# Fumitoshi Shibahara

List of Publications by Year
in descending order



| 58 | 2,723 | 186265 28 | 175258 52 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 84 | 84 | 84 | 2118 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Synthesis and properties of thieno[2,3-d:5,4-dâ€™]bisthiazoles and their oxidized derivatives: Thionyl chloride as a sulfurative ring-fusing reagent towards thiophene-based ring-fused heteroaromatic compounds. Tetrahedron, 2021, 83, 131978. | 1.9 | 6 |
| 2 | Imidazo[1,5-a]pyridinylidenes as Ï€-Accepting NHC Ligands in Catalysis. Chemistry Letters, 2021, 50, 1892-1900. | 1.3 | 7 |
| 3 | Transfer Semihydrogenation of Alkynes Catalyzed by Imidazo[1,5-a]pyrid-3-ylideneâ€“Pd Complexes: Positive Effects of Electronic and Steric Features on N-Heterocyclic Carbene Ligands. Bulletin of the Chemical Society of Japan, 2020, 93, 332-337. | 3.2 | 15 |
| 4 | Direct Functionalizations of Carbon-Hydrogen Bonds Catalyzed by Palladium/Bidentate Nitrogen-based Ligand Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 776-790. | 0.1 | 0 |
| 5 | Selenolactams as Synthetic Intermediates for the Synthesis of Polycyclic Amines via Seleno-Claisen Rearrangements. Journal of Organic Chemistry, 2018, 83, 3078-3089. | 3.2 | 10 |
| 6 | Chelationâ€Assisted Î²â€Selective Direct Câ^'H Bond Arylation of 2â€Thienylthioamide Catalyzed by Palladiumâ€“1,10â€Phenanthroline Complexes. Asian Journal of Organic Chemistry, 2018, 7, 1323-1326. | 2.7 | 8 |
| 7 | Synthesis of Chiral Selenazolines from N-Acyloxazolidinones via a Selenative Rearrangement of Chiral Cyclic Skeletons. Organic Letters, 2018, 20, 5826-5830. | 4.6 | 20 |
| 8 | Imidazo[1,5-a]pyridin-3-ylidenes as Ï€-accepting carbene ligands: substituent effects on properties of N-heterocyclic carbenes. Organic and Biomolecular Chemistry, 2017, 15, 1810-1820. | 2.8 | 39 |
| 9 | The First Selenium Isologues of 2-Pyrones and Coumarins: Synthesis, Structures, and Reactions. Chemistry Letters, 2017, 46, 1017-1019. | 1.3 | 8 |
| 10 | 1-Substituted-imidazo[1,5-a]pyridin-3-ylidenes as Highly Efficient Ligands for Rh- and Ir-catalyzed Transfer Hydrogenation of Carbonyl Compounds. Chemistry Letters, 2016, 45, 1327-1329. | 1.3 | 15 |
| 11 | Pd/phenanthroline-catalyzed arylative cyclization of o-(1-alkynyl)thioanisoles: synthesis of 3-arylated benzo[b]thiophenes. Tetrahedron Letters, 2016, 57, 2945-2948. | 1.4 | 31 |
| 12 | Rhodium(I) and iridium(I) imidazo[1,5-a]pyridine-1-ylalkylalkoxy complexes: Synthesis, characterization and application as catalysts forÂhydrosilylation of alkynes. Journal of Organometallic Chemistry, 2015, 794, 76-80. | 1.8 | 17 |
| 13 | Direct Câ€“H Bond Arylation of Thienyl Thioamides Catalyzed by Pdâ€“Phenanthroline Complexes. Organic Letters, 2015, 17, 5392-5395. | 4.6 | 37 |
| 14 | Copperâ€Catalyzed Cï£¿H Bond Direct Chalcogenation of Aromatic Compounds Leading to Diaryl Sulfides, Selenides, and Diselenides by Using Elemental Sulfur and Selenium as Chalcogen Sources Under Oxidative Conditions. Chemistry - an Asian Journal, 2014, 9, 237-244. | 3.3 | 84 |
| 15 | Facile Synthetic Method for Diverse Polyfunctionalized Imidazoles by Means of Pd-Catalyzed Câ€“H Bond Arylation of N-Methyl-4,5-dibromoimidazole. Journal of Organic Chemistry, 2014, 79, 7185-7192. | 3.2 | 40 |
| 16 | Diastereoâ€and Regioselective Addition of Thioamide Dianions to Imines and Aziridines: Synthesis of NThioacylâ€1,2â€diamines and NThioacylâ€1,3â€diamines. Chemistry - A European Journal, 2013, 19, 304-313. | 3.3 | 19 |
| 17 | Direct Cï£¿H Arylation of Heteroarenes Catalyzed by Palladium/ Nitrogenâ€Based Ligand Complexes. Asian Journal of Organic Chemistry, 2013, 2, 624-636. | 2.7 | 88 |
| 18 | Synthesis and Characterization of Boron Complexes of Imidazo[1,5-a]pyridylalkyl Alcohols. Chemistry Letters, 2013, 42, 828-830. | 1.3 | 26 |

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|---|---|---|---|
| 19 | Imidazo[1,5-a]pyridine-1-ylalkylalcohols: synthesis via intramolecular cyclization of N-thioacyl 1,2-aminoalcohols and their silyl ethers and molecular structures. Organic and Biomolecular Chemistry, 2012, 10, 4943. | 2.8 | 19 |
| 20 | One-pot Sequential Direct Câ€“H Bond Arylation of Azoles Catalyzed by [Pd(phen)2](PF6)2: Synthetic Methods for Triarylated Azoles. Journal of Organic Chemistry, 2012, 77, 8815-8820. | 3.2 | 69 |
| 21 | Palladium-Catalyzed Câ€“H Bond Direct Alkynylation of 5-Membered Heteroarenes: A Well-Defined Synthetic Route to Azole Derivatives Containing Two Different Alkynyl Groups. Journal of Organic Chemistry, 2012, 77, 5381-5388. | 3.2 | 78 |
| 22 | Direct Arylation of Simple Azoles Catalyzed by 1,10-Phenanthroline Containing Palladium Complexes: An Investigation of C4 Arylation of Azoles and the Synthesis of Triarylated Azoles by Sequential Arylation. Journal of Organic Chemistry, 2011, 76, 2680-2693. | 3.2 | 122 |
| 23 | 1-Alkynyl- and 1-Alkenyl-3-arylimidazo[1,5-a]pyridines: Synthesis, Photophysical Properties, and Observation of a Linear Correlation between the Fluorescent Wavelength and Hammett Substituent Constants. Journal of Organic Chemistry, 2011, 76, 6146-6158. | 3.2 | 70 |
| 24 | Direct Sequential C3 and C1 Arylation Reaction of Imidazo[1,5-a]pyridine Catalyzed by a 1,10-Phenanthrolineâ€“Palladium Complex. Chemistry Letters, 2011, 40, 939-940. | 1.3 | 47 |
| 25 | Sequential One-pot Reactions of Thioformates with Lithium Silylacetylides, Arylmagnesium Halides, and Electrophiles Leading to Formation of Propargyl Sulfides. Chemistry Letters, 2011, 40, 70-71. | 1.3 | 11 |
| 26 | Development of Organic Reactions by Means of Oxidative or Reductive Activation of Sulfur Atom. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 28-37. | 0.1 | 5 |
| 27 | (Selenocarbamoyl)silanes and -germanes: Their Synthesis Using (Selenocarbamoyl)lithium and Characterization. Organometallics, 2010, 29, 2400-2402. | 2.3 | 14 |
| 28 | Direct multiple Câ€“H bond arylation reaction of heteroarenes catalyzed by cationic palladium complex bearing 1,10-phenanthroline. Chemical Communications, 2010, 46, 2471. | 4.1 | 190 |
| 29 | Synthesis of 1,3-diarylated imidazo[1,5-a]pyridines with a combinatorial approach: metal-catalyzed cross-coupling reactions of 1-halo-3-arylimidazo[1,5-a]pyridines with arylmetal reagents. Tetrahedron, 2009, 65, 5062-5073. | 1.9 | 79 |
| 30 | Iodine-mediated cyclization of N-thioacyl-1-(2-pyridyl)-1,2-aminoalcohols and their subsequent condensation leading to the formation of novel bis(1-imidazo[1,5-a]pyridyl)arylmethanes. Chemical Communications, 2009, , 7009. | 4.1 | 27 |
| 31 | Synthesis of Fluorescent 1,3-Diarylated Imidazo[1,5-a]pyridines: Oxidative Condensationâ^'Cyclization of Aryl-2-Pyridylmethylamines and Aldehydes with Elemental Sulfur as an Oxidant. Journal of Organic Chemistry, 2009, 74, 3566-3568. | 3.2 | 117 |
| 32 | Direct Thionation and Selenation of Amides Using Elemental Sulfur and Selenium and Hydrochlorosilanes in the Presence of Amines. Organic Letters, 2009, 11, 3064-3067. | 4.6 | 76 |
| 33 | Diene Hydroacylation from the Alcohol or Aldehyde Oxidation Level via Ruthenium-Catalyzed Câ^'C Bond-Forming Transfer Hydrogenation: Synthesis of Î²,Î³-Unsaturated Ketones. Journal of the American Chemical Society, 2008, 130, 14120-14122. | 13.7 | 185 |
| 34 | Ruthenium-Catalyzed Câ^'C Bond Forming Transfer Hydrogenation: Carbonyl Allylation from the Alcohol or Aldehyde Oxidation Level Employing Acyclic 1,3-Dienes as Surrogates to Preformed Allyl Metal Reagents. Journal of the American Chemical Society, 2008, 130, 6338-6339. | 13.7 | 182 |
| 35 | Formation of Câ€“C Bonds via Ruthenium-catalyzed Transfer Hydrogenation: Carbonyl Addition from the Alcohol or Aldehyde Oxidation Level. Chemistry Letters, 2008, 37, 1102-1107. | 1.3 | 80 |
| 36 | Copper-catalyzed Oxidative Desulfurization-promoted Intramolecular Cyclization of Thioamides Using Molecular Oxygen as an Oxidant: An Efficient Route to Five- to Seven-membered Nitrogen-containing Heterocycles. Chemistry Letters, 2008, 37, 646-647. | 1.3 | 25 |

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|---|---|---|---|
| 37 | Synthesis of 1,1â€²-Binaphthyl-2,2â€²-diyl Phosphoroselenoic Ammonium Salts and Their Conversion to Optically Active Dialkyl Diselenides. Chemistry Letters, 2007, 36, 852-853. | 1.3 | 15 |
| 38 | Copper-catalyzed oxidative desulfurizationâ€“oxygenation of thiocarbonyl compounds using molecular oxygen: an efficient method for the preparation of oxygen isotopically labeled carbonyl compounds. Chemical Communications, 2007, , 2354-2356. | 4.1 | 39 |
| 39 | Synthesis of 2-Azaindolizines by Using an Iodine-Mediated Oxidative Desulfurization Promoted Cyclization ofN-2-Pyridylmethyl Thioamides and an Investigation of Their Photophysical Properties. Organic Letters, 2006, 8, 5621-5624. | 4.6 | 115 |
| 40 | Synthesis of 1,1â€²-Binaphthyl-2,2â€²-diyl Phosphoroselenoic Amides and Their Conversion to Optically Pure Phosphoramidites. Chemistry Letters, 2006, 35, 1424-1425. | 1.3 | 23 |
| 41 | N-Thioacyl 1,3-Amino Alcohols: Synthesis via Ring-Opening of Oxiranes with Thioamide Dianions and Applications as Key Intermediates Leading to Stereochemically Defined 5,6-Dihydro-4H-1,3-oxazines and 1,3-Amino Alcohols.. ChemInform, 2006, 37, no. | 0.0 | 0 |
| 42 | Comparison of two preparative methods: a polymer-supported catalyst by metal-complexation with a polymeric ligand or by polymerization of a metal complex. Green Chemistry, 2005, 7, 256. | 9.0 | 17 |
| 43 | N-Thioacyl 1,3-Amino Alcohols:Â Synthesis via Ring-Opening of Oxiranes with Thioamide Dianions and Applications as Key Intermediates Leading to Stereochemically Defined 5,6-Dihydro-4H-1,3-oxazines and 1,3-Amino Alcohols. Journal of Organic Chemistry, 2005, 70, 8148-8153. | 3.2 | 45 |
| 44 | Iodo-Cyclization of N-Homoallyl Thioamides Leading to 2,4-Diaryl-5,6-dihydro-4H-1,3-thiazines.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 45 | Palladium(II)-Catalyzed Sequential Hydroxylationâ€”Carboxylation of Biphenyl Using Formic Acid as a Carbonyl Source.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 46 | Palladium(II)-Catalyzed Sequential Hydroxylationâ€™Carboxylation of Biphenyl Using Formic Acid as a Carbonyl Source. Organic Letters, 2004, 6, 2437-2439. | 4.6 | 48 |
| 47 | Iodo-cyclization ofN-Homoallyl Thioamides Leading to 2,4-Diaryl-5,6-dihydro-4H-1,3-thiazines. Chemistry Letters, 2004, 33, 508-509. | 1.3 | 31 |
| 48 | Asymmetric Hydroformylation Catalyzed by Highly Cross-Linked Polystyrene-Supported (R,S)â€”BINAPHOSâ€”Rh(I) Complexes.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 49 | High-Pressure IR Studies on the Asymmetric Hydroformylation of Styrene Catalyzed by Rh(I)-(R,S)-BINAPHOS. Organometallics, 2003, 22, 594-600. | 2.3 | 58 |
| 50 | Solvent-Free Asymmetric Olefin Hydroformylation Catalyzed by Highly Cross-Linked Polystyrene-Supported (R,S)-BINAPHOSâ€™Rh(I) Complex. Journal of the American Chemical Society, 2003, 125, 8555-8560. | 13.7 | 119 |
| 51 | Asymmetric Hydroformylation Catalyzed by Highly Cross-Linked Polystyrene-Supported (R,S)-BINAPHOS-Rh(I) Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2003, 61, 694-705. | 0.1 | 5 |
| 52 | Asymmetric hydroformylation with highly crosslinked polystyrene-supported (R,S)-BINAPHOSâ€“Rh(I) complexes: the effect of immobilization position. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1825-1827. | 2.2 | 36 |
| 53 | Substituent Effect in Asymmetric Hydroformylation of Olefins Catalyzed by Rhodium(I) Complexes of (R,S)-BINAPHOS Derivatives: A Protocol for Improvement of Regio- and Enantioselectivities. Advanced Synthesis and Catalysis, 2001, 343, 61-63. | 4.3 | 55 |
| 54 | Alternating copolymerization of Ï‰-perfluoroalkyl-1-alkenes with carbon monoxide catalyzed by homogeneous and polymer-supported Pd-complexes. Canadian Journal of Chemistry, 2001, 79, 593-597. | 1.1 | 8 |

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| 55 | Alternating copolymerization of <FONT FACE="SYMBOl">w</FONT>-perfluoroalkyl-1-alkenes with carbon monoxide catalyzed by homogeneous and polymer-supported Pd-complexes. Canadian Journal of Chemistry, 2001, 79, 593-597. | 1.1 | 17 |
| 56 | Vapor-Phase Asymmetric Hydroformylation. Chemistry Letters, 2000, 29, 694-695. | 1.3 | 17 |
| 57 | Asymmetric Hydroformylation of Olefins in Highly Crosslinked Polymer Matrixes. Bulletin of the Chemical Society of Japan, 1999, 72, 1911-1918. | 3.2 | 50 |
| 58 | Asymmetric Hydroformylation of Olefins in a Highly Cross-Linked Polymer Matrix. Journal of the American Chemical Society, 1998, 120, 4051-4052. | 13.7 | 159 |