence of the Catalyst

PB(C)-18 **Satysen Yadav, Farhana Afrin, Prabir Manna, Manas K. Ghorai**
Diastereoselective Synthetic Route to 1,3-Dioxo, 2,7-diazaspiro[4.5]decane Derivatives via Domino-Ring Opening-Cyclisation (DROC) of DA-Cyclopropanes with 3-Aminomethyl Maleimides

PB(C)-19 **Takuro Kato, Masahiro Terada, Azusa Kondoh**
Development of Chiral P(III) Radical Trap Reagent for Synthesis of P(V)-Stereogenic Phosphonate Derivatives

PB(C)-20 **Atsuhiro Ikeno, Masahiro Hayakawa, Nonoka Masunaga, Akira Ueda, Takuji Hatakeyama**
Selenium-Induced Curvature Control Enables Polymorphism in Borabuckybowls

PB(C)-21 **Manato Moriguchi, Yuji Koga, Kouki Matsubara, Tsutomu Takashima, Yuichiro Tago**
Preparation of Alkylphosphine Ligands Featuring Flexible and Distally Positioned Aromatic Substituents – Enabling Excellent Application in Suzuki-Miyaura Coupling

PB(C)-22 **Taiki Ichikawa, Yuki Ohishi, Junya Chiba, Masahiko Inouye**
The High Photostability of Rotaxane-Type Bacteriochlorin Photosensitizers Encapsulated by Cyclodextrin Derivatives for Photodynamic Therapy

PB(C)-23 **Kaito Niki, Chihiro Maeda, Natsumi Nitta, Kazuto Takaishi, Tadashi Ema**
Catalytic Synthesis of Enzyme-Degradable Polycarbonate with High Physical Tunability by the Terpolymerization of Epoxide, Oxetane, and CO_2

PB(C)-24 **Muhammad Younus, Yuji Koga, Kouki Matsubara**
A 1,2,3-Triazole-Derived CNC Pincer-Type Mesoionic Carbene Manganese(I) Tricarbonyl Complex Activated by Sodium Triethylborohydride for Efficient Hydrosilylation of Aldehydes and Ketones

PB(C)-25 **Kosei Miyake, Ayane Saiganji, Seika Kimura, Yusuke Oyamada, Shintaro Yamasaki, Naoki Yasukawa, Yu Inatsu, Ichiro Takeuchi, Shuichi Nakamura**
Diastereo- and Enantioselective Synthesis of Chiral Homoallenylamines

PB(C)-26 **Masakazu Tanigawa, Taiki Hashimoto, Masato Ohashi, Yoichi Hoshimoto**
Triarylborane-Catalyzed Solvent-Free Hydrogenation of Indoles

PB(C)-27 **Aika Hirota, Yu Shibata, Toyonobu Usuki**
Total Synthesis of Elastin and Collagen Immature Cross-Linker Lysinonorleucine and Its Isotopically Labeled Lysinonorleucine-D_1,$^{13}C_1$,$^{15}N_1$ for the Quantification

PB(C)-28 **K. Morita, N. Umekubo, K. Tsutsumi, F. Wakita, S. Yokoshima**
Stereoselective Synthesis of Delgocitinib and Its Diastereomer Using Organocatalyzed Michael Addition

PB(C)-29 **Hayato Unokuchi, Hiroaki Imamura, Takumi Imamura, Haruhiko Fuwa**
Studies toward the Total Synthesis of Amphidinolide N

PB(C)-30 **Manuela Voráčová, Elena Andreucci, Alessio Biagioni, Lucia Magnelli, Marija Skvorcova, Paavali Metso, Ashenafi Legehar, Martina Panerai, Henri Xhaard, Andrea Angeli, Fabrizio Carta, Paula Kiuru**
Heteroaromatic Aminophosphonates as Selective Nanomolar Inhibitors of Carbonic Anhydrases IX and XII

PB(C)-31 **Takayuki Watanabe, Rina Katsuta, Kosuke Higashida, Tatsuhiko Yoshino, Shigeki Matsunaga**
Synthesis of Sulfonyl Fluorides from Tertiary Sulfonamides through Me-Iodane-Promoted Methylation

PB(C)-32 **Aira Shayne Paculba, Wei-Cheng Kao, Chung-Hsin Yang, Hsuan-Hung Liao**
Photooxygenation of Silylated Furans into γ-Hydroxybutenolides with Gram-Scale Photo-Flow and Mechanistic Insights from UV-Vis Spectroscopy and DFT Calculations

PB(C)-33 **Barbara Kraus, Matthew Gaunt**
Late-Stage Alkene Homologation as a Tool for the Synthesis of Novel Sanglifehrin A Analogues

PB(C)-34 **Ku Kajikawa, Francisco A. Martins, Ryo Murata, Eiichi Kayahara, Shigeru Yamago, Judy I. Wu, Manabu Abe**
Carbenes Embedded in Cyclic Paraphenylenes: Detection, Ground-State Spin Multiplicity, and Möbius Aromaticity

PB(C)-35 **Koyo Murata, Manabu Abe**
Photoreaction of Singlet 1,3-Diraidcals with π Single Bonding Character

PB(C)-36 **Eigo Fukuda, Seiya Endo, Hiyuma Kurosaki, Yoko Yasuno, Tetsuro Shinada**
Integrated Chemoenzymatic Synthesis of Dolabellane-Type Diterpenes

PB(C)-37 **Takeru Inoue, Yuki Kojima, Kosuke Yasui, Koji Hirano**
Nickel-Catalyzed Arylalkoxylation of Unactivated Alkenes Based on Electrophilic Etherification

PB(C)-38 **Kento Tsukiji, Sena Miura, Naohiko Yoshikai**
Ring-Retentive Allylation of Cyclopropanols via Interception of Enolized Homoenolates by π-Allylpalladium

PB(C)-39 **Masanobu Ogikubo, Koji Hirano, Yuji Nishii**
ipso-Halogenation of Arylsilanes Using Carborane Sulfide Catalyst

PB(C)-40 **Hayato Nishiguchi, Yosuke Sakamoto, Koji Hirano, Yuji Nshii**
Synthesis of Decachlorobenzoperylene by Chlorination and Annulation of [5]Helicene Using Carborane-Sulfide Catalyst

PB(C)-41 **Kenta Igaue, Gaku Miyamoto, Kanticha Jaiyen, Kotohiro Nomura**
Synthesis of Biobased Poly(ester amide)s Consisting of Long-Chain Fatty Acids and Amino Acids as Monomer Unit, Exhibiting Unique Tensile Properties

PB(C)-42 **Sakura Murase, Osamu Hayashida, Takaaki Miyazaki**
Synthesis and Optical Properties of Thieno[2,3-*h*]isoquinoline Imide-Based Boron Complex

PB(C)-43 **Tomonori Yamawaki, Yukihiro Matsuda, Miyu Kashii, Hiroyasu Yamaguchi, Yuichiro Kobayashi**
Construction of Polysulfide-Containing Siloxane Frameworks Using Linear Sulfide Dianions

PB(C)-44 **Keita Komine, Taiga Iwanaga, Hayato Fukuda, Susumi Hatakeyama, Jun Ishihara**
Enantioselective Syntheses of Marine Natural Products by Pd-Catalyzed Asymmetric Desymmetrization to Construct All-Carbon Quaternary Stereogenic Centers

PB(C)-45 **Sota Hoshika, Yu Shibata, Yukie Yokota, Ayaka Suzuki, Tatsuya Okayama, Toyonobu Usuki**
Extraction of Sesquiterpenes from Hiba Using Deep Eutectic Solvents

PB(C)-46 **Ryunosuke Akazawa, Kazuho Ban, Yoshinari Sawama**
Development of d_2-Benzylating Reagents Based on Pyridinium Salt

PB(C)-47 **Alyce Natalie, Tomohiko Nishiuchi, Takashi Kubo**
Synthesis and Properties of Radial π-Cluster Embedding Anthracene Units

PB(C)-48 **So Hyun Jung, Ju Ha Baek, So Young Jang, Yongseok Kwon, Hyeung-geun Park**
Enantioselective Organocatalytic Construction of N-Bridged Tricyclic Normorphan Skeleton: Application to the Total Synthesis of (+)-Peduncularine

PB(C)-49 **Mohamed S. H. Salem, Shinobu Takizawa**
Electrifying Molecular Heteronanographenes: From Electrochemical Bottom-Up Synthesis to Optoelectronic and Photocatalytic Functions

PB(C)-50 **Yusuke Kanesaka, Kenta Tanaka, Hiroyoshi Takamura, Isao Kadota**
Photochemical Thio- and Selenoesterification of Aldehydes via C-H Bromination

PB(C)-51 **Tuvshinjargal Budragchaa, Ibrahim Morgan, Robert Rennert, Ludger A. Wessjohann**
Synthesis of 4-Oxo-1,4-dihydropyridazine Derivatives as Aryl Hydrocarbon Receptor Agonists for Treatment of Triple Negative Breast and Other Cancers

PB(C)-52 **Yuto Ide, Takeshi Yasui, Yoshihiko Yamamoto**
Dearomative Transformation of Pyridines via (5 + 4) Cycloaddition of Oxidopyridinium Yielding Bridged N-Heterocycles

PB(C)-53 **Takuya Sakurai, Ryosuke Tsutsumi, Naoya Kumagai**
TriQuinazoline (TQz): Planarity and Electronic Properties in Discotic Aromatic Molecules with Atomic-Scale Cavity

PB(C)-54 **Masayuki Danjo, Tomonori Endo, Kosuke Higashida, Tatsuhiko Yoshino, Shigeki Matsunaga**
Development of Metal Complexes with Pyridone- or Quinolinone-Tethered Cp Ligands for Efficient C–H Activation

PB(C)-55 **Yasunori Minami**
Main Chain Cleavage of Oxyphenylene-Based Super Engineering Plastics for the Formation of Reusable Products

PB(C)-56 **Kaho Takeuchi, Akihito Konishi, Makoto Yasuda**
Synthesis and Properties of Benzo[*cd*]azulenyl Derivatives

PB(C)-57 **Ibuki Satoh, Kazuhiko Semba, Tetsuaki Fujihara**
Steric Effect of Periphery-Arranged Bulky Phosphites on Ni-Catalyzed Suzuki–Miyaura Cross-Coupling Using 2-Chloropyridine Derivatives

PB(C)-58 **Ryusei Watabe, Akane Yamaji, Reika Murakami, Kyoko Tatsumoto, Haruhiko Fuwa**
Total Synthesis and Complete Configurational Assignment of Leiodolide A

PB(C)-59 **Go Yamagiwa, Kazuhiko Semba, Tetsuaki Fujihara**
Copper-Catalyzed Borylation of 2-Bromostyrenes for Synthesizing 2-Borylstyrenes via Sequential 1,3-Bromine Rearrangement and 1,4-Boron Shift

PB(C)-60 **Michiko Sasaki, Kei Takeda**
Enantioselective Cyanation of Acylsilanes Followed by Brook Rearrangement–Protonation with Stereospecific Inversion Involving α-Nitrile Carbanion Equivalents

PB(C)-61 **David Naderer, Alexander Pötscher, Katharina Eder, Uwe Monkowius, Markus Himmelsbach, Mario Waser**
Organocatalytic Formal (3+2+1)-Cycloaddition of Allenoates, Michael Acceptors and Carbaldehydes

PB(C)-62 **Rintaro Hayakawa, Taisei Matoba, Hayate Ishizuka, Minami Odagi, Kazuo Nagasawa**
Synthesis of a Pactamycin Core by Conjugate Addition–Induced Ring Contraction

PB(C)-63 **Yuto Miura, Taishi Nojima, Akihito Konishi, Makoto Yasuda**
Sn-Catalyzed [2+2] Cycloaddition of Allenone to Access Methylenecyclobutane Framework

PB(C)-64 **Koji Miki, Taito Itoguchi, Ryusei Nakabayashi, Huiying Mu, Kouichi Ohe**
Tetraphenylethene-Based Photoactivatable Intracellular Drug Delivery

PB(C)-65 **Muthu Karuppasamy, Mohamed S. H. Salem, Shinobu Takizawa**
Light-Driven On-Demand *m*CPBA Generation Enables Safe Oxidation of *N*-Sulfonyl Imines

PB(C)-66 **Kanok-on Rayanil, Prangthong Sridaorueng, Watcharapa Jitkaroon, Jitnapa Sirirak**
In Silico Design and Semi-Synthesis of Novel C-3 and C-28 Ursolic Acid Derivatives as Potential Anticancer Agents

PB(C)-67 **Makoto Tamura, Fumitoshi Kakiuchi, Takuya Kochi**
Synthetic Studies of Brevicomin Utilizing Reductive Chain-Walking Cyclization

PB(C)-68 **Zen Nakadate, Yuri Katayama, Yusuke Nakamura, Masaaki Fuki, Yasuhiro Kobori, Masahiro Higashi, Masahiro Kojima, Harunobu Mitsunuma, Motomu Kanai**
Late-Stage Equimolar Fragment Coupling through Catalytic Allylation of Aldehydes with Alkenes via sp^3 C-H Activation

PB(C)-69 **Bosen Huang, Zhe-Yi Liao, Gary Jing Chuang**
Iminopyridine/Naphthyridine-Based Ligands for Iridium-Catalyzed Aromatic C–H Borylation

PB(C)-70 **Ankita Samal, Kalidass Kollimalaian, Venkatakrishnan Parthasarathy**
Synthesis and Characterization of Heptalene-Embedded Tetrabenzoazacorannulene

PB(C)-71 **Yusuke Sasano, Ayari Oshiro, Shu Saito, Yasuyuki Araki, Eunsang Kwon, Yoshiharu Iwabuchi**
Air-Stable Tetrazene Radical Cation Salts: Synthesis, Characterization, Oxidation Catalysts

PB(C)-72 **Yuka Iizuka, Sayuri Okajima, Shuichi Nakamura**
Asymmetric Synthesis of α,β-Diamino Acid Derivatives by a Dinuclear Silver Catalyst

PB(C)-73 **Yu Irie, Harunobu Mitsunuma, Motomu Kanai**
Catalytic Stereodivergent Allylation of Unprotected Aldols

PB(C)-74 **Ryuhei Chiba, Yuki Namba, Takayoshi Arai**
Additive-Controlled Enantioselective Iodolactonization via a Multinuclear Zinc Complex

PB(C)-75 **Manabu Wadamoto, Junichi Shiina**
Scalable Decarboxylative Reductive Coupling for Synthesis of Aromatic Amino Acids: Process Robustness Enhancement via Semi-Batch Operation

PB(C)-76 **Katsuki Takashima, Haruto Nishikawa, Shinsuke Marumoto, Fumihiro Ishikawa, Toshio Morikawa, Genzoh Tanabe**
Total Synthesis of the Bioactive 4,5,6,7,8-Pentasubstituted Geranylated Coumarins Kayeassamin A and Mammeasin A

PB(C)-77 **Kuo-Chun Chiu, Ruo-Ya Huang, Shuo-Hsiang Hsu, Chih-Hsuan Tseng, Chih-Chien Chu**
Decoupling Photon Delivery from Heat Accumulation: A Fiber-Optic Parallel Reactor for Photocatalytic Cascade Annulation to Coumarin-Based Photocages

PB(C)-78 **Hung-Yi Chiang, Shinje Minoza, Chung-Wei Kung, Hsuan-Hung Liao**
Photooxidative Rearrangement of Furans to Oxaspirolactones by Metal–Organic Framework Catalysis

PB(C)-79 **Xiuyuan Hu, Kenji Yamaoka, Ryohei Ikura, Yoshinori Takashima**
Highly Sensitive and Stretchable Strain Sensors Based on Conductive Elastomer Composites

PB(C)-80 **Nandita Ahalyan, Hirak Jyoti Deka, Subal Mondal, Argha Saha, Jhilik Mondal, Nikhil Ranjan Panigrahi, Abhishek Dubey, Ekta Pandey, Kaushal S., Debabrata Maiti**
Iridium Artificial Metalloenzymes Enabled Photo-Enzymatic Radical Indolone Synthesis

PB(C)-81 **Peerawit Samritolarn, Punlop Kuntiyong**
Diastereoselective Synthesis Study of Grandisine A via Chiral Succinimide Approach

PB(C)-82 **Phongsathon Khlongkhlaeo, Sasipa Booranamonthol, Jitnapa Sirirak, Punlop Kuntiyong**
Synthesis and In Silico Anti-Inflammatory Activity Evaluation of Piperlongumine and Its Benzoquinolizidine and Indoloquinolizidine Bioisosteres

PB(C)-85 **Piotr Kwiatkowski, Michał Kopyt, Alicja Połosak, Michał Głowacki, Paweł Gawroński**
Challenging Asymmetric Organocatalytic Reactions under High-Pressure

PB(C)-89 **Seungwan Kim, Hyosik Woo, Sang Hoon Han**
Catalytic C–H Olefination with Ethenesulfonyl Fluoride: A Direct Route to Vinyl Sulfonyl Fluorides for SuFEx Chemistry

PB(C)-90 **Saleem Hafeez, M. Ramu Yadav**
Stereodivergent Access to *E*- and *Z*- Vinylated Oxindoles *via* Pd-Catalyzed C(sp^3)-H Activation/Heck Coupling, and Energy-Transfer Catalysis

Room D

PB(D)-01 **Masaki Shiraishi, Tomomi Kamegai, Iwao Hachiya**
Synthesis of Pyranopyrrol-7-ones Using Dialkynyl Ketones as a Starting Material

PB(D)-02 **Yi-Hua Liu, Chun-Yu Chen, Yen-Ku Wu, Ilhyong Ryu**
Photocatalytic Radical Hydroalkenylation and Hydroalkylation of Alkenes

PB(D)-03 **Riel Iwata, Nagomi Chikatani, Haruka Taniuchi, Taiga Yamada, Teruyuki Komatsu, Haruhiko Fuwa**
Synthesis and Functional Analysis of Photoresponsive Sn-38/Coumarin Conjugates

PB(D)-04 **Daigo Hayashi, Ryo Shintani**
Palladium-Catalyzed Synthesis of Silicon-Tethered Fluorenes via Silacycle-to-Palladacycle Si/Pd Exchange

PB(D)-05 **Tun-Cheng Chien**
Synthetic Studies toward Pyrrole-Pyrrolidine-Containing Alkaloids

PB(D)-06 **Yuto Aoki, Ryoka Hirata, Mao Maeda, Masaaki Nakamoto, Takuya Michiyuki, Takumi Tsushima, Kenji Komaguchi, Hiroto Yoshida**
Stannylation of Aryl Chlorides with Stannylpotassium Reagents

PB(D)-07 **Kakoli Maji, Aniket Mishra, Gu Zhan, Masayoshi Nishiura, Xuefeng Cong, Zhaomin Hou**
Regio- and Enantioselective Hydropyridylation of Heteroatom-Functionalized Internal Alkenes by Half-Sandwich Rare-Earth Catalysts

PB(D)-08 **Seongwoo Bae, Dongwook Kim, Jinwoo Kim**
Substrate-Affinitive P-Type Azapolycyclic Photosensitizer for Chemoselective Nitrilization under Mild Conditions

PB(D)-09 **Minoru Hayashi, Ryusei Ikeda, Miu Hiromitsu, Hidetoshi Ohta**
Synthesis of Various λ^5-Phosphinines via Decarboxylation Strategy

PB(D)-10 **Minori Fukuda, Akihiro Tsurusaki, Daisuke Sakamaki, Hideki Fujiwara, Ken Kamikawa**
Synthesis and Properties of Hexa(azaheliceneyl)benzene Based on Helical π-Blade Assembly

PB(D)-11 **Riko Nakanose, Takashi Kubo, Shun Dekura, Tomoyuki Akutagawa**
Synthesis and Dielectric Response of Hydrogen-Bonded Radical Complexes Exhibiting PCET

PB(D)-12 **Naoki Matsuura, Hironori Okamura, Yusuke Ogura, Hirosato Takikawa**
Synthetic Studies on (±)-Jaspic Acid

PB(D)-13 **Yunosuke Takekawa, Lilian Geniller, Kazunori Nagao, Hirohisa Ohmiya**
Dual Photoredox/Cobalt Catalysis for Markovnikov-Selective Hydroaminoalkylation of Alkenes

PB(D)-14 **Takuma Tagami, Shimozono Kazuki, Nishimoto Nao, Takashi Ohshima**
Protecting Groups as Catalysts for the Direct Synthesis of Primary Amines from Ammonia

PB(D)-15 **Kohei Akashi, Takashi Kubo**
Synthesis and Physical Properties of π-Expanded Phenalenyl Radicals

PB(D)-16 **Jaelim Kim, Sun Hee Kim, Youngmin You, Eunsung Lee**
Carbene-Framework Engineering of Persistent Organic Radicals for Photoinduced NO Release and Redox-Controlled Spin States

PB(D)-17 **Kristof Hintzer, Miriam Jänchen, Chithra Mohan Jayakumari, Cara Kohler Jürgen Hauer, Christopher J. Stein, Thorsten Bach**
Photochemical B-Cl Bond Homolysis within Pyridine-BCl_3 Complexes: A Combined Mechanistic and Synthetic Study

PB(D)-18 **Ayaka Okamoto, Motohiro Yasui, Gen Konyo, Masato Morita, Shigeyuki Yamada, Tsutomu Konno**
Synthesis of Three-Dimensionally Fused Indazolidines via [3+2] Cycloaddition of Indazolium Ylides with Alkenes

PB(D)-19 **Masaki Mori, Tomohiko Nishiuchi, Takashi Kubo**
Synthesis and Properties of Stable Triarylmethyl Radicals with Higher Acenes

PB(D)-20 **Kengo Kasama, Haoyang Dai, Takayuki Yakura**
$Bi(OTf)_3$-Catalyzed Oxidative Cross-Couplings of 3-Hydroxycarbazoles under Oxygen Atmosphere

PB(D)-21 **Miho Matsumoto, Tetsuo Iwanaga**
Synthesis and Spectroscopic Properties of Anthracene Bisimide Derivatives Incorporating Nitrogen-Containing Aromatic Donors through Phenylene Linkers

PB(D)-22 **Tomoyuki Miyazaki, Shun Suginome, Yoshiaki Nishibayashi**
Amino Alcohol Synthesis from N_2 and Ethers

PB(D)-23 **Yuhi Yoshimori, Yamato Ezo, Satoshi Kurumada, Takashi Niwa**
Multiple Weak Interaction-Driven EDA Complex Formation for Aryl Radical Generation

PB(D)-24 **Akihiko Suzuki, Hikaru Tsuda, Tatsuhiko Yoshino, Kosuke Higashida, Shigeki Matsunaga**
Enabling Access to Versatile Polydeuterated Alkyl Scaffolds through Formal H/D Exchange of Alkyl Bromides under Cobalt/Photoredox Dual Catalysis

PB(D)-25 **Ayano Nakamura, Haruki Nagae, Kazuhiro Matsumoto**
Facile Synthesis of (Catecholato)silanes under $B(C_6F_5)_3$ Catalysis and Their Application to Medium-Membered Ring Formation

PB(D)-26 **Shotaro Kishimoto,Tetsuo Iwanaga**
Stepwise Synthesis of a π-Extended 9,10-Bis(phenylethynyl)anthracene Dimer through Selective Desilylation and Sonogashira Coupling

PB(D)-27 **Takuma Ikeda, Ryota Takahashi, Yoshihiro Nishimoto, Makoto Yasuda**
Photocatalytic Three-Component Coupling among Primary Amines, Tertiary Amines, and Alkenes

PB(D)-28 **Yuto Nakamura, Kotoko Makino, Tatsuhiko Yoshino, Kosuke Higashida, Shigeki Matsunaga**
Kinetic Resolution of Cyclopropanes *via* Paddle-Wheel Diruthenium-Catalyzed C(sp^3)–H Amination

PB(D)-29 **Takahiro Yamada, Hiyori Higuchi, Norihiko Takeda, Masafumi Ueda**
Pd/Tl Bimetal-Catalyzed C3–H Arylation of 2,6-Dialkoxypyridine Derivatives

PB(D)-30 **Jueun Kang, Taejung Kim**
Total Synthesis and Stereochemical Assignment of Natural *N*-Acyl *L*-Phenylalanine Derivatives from *Micromonospor*a sp. MS-62

PB(D)-31 **Jinchan Sim, Taejung Kim**
Development of a New Microwave Method for Cannabidiol (CBD) and Δ^9-Tetrahydrocannabinol (THC) Production

PB(D)-32 **Sandip Bag, Amit Dhibar, Sruthi Moorthy, Akhila Ashokan, Basudev Sahoo**
Photocatalytic C–C Bond Azidation and Cyanation of Acyclic Ketones via a Pro-aromatic Intermediate

PB(D)-33 **Maki Minakawa**
Direct Cyclization of Phenols with Allylic Alcohols by Titanium Oxide-Supported Bismuth Trifluoromethansulfonate as a Heterogeneous Catalyst

PB(D)-34 **Yuta Hayashida, Yuna Onozawa, Eisuke Ota, Junichiro Yamaguchi**
Synthetic Study toward Highly Oxidized Limonoids Based on Skeletal Modification of Steroids

PB(D)-35 **Kota Kawanami, Takuto Kohzuma, Takashi Kubo**
Synthetic Study of Tripyridylphenalenyl Radical for Cage-Shaped Supramolecular Assemblies

PB(D)-36 **Shori Hiraki, Tomohiko Nishiuchi, Takashi Kubo**
Synthesis and Properties of Trianthroxylborane

PB(D)-37 **Bálint Nagy, Bálint Varga, Péter Szalai, András Kotschy, Zoltán Novák**
Trifluoromethyl Group Containing Novel Synthetic Building Blocks Derived from HFO Gas

PB(D)-38 **Shunsuke Ijita, Vy M. Dong, Bubwoong Kang**
Regioselective Tsuji–Trost Benzylation of Sugar Derivatives

PB(D)-39 **Christos Giannoudis, Aleksander Bena, Adam Petrik, Trisha Banik, Bartholomäus Pieber**
Enantioselective Nickel-Catalyzed $C(sp^2)$–$C(sp^3)$ Cross-Couplings Enabled By a Chiral Photoactive Ligand

PB(D)-40 **Ikumi Yamamoto, Tatsuhiko Yoshino, Kosuke Higashida, Shigeki Matsunaga**
Synthesis, Characterization, and Catalytic Application of Tetranuclear Gold(I) Complexes Bearing Imidazo[1,5-*b*]pyridazin-7-ylidene Ligands

PB(D)-41 **Chenyi Ma, Shunsuke Ohtani, Kenichi Kato, Tomoki Ogoshi**
Guest-Controlled Topochemical Reaction of Macrocyclic Pillar[5]arene

PB(D)-42 **Nitsan Barel, Yuri Tulchinsky**
π-Acid Catalysis Using Rh(I) Aromatic Pincer Sulfonium Catalyst

PB(D)-43 **Yuta Yoshikawa, Toshiki Murakawa, Shuki Tashiro, Yoko Yasuno, Tetsuro Shinada**
Structure−Activity Relationship Study of Antrimycin A

PB(D)-44 **Seiya Endo, Yoko Yasuno, Tetsuro Shinada**
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PB(F)-05 **Tania Guadalupe Peñaflor Galindo, Christian Nanga Chick, Kunihito Tanaka, Yukie Yokota, Toyonobu Usuki**
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PB(F)-09 **Aoi Sakamoto, Yuji Koga, Kouki Matsubara**
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PB(F)-10 **Song Lei, Shuji Morita, Saya Higashi, Yuuya Kawasaki, Katsuhiko Tomooka, Ryo Irie**
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PB(F)-12 **Hanna Maria Saik, Nupur Goswami, Matthew J. Gaunt**
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PB(F)-13 **Hee Jin Han, Anamika Yadav, Taehun Kim, Jae Eun Lee, Yong Ho Lee**
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PB(F)-23 **Masaharu Takatsuki, Yuta Sato, Tsuyoshi Matsuzaki, Makoto Sako, Atsushi Nakayama, Takeyuki Suzuki, Mitsuhiro Arisawa**
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PB(F)-50 **Shigenobu Umemiya, Sotaro Osaka, Naoya Shinagawa, Takumi Hirata, Masahiro Terada**
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