# Hiroshi Shinokubo

List of Publications by Year
in descending order



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|---|---|---|---|
| 403 papers | 15,327 citations | 17405 63 h-index | 34900 98 g-index |
| 513 all docs | 513 docs citations | 513 times ranked | 8781 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Synthesis and Functionalization of Porphyrins through Organometallic Methodologies. Chemical Reviews, 2017, 117, 2910-3043. | 23.0 | 360 |
| 2 | Metalation of Expanded Porphyrins: A Chemical Trigger Used To Produce Molecular Twisting and MÃ¶bius Aromaticity. Angewandte Chemie - International Edition, 2008, 47, 681-684. | 7.2 | 300 |
| 3 | Water Enables Direct Use of Allyl Alcohol for Tsujiâ^'Trost Reaction without Activators. Organic Letters, 2004, 6, 4085-4088. | 2.4 | 244 |
| 4 | Unambiguous Identification of MÃ¶bius Aromaticity formeso-Aryl-Substituted [28]Hexaphyrins(1.1.1.1.1.1). Journal of the American Chemical Society, 2008, 130, 13568-13579. | 6.6 | 244 |
| 5 | Selective Halogenâ^'Magnesium Exchange Reaction via Organomagnesium Ate Complex. Journal of Organic Chemistry, 2001, 66, 4333-4339. | 1.7 | 240 |
| 6 | A Directly Fused Tetrameric Porphyrin Sheet and Its Anomalous Electronic Properties That Arise from the Planar Cyclooctatetraene Core. Journal of the American Chemical Society, 2006, 128, 4119-4127. | 6.6 | 226 |
| 7 | Powerful Solvent Effect of Water in Radical Reaction:â€‰ Triethylborane-Induced Atom-Transfer Radical Cyclization in Water. Journal of the American Chemical Society, 2000, 122, 11041-11047. | 6.6 | 211 |
| 8 | Nitrogen-embedded buckybowl and its assembly with C60. Nature Communications, 2015, 6, 8215. | 5.8 | 208 |
| 9 | Gramâ€Scale Synthesis of Nickel(II) Norcorrole: The Smallest Antiaromatic Porphyrinoid. Angewandte Chemie - International Edition, 2012, 51, 8542-8545. | 7.2 | 201 |
| 10 | Transition Metalâ€Catalyzed Carbonâ^'Carbon Bond Formation with Grignard Reagents â^' Novel Reactions with a Classic Reagent. European Journal of Organic Chemistry, 2004, 2004, 2081-2091. | 1.2 | 199 |
| 11 | Figuration of bowl-shaped Ï€-conjugated molecules: properties and functions. Materials Chemistry Frontiers, 2018, 2, 635-661. | 3.2 | 195 |
| 12 | Highly Regioselective Ir-Catalyzed Î²-Borylation of Porphyrins via Câ^'H Bond Activation and Construction of Î²â^'Î²-Linked Diporphyrin. Journal of the American Chemical Society, 2005, 127, 8264-8265. | 6.6 | 181 |
| 13 | Halogen-Magnesium Exchange via Trialkylmagnesates for the Preparation of Aryl- and Alkenylmagnesium Reagents. Angewandte Chemie - International Edition, 2000, 39, 2481-2483. | 7.2 | 177 |
| 14 | A Porphyrin Nanobarrel That Encapsulates C<sub>60</sub>. Journal of the American Chemical Society, 2010, 132, 16356-16357. | 6.6 | 173 |
| 15 | Synthesis of Directly Connected BODIPY Oligomers through Suzukiâ€“Miyaura Coupling. Organic Letters, 2011, 13, 2992-2995. | 2.4 | 160 |
| 16 | Synthesis and Biradicaloid Character of Doubly Linked Corrole Dimers. Journal of the American Chemical Society, 2006, 128, 12380-12381. | 6.6 | 159 |
| 17 | An Antiaromatic Electrodeâ€Active Material Enabling High Capacity and Stable Performance of Rechargeable Batteries. Angewandte Chemie - International Edition, 2014, 53, 3096-3101. | 7.2 | 154 |
| 18 | Marriage of porphyrin chemistry with metal-catalysed reactions. Chemical Communications, 2009, , 1011. | 2.2 | 147 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Facile Synthesis of Biphenyl-Fused BODIPY and Its Property. Organic Letters, 2012, 14, 866-869. | 2.4 | 144 |
| 20 | Intermolecular Oxidative Annulation of 2â€Aminoanthracenes to Diazaacenes and Aza[7]helicenes. Angewandte Chemie - International Edition, 2012, 51, 10333-10336. | 7.2 | 143 |
| 21 | Synthesis of Arylated Perylene Bisimides through Câ^'H Bond Cleavage under Ruthenium Catalysis. Organic Letters, 2009, 11, 5426-5429. | 2.4 | 133 |
| 22 | Photoelectrochemical Properties of Doubly Î²-Functionalized Porphyrin Sensitizers for Dye-Sensitized Nanocrystalline-TiO<sub>2</sub> Solar Cells. Journal of Physical Chemistry C, 2008, 112, 16691-16699. | 1.5 | 126 |
| 23 | Cobalt-Catalyzed Three-Component Coupling Reaction of Alkyl Halides, 1,3-Dienes, and Trimethylsilylmethylmagnesium Chloride. Organic Letters, 2003, 5, 3959-3961. | 2.4 | 123 |
| 24 | Oxidative Heck-Type Reaction Involving Cleavage of a Carbonâ^'Phosphorus Bond of Arylphosphonic Acids. Journal of the American Chemical Society, 2003, 125, 1484-1485. | 6.6 | 122 |
| 25 | Triethylborane-Mediated Atom Transfer Radical Cyclization Reaction in Water. Journal of Organic Chemistry, 1998, 63, 8604-8605. | 1.7 | 121 |
| 26 | Regioselective Ruâ€Catalyzed Direct 2,5,8,11â€Alkylation of Perylene Bisimides. Chemistry - A European Journal, 2009, 15, 7530-7533. | 1.7 | 118 |
| 27 | Highly-conducting molecular circuits based on antiaromaticity. Nature Communications, 2017, 8, 15984. | 5.8 | 111 |
| 28 | Triethylborane-Induced Bromine Atom-Transfer Radical Addition in Aqueous Media:Â Study of the Solvent Effect on Radical Addition Reactions. Journal of Organic Chemistry, 2001, 66, 7776-7785. | 1.7 | 110 |
| 29 | Rhodium-Catalyzed [2 + 2 + 2] Cyclotrimerization in an Aqueousâ^'Organic Biphasic System. Journal of the American Chemical Society, 2003, 125, 7784-7785. | 6.6 | 108 |
| 30 | Stacked antiaromatic porphyrins. Nature Communications, 2016, 7, 13620. | 5.8 | 105 |
| 31 | Azabuckybowl-Based Molecular Tweezers as C<sub>60</sub> and C<sub>70</sub> Receptors. Journal of the American Chemical Society, 2018, 140, 6336-6342. | 6.6 | 104 |
| 32 | Palladium-Catalyzed Cross-Coupling Reaction of Organoindiums with Aryl Halides in Aqueous Media. Organic Letters, 2001, 3, 1997-1999. | 2.4 | 102 |
| 33 | Porphyrin Pincer Complexes:â€‰Peripherally Cyclometalated Porphyrins and Their Catalytic Activities Controlled by Central Metals. Journal of the American Chemical Society, 2007, 129, 6392-6393. | 6.6 | 102 |
| 34 | Synthesis of Brominated Directly Fused Diporphyrins through Gold(III)-Mediated Oxidation. Organic Letters, 2006, 8, 4141-4144. | 2.4 | 100 |
| 35 | Iridium-Catalyzed Direct Tetraborylation of Perylene Bisimides. Organic Letters, 2011, 13, 2532-2535. | 2.4 | 99 |
| 36 | Disulfidation of Alkynes and Alkenes with Gallium Trichloride. Organic Letters, 2004, 6, 601-603. | 2.4 | 98 |

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| 37 | Synthesis of Doubly Î²-to-Î² 1,3-Butadiyne-Bridged Diporphyrins: Enforced Planar Structures and Large Two-Photon Absorption Cross Sections. Angewandte Chemie - International Edition, 2007, 46, 5125-5128. | 7.2 | 95 |
| 38 | Synthetic Radical Reactions in Aqueous Media. Synlett, 2002, 2002, 0674-0686. | 1.0 | 93 |
| 39 | A Stable Non-KekulÃ© Singlet Biradicaloid from meso-Free 5,10,20,25-Tetrakis(Pentafluorophenyl)-Substituted [26]Hexaphyrin(1.1.1.1.1.1). Journal of the American Chemical Society, 2010, 132, 7246-7247. | 6.6 | 83 |
| 40 | Reversible Ïƒ-Bond Formation in Bowl-Shaped Ï€-Radical Cations: The Effects of Curved and Planar Structures. Journal of the American Chemical Society, 2018, 140, 4649-4655. | 6.6 | 82 |
| 41 | Hydrosilylation of Alkynes with a Cationic Rhodium Species Formed in an Anionic Micellar System. Organic Letters, 2004, 6, 2217-2220. | 2.4 | 80 |
| 42 | Synthesis of Corrole Derivatives through Regioselective Ir-Catalyzed Direct Borylation. Angewandte Chemie - International Edition, 2005, 44, 6763-6766. | 7.2 | 80 |
| 43 | Unusual Interchromophoric Interactions in Î²,Î²â€² Directly and Doubly Linked Corrole Dimers: Prohibited Electronic Communication and Abnormal Singlet Ground States. Journal of the American Chemical Society, 2009, 131, 6412-6420. | 6.6 | 79 |
| 44 | Functionalization of Boron Dipyrrin (BODIPY) Dyes through Iridium and Rhodium Catalysis: A Complementary Approach to Î±â€•and Î²â€šSubstituted BODIPYs. Chemistry - A European Journal, 2009, 15, 5942-5949. | 1.7 | 79 |
| 45 | Triethylborane-Mediated Hydrogallation and Hydroindation:Â Novel Access to Organogalliums and Organoindiums. Journal of Organic Chemistry, 2003, 68, 6627-6631. | 1.7 | 78 |
| 46 | Boron trifluoride-catalyzed reaction of alkyl fluoride with silyl enolate, allylsilane, and hydrosilane. Tetrahedron Letters, 2004, 45, 2555-2557. | 0.7 | 78 |
| 47 | Doubly Î²-Functionalized Mesoâ^'Meso Directly Linked Porphyrin Dimer Sensitizers for Photovoltaics. Journal of Physical Chemistry C, 2009, 113, 21956-21963. | 1.5 | 78 |
| 48 | Intramolecular [4 + 2] Cycloadditions of Benzynes with Conjugated Enynes, Arenynes, and Dienes. Organic Letters, 2005, 7, 3917-3920. | 2.4 | 77 |
| 49 | Synthesis of Highly Twisted and Fully Ï€-Conjugated Porphyrinic Oligomers. Journal of the American Chemical Society, 2015, 137, 142-145. | 6.6 | 75 |
| 50 | tert-Butyldimethylsilyldihalomethyllithium as a dihalomethylene dianion synthon. 1,3-Rearrangement and 1,4-rearrangement of silyl group from carbon to oxide. Tetrahedron, 1996, 52, 503-514. | 1.0 | 73 |
| 51 | Biaryl Synthesis from Two Different Aryl Halides with Tri(2-furyl)germane. Organic Letters, 2002, 4, 3165-3167. | 2.4 | 73 |
| 52 | Synthesis of Nickel(II) Azacorroles by Pdâ€Catalyzed Amination of Î±,Î±â€²â€Dichlorodipyrrin Ni<sup>II</sup> Complex and Their Properties. Chemistry - A European Journal, 2012, 18, 5919-5923. | 1.7 | 73 |
| 53 | Three-dimensional aromaticity in an antiaromatic cyclophane. Nature Communications, 2019, 10, 3576. | 5.8 | 73 |
| 54 | Reversible Carbonâ€“Carbon Bond Breaking and Spin Equilibria in Bis(pyrimidinenorcorrole). Angewandte Chemie - International Edition, 2016, 55, 13142-13146. | 7.2 | 72 |

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| 55 | Radical Reaction by a Combination of Phosphinic Acid and a Base in Aqueous Media. Bulletin of the Chemical Society of Japan, 2001, 74, 225-235. | 2.0 | 71 |
| 56 | Trialkylmanganate-Induced Cyclization of Allyl 2-Iodophenyl Ether, N,N-Diallyl-2-iodoaniline, and Î±-Iodo Acetal. Journal of Organic Chemistry, 1997, 62, 1910-1911. | 1.7 | 70 |
| 57 | Metalâ€Mediated Synthesis of Antiaromatic Porphyrinoids from a BODIPY Precursor. Angewandte Chemie - International Edition, 2011, 50, 2280-2283. | 7.2 | 70 |
| 58 | Synthesis of Diazo-Bridged BODIPY Dimer and Tetramer by Oxidative Coupling of Î²-Amino-Substituted BODIPYs. Organic Letters, 2014, 16, 3004-3007. | 2.4 | 69 |
| 59 | Triethylborane-Induced Radical Reactions with Gallium Hydride Reagent HGaCl2. Organic Letters, 2001, 3, 1853-1855. | 2.4 | 68 |
| 60 | Enolate formation from cyclopropyl ketones via iodide-induced ring opening and its use for stereoselective aldol reaction. Tetrahedron, 2001, 57, 987-995. | 1.0 | 68 |
| 61 | Reaction of Î±,Î±-Dibromo Oxime Ethers with Grignard Reagents:Â Alkylative Annulation Providing a Pyrimidine Core. Journal of the American Chemical Society, 2002, 124, 9032-9033. | 6.6 | 68 |
| 62 | Regioselective Borylation of Porphyrins by Cï£¿H Bond Activation under Iridium Catalysis to Afford Useful Building Blocks for Porphyrin Assemblies. Chemistry - an Asian Journal, 2007, 2, 849-859. | 1.7 | 68 |
| 63 | Simple and Efficient TiCl4-Mediated Synthesis of Biaryls via Arylmagnesium Compounds. Tetrahedron, 2000, 56, 9601-9605. | 1.0 | 67 |
| 64 | TiCl4â^'n-Bu4NI as a Reducing Reagent:Â Pinacol Coupling and Enolate Formation from Î±-Haloketones. Journal of Organic Chemistry, 2000, 65, 5066-5068. | 1.7 | 67 |
| 65 | Intramolecular Radical Cyclization of 2-Haloethanal Allyl Acetal and Allyl 2-Halophenyl Ether with a Grignard Reagent in the Presence of Iron(II) Chloride. Tetrahedron Letters, 1998, 39, 63-66. | 0.7 | 66 |
| 66 | Radical [3 + 2] Annulation of N-Allyl-N-chlorotosylamide with Alkenes via Atom-Transfer Process. Organic Letters, 2001, 3, 2709-2711. | 2.4 | 65 |
| 67 | Intermolecular Rhodium-Catalyzed Carbometalation/Heck-Type Reaction in Water. Angewandte Chemie - International Edition, 2006, 45, 6336-6338. | 7.2 | 65 |
| 68 | Dimeric Assemblies from 1,2,3-Triazole-Appended Zn(II) Porphyrins with Control of NH-Tautomerism in 1,2,3-Triazole. Organic Letters, 2008, 10, 549-552. | 2.4 | 65 |
| 69 | Pt(II)- and Pt(IV)-Bridged Cofacial Diporphyrins via Carbonâ^'Transition Metal Ïƒ-Bonds. Journal of the American Chemical Society, 2008, 130, 14440-14441. | 6.6 | 64 |
| 70 | 2,5â€Thienyleneâ€Bridged Triangular and Linear Porphyrin Trimers. Angewandte Chemie - International Edition, 2008, 47, 6004-6007. | 7.2 | 61 |
| 71 | Directly Pd(II)-Bridged Porphyrin Belts with Remarkable Curvatures. Journal of the American Chemical Society, 2010, 132, 11868-11869. | 6.6 | 61 |
| 72 | Oxidative Annulation of Î²â€Aminoporphyrins into Pyrazineâ€Fused Diporphyrins. Angewandte Chemie - International Edition, 2012, 51, 2894-2897. | 7.2 | 59 |

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| 73 | Facile Peripheral Functionalization of Porphyrins by Pd-Catalyzed [3+2] Annulation with Alkynes. Angewandte Chemie - International Edition, 2006, 45, 7972-7975. | 7.2 | 58 |
| 74 | Et3B-Induced Radical Addition ofN,N-Dichlorosulfonamide to Alkenes and Pyrrolidine Formation via Radical Annulation. Journal of Organic Chemistry, 2003, 68, 3246-3250. | 1.7 | 57 |
| 75 | Phosphane-Free Rhodium Catalyst in an Anionic Micellar System for[4+2] Annulation of Dienynes. Angewandte Chemie - International Edition, 2004, 43, 1860-1862. | 7.2 | 57 |
| 76 | Bis-rhodium hexaphyrins: metalation of [28]hexaphyrin and a smooth HÃ¼ckel aromaticâ€“antiaromatic interconversion. Chemical Communications, 2009, , 3762. | 2.2 | 57 |
| 77 | Cobalt-Mediated Mizoroki-Heck-Type Reaction of Epoxide with Styrene. Advanced Synthesis and Catalysis, 2004, 346, 1631-1634. | 2.1 | 56 |
| 78 | mesoâ€Thiaporphyrinoids Revisited: Missing of Sulfur by Small Metals. Chemistry - A European Journal, 2012, 18, 16129-16135. | 1.7 | 56 |
| 79 | Highly Stereoselective Coupling Reaction of Acrolein or Vinyl Ketone with Aldehydes. Organic Letters, 1999, 1, 1383-1385. | 2.4 | 55 |
| 80 | Radical Cyclization Reaction Using a Combination of Phosphinic Acid and a Base in Aqueous Ethanol. Chemistry Letters, 2000, 29, 104-105. | 0.7 | 55 |
| 81 | A Stable Organic Radical Delocalized on a Highly Twisted Ï€â€…System Formed Upon Palladium Metalation of a MÃ¶bius Aromatic Hexaphyrin. Angewandte Chemie - International Edition, 2010, 49, 1489-1491. | 7.2 | 55 |
| 82 | Intramolecular Tandem Michael-Type Addition/Aldol Cyclization Induced by TiCl4â^'R4NX Combinations. Organic Letters, 2002, 4, 3111-3114. | 2.4 | 54 |
| 83 | mesoâ€Aryl Substituted Rubyrin and Its Higher Homologues: Structural Characterization and Chemical Properties. Chemistry - A European Journal, 2008, 14, 2668-2678. | 1.7 | 53 |
| 84 | Reactions ofgem-Dibromo Compounds with Trialkylmagnesate Reagents to Yield Alkylated Organomagnesium Compounds. Chemistry - A European Journal, 2002, 8, 1730-1740. | 1.7 | 52 |
| 85 | Formation of Organomagnesium Compounds via EtMgBr-Mediated Radical Cyclization of Allyl Î²-Iodoacetals. Organic Letters, 2000, 2, 651-653. | 2.4 | 51 |
| 86 | Synthesis of Oxygen-Substituted Hexa-peri-hexabenzocoronenes through Ir-Catalyzed Direct Borylation. Organic Letters, 2012, 14, 2472-2475. | 2.4 | 50 |
| 87 | Alkylative Preparation ofÎ±-Silylalkylmagnesium from R3SiCHBr2 Using a Magnesate Reagent. Angewandte Chemie - International Edition, 2001, 40, 2085-2087. | 7.2 | 49 |
| 88 | Triethylborane-induced radical reactions with gallium- and indium hydrides. Tetrahedron, 2003, 59, 6627-6635. | 1.0 | 49 |
| 89 | Dialkylation of gem-dibromocyclopropanes with trialkylmanganate and manganese(II) chloride-catalyzed reaction with alkylmagnesium bromide. Tetrahedron Letters, 1996, 37, 5377-5380. | 0.7 | 48 |
| 90 | Radical addition of 2-iodoalkanamide or 2-iodoalkanoic acid to alkenols using a water-soluble radical initiator in water. A facile synthesis of Î³-lactones. Tetrahedron Letters, 1999, 40, 519-522. | 0.7 | 48 |

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| 91 | Reaction of Titanate-Type Aldehyde Enolate with Ketones To Provide 3-Hydroxyaldehydes. Journal of the American Chemical Society, 1999, 121, 9465-9466. | 6.6 | 48 |
| 92 | Remarkable Rate Acceleration of Pd(0)-Catalyzed Hydrogermylation of Alkynes and Dienes in Water. Organic Letters, 2001, 3, 2521-2524. | 2.4 | 48 |
| 93 | Radical Addition of 2-Iodoalkanamide or 2-Iodoalkanoic Acid to Alkenes with a Water-Soluble Radical Initiator in Aqueous Media: Facile Synthesis of Î³-Lactones. Bulletin of the Chemical Society of Japan, 2001, 74, 1963-1970. | 2.0 | 48 |
| 94 | Isolation of a 1,4-diketone intermediate in oxidative dimerization of 2-hydroxyanthracene and its conversion to oxahelicene. Chemical Communications, 2015, 51, 4607-4610. | 2.2 | 47 |
| 95 | Shaping Antiaromatic Ï€â€Systems by Metalation: Synthesis of a Bowlâ€Shaped Antiaromatic Palladium Norcorrole. Angewandte Chemie - International Edition, 2017, 56, 11822-11825. | 7.2 | 46 |
| 96 | Supramolecular assemblies of a nitrogen-embedded buckybowl dimer with C<sub>60</sub>. Chemical Science, 2018, 9, 819-824. | 3.7 | 46 |
| 97 | A Room Temperature Kharasch Reaction Catalyzed by Pd(0) in a Heterogeneous Aqueous System. Advanced Synthesis and Catalysis, 2002, 344, 261-265. | 2.1 | 45 |
| 98 | Large Porphyrin Squares from the Selfâ€Assembly of mesoâ€Triazoleâ€Appended <scp>L</scp>â€Shaped mesoâ€“mesoâ€Linked Zn<sup>II</sup>â€“Triporphyrins: Synthesis and Efficient Energy Transfer. Chemistry - A European Journal, 2010, 16, 5052-5061. | 1.7 | 45 |
| 99 | Functionalization of a Simple Dithienylethene via Palladium-Catalyzed Regioselective Direct Arylation. Organic Letters, 2011, 13, 6394-6397. | 2.4 | 45 |
| 100 | Synthesis of a figure-eight azahelicene dimer with high emission and CPL properties. Organic Chemistry Frontiers, 2017, 4, 664-667. | 2.3 | 45 |
| 101 | tert-Butyldimethylsilyldichloromethyllithium as a dichloromethylene dianion synthon. 1,3-rearrangement of silyl group from carbon to oxide. Tetrahedron Letters, 1993, 34, 1951-1954. | 0.7 | 44 |
| 102 | Nearâ€IR Absorbing Nickel(II) Porphyrinoids Prepared by Regioselective Insertion of Silylenes into Antiaromatic Nickel(II) Norcorrole. Angewandte Chemie - International Edition, 2014, 53, 1506-1509. | 7.2 | 44 |
| 103 | Diversity-oriented synthesis of tetrathia[8]circulenes by sequential Câ€“H borylation and annulation. Chemical Communications, 2015, 51, 16944-16947. | 2.2 | 44 |
| 104 | Allylmanganation and diallylation of acetylenic compounds. Tetrahedron, 1997, 53, 5061-5072. | 1.0 | 43 |
| 105 | Oxidation of 2-amino-substituted BODIPYs providing pyrazine-fused BODIPY trimers. Chemical Communications, 2014, 50, 2715-2717. | 2.2 | 43 |
| 106 | Regioselective Nucleophilic Functionalization of Antiaromatic Nickel(II) Norcorroles. Angewandte Chemie - International Edition, 2015, 54, 8454-8457. | 7.2 | 43 |
| 107 | NIR mechanochromic behaviours of a tetracyanoethylene-bridged hexa-peri-hexabenzocoronene dimer and trimer through dissociation of Câ€“C bonds. Journal of Materials Chemistry C, 2017, 5, 5310-5315. | 2.7 | 43 |
| 108 | A facile preparation of alkenyl- and allenylmetallic compounds by means of iodine-metal exchange and their use in organic synthesis. Tetrahedron, 1995, 51, 11681-11692. | 1.0 | 42 |

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| 109 | Synthesis of a pyridine-fused porphyrinoid: oxopyridochlorin. Chemical Communications, 2009, , 1028. | 2.2 | 42 |
| 110 | The Importance of a Î²-Î² Bond for Long-Range Antiferromagnetic Coupling in Directly Linked Copper(II) and Silver(II) Diporphyrins. Angewandte Chemie - International Edition, 2005, 44, 6899-6901. | 7.2 | 41 |
| 111 | Synthetic protocol for diarylethenes through Suzukiâ€“Miyaura coupling. Chemical Communications, 2011, 47, 7149. | 2.2 | 41 |
| 112 | Chemoâ€•and Regioselective Reduction of 5,15â€Ðiazaporphyrins Providing Antiaromatic Azaporphyrinoids. Chemistry - A European Journal, 2016, 22, 3956-3961. | 1.7 | 41 |
| 113 | Radical Cyclization of Allyl 2-Iodophenyl Ether,N,N-Diallyl-2-iodoaniline, and 2-Iodoethanal Acetal by Means of Trialkylmanganate(II). Bulletin of the Chemical Society of Japan, 1997, 70, 2039-2049. | 2.0 | 40 |
| 114 | TiCl4â^'n-Bu4NX (X = I, Br, and Cl) Combination-Induced Coupling of Î±,Î²-Unsaturated Ketones with Aldehydes. Journal of Organic Chemistry, 2001, 66, 7854-7857. | 1.7 | 40 |
| 115 | Synthesis of Tetraaza[8]circulenes from Tetrathia[8]circulenes through an S<sub>N</sub>Ar-Based Process. Organic Letters, 2017, 19, 2718-2721. | 2.4 | 40 |
| 116 | Inserting Nitrogen: An Effective Concept To Create Nonplanar and Stimuli-Responsive Perylene Bisimide Analogues. Journal of the American Chemical Society, 2019, 141, 19807-19816. | 6.6 | 40 |
| 117 | A highly effective aldol reaction mediated by Ti(O-n-Bu)4/t-BuOK combined reagent. Tetrahedron Letters, 2000, 41, 4415-4418. | 0.7 | 39 |
| 118 | Synthesis of Chiral Porphyrins through Pdâ€Catalyzed [3+2]â€…Annulation and Heterochiral Selfâ€Assembly. Angewandte Chemie - International Edition, 2008, 47, 5378-5381. | 7.2 | 39 |
| 119 | Metathesisâ€like Splitting Reactions of Metallated [36]Octaphyrins(1.1.1.1.1.1.1.1): Experimental and Computational Investigations. Chemistry - A European Journal, 2009, 15, 5674-5685. | 1.7 | 39 |
| 120 | Porphyrin â€œLego Blockâ€•Strategy To Construct Directly mesoâ€“Î² Doubly Linked Porphyrin Rings. Angewandte Chemie - International Edition, 2010, 49, 3617-3620. | 7.2 | 39 |
| 121 | A Î²-to-Î² 2,5-thienylene-bridged cyclic porphyrin tetramer: its rational synthesis and 1â€‰:â€‰2 binding mode with C60. Chemical Science, 2011, 2, 748. | 3.7 | 39 |
| 122 | Reduction of Organic Halides with Tri-2-Furanylgermane: Stoichiometric and Catalytic Reaction. Synlett, 1999, 1999, 1415-1416. | 1.0 | 38 |
| 123 | Determinant Factors of Three-Dimensional Aromaticity in Antiaromatic Cyclophanes. Journal of the American Chemical Society, 2021, 143, 10676-10685. | 6.6 | 38 |
| 124 | Lewis Acid-Induced Chemo- and Stereoselective Allylation of Î±-Iodo Mixed Acetal with Allylsilane. Journal of Organic Chemistry, 1997, 62, 6429-6431. | 1.7 | 37 |
| 125 | Manganese-catalyzed Phenylation of Acetylenic Compounds with a Phenyl Grignard Reagent. Chemistry Letters, 1998, 27, 11-12. | 0.7 | 37 |
| 126 | Et3B-Induced Hydrogermylation of Alkenes and Silyl Enol Ethers. Organic Letters, 2000, 2, 1911-1914. | 2.4 | 37 |

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| 127 | From Alkenylsilanes to Ketones with Air as the Oxidant. Angewandte Chemie - International Edition, 2003, 42, 825-827. | 7.2 | 37 |
| 128 | Dinaphthothiepine Bisimide and Its Sulfoxide: Soluble Precursors for Perylene Bisimide. Journal of the American Chemical Society, 2020, 142, 11663-11668. | 6.6 | 37 |
| 129 | Manganese-catalyzed reaction of gem-dibromoalkanes with Grignard reagents. Selective synthesis of alkenylsilanes. Tetrahedron Letters, 1997, 38, 3275-3278. | 0.7 | 36 |
| 130 | Enolate Formation from Î±-Iodoaldehydes and Î±-Iodoketones by Means of Allylsilaneâ^'Titanium Tetrachloride and Its Application to an Aldol Reaction. Journal of Organic Chemistry, 1998, 63, 4558-4560. | 1.7 | 36 |
| 131 | An Unprecedented Coupling Reaction of Arylmagnesium Compounds with Tetrahydrofuran Providing 2-Aryltetrahydrofuran Mediated by an Iodoalkane-EtMgBr System. Synlett, 1999, 1999, 1582-1584. | 1.0 | 36 |
| 132 | Facile Synthesis of Acylsilanes via Aerobic Oxidation ofgem-Disilylalkylcopper Compounds. Journal of the American Chemical Society, 2001, 123, 11109-11110. | 6.6 | 36 |
| 133 | Porphyrin Synthesis in Water Provides New Expanded Porphyrins with Direct Bipyrrole Linkages:Â Isolation and Characterization of Two Heptaphyrins. Journal of the American Chemical Society, 2006, 128, 6568-6569. | 6.6 | 36 |
| 134 | The reductive aromatization of naphthalene diimide: a versatile platform for 2,7-diazapyrenes. Chemical Communications, 2018, 54, 5177-5180. | 2.2 | 36 |
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