# Shinichi Saito

List of Publications by Year
in descending order

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| 136 | 5,733 | 81900 | 85541 |
|---|---|---|---|
| papers | citations | 39 h-index | 71 g-index |

| 191 | 191 | 191 | 4130 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent Advances in the Transition-Metal-Catalyzed Regioselective Approaches to Polysubstituted Benzene Derivatives. Chemical Reviews, 2000, 100, 2901-2916. | 47.7 | 1,064 |
| 2 | Self-Assembly of Cationic, Tetranuclear, Pt(II) and Pd(II) Macrocyclic Squares. x-ray Crystal Structure of [Pt2+(dppp)(4,4'-bipyridyl).cntdot.2-OSO2CF3]4. Journal of the American Chemical Society, 1995, 117, 6273-6283. | 13.7 | 457 |
| 3 | Nickel-Mediated Regio- and Chemoselective Carboxylation of Alkynes in the Presence of Carbon Dioxide. Journal of Organic Chemistry, 1999, 64, 3975-3978. | 3.2 | 147 |
| 4 | Nickel-Catalyzed Intermolecular [3 + 2 + 2] Cocyclization of Ethyl Cyclopropylideneacetate and Alkynes. Journal of the American Chemical Society, 2004, 126, 10540-10541. | 13.7 | 133 |
| 5 | A New Palladium-Catalyzed Benzannulation of Conjugated Enynes. Journal of the American Chemical Society, 1996, 118, 3970-3971. | 13.7 | 122 |
| 6 | Nickel-Catalyzed Three-Component [3+2+2] Cocyclization of Ethyl Cyclopropylideneacetate and Alkynesâ€"Selective Synthesis of Multisubstituted Cycloheptadienes. Angewandte Chemie - International Edition, 2006, 45, 2446-2449. | 13.8 | 120 |
| 7 | Synthesis of [2]Rotaxanes by the Catalytic Reactions of a Macrocyclic Copper Complex. Organic Letters, 2006, 8, 5133-5136. | 4.6 | 117 |
| 8 | Involvement of Dicationic Species as the Reactive Intermediates in Gattermann, Houben-Hoesch, and Friedel-Crafts Reactions of Nonactivated Benzenes. Journal of the American Chemical Society, 1995, 117, 3037-3043. | 13.7 | 109 |
| 9 | Novel [3+2] Cycloaddition of Alkylidenecyclopropanes with Aldehydes Catalyzed by Palladium. Angewandte Chemie - International Edition, 2001, 40, 1298-1300. | 13.8 | 104 |
| 10 | Synthesis of [2]Catenanes by Oxidative Intramolecular Diyne Coupling Mediated by Macrocyclic Copper(I) Complexes. Angewandte Chemie - International Edition, 2009, 48, 504-507. | 13.8 | 91 |
| 11 | Copper-catalyzed coupling of aryl halides and nitrite salts: a mild Ullmann-type synthesis of aromatic nitro compounds. Tetrahedron Letters, 2005, 46, 4715-4717. | 1.4 | 86 |
| 12 | Palladium-Catalyzed Addition of Alcohol Pronucleophiles to Alkylidenecyclopropanes. Journal of Organic Chemistry, 2001, 66, 270-275. | 3.2 | 84 |
| 13 | Synthesis of Nineâ€Membered Carbocycles by the [4+3+2]â€...Cycloaddition Reaction of Ethyl Cyclopropylideneacetate and Dienynes. Angewandte Chemie - International Edition, 2010, 49, 1830-1833. | 13.8 | 81 |
| 14 | Palladium-Catalyzed Hydroalkoxylation of Methylenecyclopropanes. Angewandte Chemie - International Edition, 1999, 38, 3365-3367. | 13.8 | 77 |
| 15 | Palladium-catalyzed [3+2] cycloaddition of alkylidenecyclopropanes with imines. Tetrahedron Letters, 2001, 42, 6203-6205. | 1.4 | 77 |
| 16 | Friedel-Crafts-type reaction of benzaldehyde with benzene. Diprotonated benzaldehyde as the reactive intermediate.. Journal of the American Chemical Society, 1995, 117, 11081-11084. | 13.7 | 75 |
| 17 | Planar Catechin Analogues with Alkyl Side Chains:Â A Potent Antioxidant and an Î±-Glucosidase Inhibitor. Journal of the American Chemical Society, 2006, 128, 6524-6525. | 13.7 | 73 |
| 18 | Ruthenium-Catalyzed Cycloisomerization of 2-Alkynylanilides: Synthesis of 3-Substituted Indoles by 1,2-Carbon Migration. Journal of the American Chemical Society, 2017, 139, 7749-7752. | 13.7 | 71 |

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| 19 | Friedel-Crafts-Type Cyclodehydration of 1,3-Diphenyl-1-propanones. Kinetic Evidence for the Involvement of Dication. Journal of the American Chemical Society, 1994, 116, 2312-2317. | 13.7 | 68 |
| 20 | Nickel(0)-Catalyzed [2 + 2] Annulation of Electron-Deficient Allenes. Highly Regioselective Synthesis of Cyclobutanes. Journal of the American Chemical Society, 2000, 122, 10776-10780. | 13.7 | 68 |
| 21 | [3+2] Cross-Coupling Reactions of Aziridines with Isocyanates Catalyzed by Nickel(II) Iodide. Organic Letters, 2006, 8, 379-382. | 4.6 | 66 |
| 22 | Nickel-Catalyzed [3 + 2 + 2] Cycloaddition of Ethyl Cyclopropylideneacetate and Heteroatom-Substituted Alkynes: Application to Selective Three-Component Reaction with 1,3-Diynes. Journal of Organic Chemistry, 2010, 75, 480-483. | 3.2 | 64 |
| 23 | Nickel-Catalyzed Intermolecular [3 + 2 + 2] Cocyclization of Ethyl Cyclopropylideneacetate and Alkynes. Synthesis of Seven-Membered Carbocycles. Journal of Organic Chemistry, 2007, 72, 9114-9120. | 3.2 | 63 |
| 24 | Ruthenium-Catalyzed (Z)-Selective Hydroboration of Terminal Alkynes with Naphthalene-1,8-diaminatoborane. Journal of the American Chemical Society, 2019, 141, 17042-17047. | 13.7 | 60 |
| 25 | Nickel-catalyzed [3+2+2] cycloaddition of ethyl cyclopropylideneacetate and diynes. Synthesis of 7,6- and 7,5-fused bicyclic compounds. Tetrahedron Letters, 2007, 48, 3173-3176. | 1.4 | 58 |
| 26 | Suzukiâ€“Miyaura Cross-Coupling of 1,8-Diaminonaphthalene (dan)-Protected Arylboronic Acids. ACS Catalysis, 2020, 10, 352-357. | 11.2 | 56 |
| 27 | Hydrofurylation of Alkylidenecyclopropanes Catalyzed by Palladium. Journal of the American Chemical Society, 2000, 122, 2661-2662. | 13.7 | 55 |
| 28 | Highly Regioselective Cyclotrimerization of 1-Perfluoroalkylenynes Catalyzed by Nickel. Journal of Organic Chemistry, 2001, 66, 796-802. | 3.2 | 53 |
| 29 | Nickel(0)-Catalyzed Dimerization of Ethyl Cyclopropylideneacetates. Journal of Organic Chemistry, 2002, 67, 4911-4915. | 3.2 | 53 |
| 30 | Cycloaddition Reaction of 2-Vinylazetidines with Benzyne: A Facile Access to 1-Benzazocine Derivatives. Organic Letters, 2012, 14, 4506-4509. | 4.6 | 50 |
| 31 | Addition of Heteroaromatics to Alkylidenecyclopropanes Catalyzed by Palladium. Journal of Organic Chemistry, 2002, 67, 3445-3449. | 3.2 | 49 |
| 32 | Ring expansion reactions of ethyl cyclopropylideneacetate and benzosilacyclobutenes: formal Ïƒ bond cross metathesis. Tetrahedron Letters, 2010, 51, 6028-6030. | 1.4 | 49 |
| 33 | Synthesis of Vinylcycloheptadienes by the Nickel-Catalyzed Three-Component [3 + 2 + 2] Cocyclization. Application to the Synthesis of Polycyclic Compounds. Journal of Organic Chemistry, 2009, 74, 3323-3329. | 3.2 | 47 |
| 34 | Nickel-catalyzed [4+3] cycloaddition of ethyl cyclopropylideneacetate and 1,3-dienes. Tetrahedron Letters, 2007, 48, 595-598. | 1.4 | 46 |
| 35 | Mechanistic Origin of Chemo- and Regioselectivity of Nickel-Catalyzed [3 + 2 + 2] Cyclization Reaction. Journal of the American Chemical Society, 2013, 135, 14508-14511. | 13.7 | 46 |
| 36 | Synthesis of Phthalides and 3,4-Dihydroisocoumarins Using the Palladium-Catalyzed Intramolecular Benzannulation Strategy. Journal of Organic Chemistry, 2002, 67, 2653-2658. | 3.2 | 45 |

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| 37 | Niâ€Catalyzed [4+3+2] Cycloaddition of Ethyl Cyclopropylideneacetate and Dienynes: Scope and Mechanistic Insights. Chemistry - A European Journal, 2013, 19, 3415-3425. | 3.3 | 44 |
| 38 | â€˜Anti-Wackerâ€™-type hydroalkoxylation of diynes catalyzed by palladium(0). Tetrahedron Letters, 2002, 43, 1085-1088. | 1.4 | 43 |
| 39 | Effect of Methyl Substitution on the Antioxidative Property and Genotoxicity of Resveratrol. Chemical Research in Toxicology, 2008, 21, 282-287. | 3.3 | 43 |
| 40 | Synthesis of [2]Rotaxanes by the Copper-Mediated Threading Reactions of Aryl Iodides with Alkynes. Organic Letters, 2013, 15, 2684-2687. | 4.6 | 37 |
| 41 | Selective Synthesis of Eight-Membered Cyclic Ureas by the [6 + 2] Cycloaddition Reaction of 2-Vinylazetidines and Electron-Deficient Isocyanates. Organic Letters, 2009, 11, 5438-5441. | 4.6 | 36 |
| 42 | Synthesis of Mechanically Planar Chiral rac-[2]Rotaxanes by Partitioning of an Achiral [2]Rotaxane: Stereoinversion Induced by Shuttling. Organic Letters, 2017, 19, 4347-4350. | 4.6 | 36 |
| 43 | Template Synthesis of [2]Rotaxanes with Large Ring Components and Tris(biphenyl)methyl Group as the Blocking Group. The Relationship between the Ring Size and the Stability of the Rotaxanes. Journal of Organic Chemistry, 2006, 71, 7477-7480. | 3.2 | 34 |
| 44 | Synthesis and Structure of Dinuclear Silver(I) and Palladium(II) Complexes of 2,7-Bis(methylene)naphthalene-Bridged Bis-N-Heterocyclic Carbene Ligands. Organometallics, 2011, 30, 1366-1373. | 2.3 | 34 |
| 45 | Synthesis of rotacatenanes by the combination of Cu-mediated threading reaction and the template method: the dual role of one ligand. Chemical Communications, 2014, 50, 204-206. | 4.1 | 34 |
| 46 | Synthesis of [3]Rotaxanes that Utilize the Catalytic Activity of a Macrocyclic Phenanthrolineâ€“Cu Complex: Remarkable Effect of the Length of the Axle Precursor. Chemistry - A European Journal, 2015, 21, 2139-2145. | 3.3 | 34 |
| 47 | [5 + 2] Cycloaddition Reaction of 2-Vinylaziridines and Sulfonyl Isocyanates. Synthesis of Seven-Membered Cyclic Ureas. Journal of Organic Chemistry, 2012, 77, 2142-2148. | 3.2 | 33 |
| 48 | Ni-catalyzed [3+2+2] cycloaddition of ethyl cyclopropylideneacetate and 1,3-diynes. Application to the three-component cycloaddition. Tetrahedron Letters, 2009, 50, 1143-1145. | 1.4 | 32 |
| 49 | (Z)-Selective Hydrosilylation of Terminal Alkynes with HSiMe(OSiMe<sub>3</sub>)<sub>2</sub> Catalyzed by a Ruthenium Complex Containing an N-Heterocyclic Carbene. Organic Letters, 2017, 19, 5204-5207. | 4.6 | 32 |
| 50 | Nickel(0)-Catalyzed Unprecendented Zipper Annulation of Certain Conjugated Enynes. Journal of the American Chemical Society, 2000, 122, 1810-1811. | 13.7 | 31 |
| 51 | First Synthesis of Exomethylene Paracyclophanes and Their Structural Properties. Journal of Organic Chemistry, 1997, 62, 5042-5047. | 3.2 | 30 |
| 52 | Synthesis of Large [2]Rotaxanes. The Relationship between the Size of the Blocking Group and the Stability of the Rotaxane. Journal of Organic Chemistry, 2013, 78, 3553-3560. | 3.2 | 30 |
| 53 | First synthesis and stereochemistry of enantiomerically pure spiroselenurane and spirotellurane using the 2-exo-hydroxy-10-bornyl group as a chiral ligand. Tetrahedron: Asymmetry, 1998, 9, 3303-3317. | 1.8 | 28 |
| 54 | Palladium-catalyzed addition of ketones to alkylidenecyclopropanes. Tetrahedron Letters, 2002, 43, 2903-2907. | 1.4 | 28 |

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| 55 | Synthesis of interlocked compounds utilizing the catalytic activity of macrocyclic phenanthrolineâ€“Cu complexes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 437-451. | 1.6 | 28 |
| 56 | Palladium-Catalyzedcross-Benzannulation of Aminoenynes with Diynes. Highly Regioselective Synthesis of Polysubstituted Anilines. Journal of Organic Chemistry, 2000, 65, 4338-4341. | 3.2 | 27 |
| 57 | Synthesis of [3]Rotaxanes by the Combination of Copper-Mediated Coupling Reaction and Metal-Template Approach. Journal of Organic Chemistry, 2015, 80, 7536-7546. | 3.2 | 27 |
| 58 | Superacid-Catalyzed Reaction of Substituted Benzaldehydes with Benzene. Journal of Organic Chemistry, 1996, 61, 8089-8093. | 3.2 | 26 |
| 59 | Synthesis of allenes via palladium catalysed addition of certain activated methynes to conjugated enzynes. Chemical Communications, 1996, , 17. | 4.1 | 25 |
| 60 | Rutheniumâ€Catalyzed Cycloisomerization of 2â€Alkynylstyrenes via 1,2â€Carbon Migration That Leads to Substituted Naphthalenes. Chemistry - A European Journal, 2018, 24, 11545-11549. | 3.3 | 25 |
| 61 | Diastereoselective Synthesis and Stereochemical Research of Optically Pure Telluronium Salts. Journal of Organic Chemistry, 1998, 63, 5423-5429. | 3.2 | 24 |
| 62 | Palladium catalyzed addition of carbon pronucleophiles to conjugated enynes. Tetrahedron, 1997, 53, 9097-9106. | 1.9 | 23 |
| 63 | Synthesis, Structure and Catalytic Activity of Macrocyclic NHC Pd Pincer Complexes. Heterocycles, 2009, 79, 531. | 0.7 | 22 |
| 64 | Synthesis and Shuttling Behavior of [2]Rotaxanes with a Pyrrole Moiety. Journal of Organic Chemistry, 2016, 81, 3479-3487. | 3.2 | 22 |
| 65 | Synthesis of Tricyclic Benzazocines by Aza-Prins Reaction. Organic Letters, 2017, 19, 266-269. | 4.6 | 22 |
| 66 | Synthesis of lactone-fused pyrroles by ruthenium-catalyzed 1,2-carbon migration-cycloisomerization. Organic and Biomolecular Chemistry, 2020, 18, 81-85. | 2.8 | 22 |
| 67 | Enhanced Reactivity of Electron-Deficient Enynes in the Palladium-Catalyzedhomo-Benzannulation of Conjugated Enynes. Journal of Organic Chemistry, 2000, 65, 5350-5354. | 3.2 | 20 |
| 68 | Structures and Reactivities of Ethylene Dication Electrophiles. Journal of the American Chemical Society, 1996, 118, 6220-6224. | 13.7 | 19 |
| 69 | Synthesis of 3-Methylenepyrrolidines by Palladium-catalyzed [3+2] Cycloaddition of Alkylidenecyclopropanes with Imines. Heterocycles, 2003, 61, 247. | 0.7 | 19 |
| 70 | Sequence-Selective Synthesis of Rotacatenane Isomers. Journal of Organic Chemistry, 2016, 81, 1175-1184. | 3.2 | 19 |
| 71 | Platinum(0)â^'Enyne Complexes:â€‰ The Platinum Analogue of an Intermediate in the Palladium(0)-Catalyzed Benzannulation of Conjugated Enynes. Organometallics, 2000, 19, 3740-3743. | 2.3 | 18 |
| 72 | First synthesis of bidentate NHCâ€“Pd complexes with anthracene and xanthene skeletons. Tetrahedron Letters, 2007, 48, 7498-7501. | 1.4 | 18 |

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| 73 | Synthesis and Characterization of Silver and Palladium Complexes with Xanthene-Based N-Heterocyclic Carbeneâ^'Oxazoline Ligands. Organometallics, 2010, 29, 6291-6297. | 2.3 | 18 |
| 74 | Preparation of Shape-Persistent Macrocycles with a Single Pyridine Unit by Double Cross-Coupling Reactions of Aryl Bromides and Alkynes. Journal of Organic Chemistry, 2011, 76, 10299-10305. | 3.2 | 17 |
| 75 | A ruthenium tellurocarbonyl (CTe) complex with a cyclopentadienyl ligand: systematic studies of a series of chalcogenocarbonyl complexes [CpRuCl(CE)(H<sub>2</sub>IMes)] (E = O, S, Se, Te). Dalton Transactions, 2017, 46, 44-48. | 3.3 | 17 |
| 76 | Induction of Syndecan-4 by Organicâ€"Inorganic Hybrid Molecules with a 1,10-Phenanthroline Structure in Cultured Vascular Endothelial Cells. International Journal of Molecular Sciences, 2017, 18, 352. | 4.1 | 17 |
| 77 | Acidic and Basic Hydrolysis of an Optically Pure Spiro-Î»4-sulfurane:Â Completely Opposite Stereochemical Outcome. Journal of the American Chemical Society, 1998, 120, 1631-1632. | 13.7 | 16 |
| 78 | HI-Mediated Cyclization ofo-Alkynylstyrenes. Chemistry Letters, 2000, 29, 722-723. | 1.3 | 16 |
| 79 | Copper-Catalyzed Synthesis of Esters from Ketones. Alkyl Group as a Leaving Group. Organic Letters, 2008, 10, 2067-2070. | 4.6 | 16 |
| 80 | Synthesis of monocyclic nine-membered compounds by the [4+3+2] cycloaddition-bond cleavage strategy. Tetrahedron Letters, 2013, 54, 3507-3509. | 1.4 | 16 |
| 81 | Synthesis of (E)-1,2-Divinyl-1,2-diethynylethene (DVDEE) via the Palladium-Catalyzed Reaction of Conjugated Diynes. A New Building Block for Molecular Scaffolding. Journal of the American Chemical Society, 2002, 124, 924-925. | 13.7 | 15 |
| 82 | Efficient Synthesis of Seven-membered Rings by the Nickel-catalyzed Cycloaddition Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 974-982. | 0.1 | 15 |
| 83 | Intramolecular base-accelerated radical-scavenging reaction of a planar catechin derivative bearing a lysine moiety. Chemical Communications, 2009, , 6180. | 4.1 | 15 |
| 84 | Acid-Mediated Ring-Expansion Reaction ofN-Aryl-2-vinylazetidines: Synthesis and Unanticipated Reactivity of Tetrahydrobenzazocines. Journal of Organic Chemistry, 2014, 79, 4367-4377. | 3.2 | 15 |
| 85 | Cytotoxicity of zinc, copper and rhodium complexes with 1,10-phenanthroline or 2,9-dimethyl-1,10-phenanthroline in cultured vascular endothelial cells. Fundamental Toxicological Sciences, 2016, 3, 109-113. | 0.6 | 15 |
| 86 | Stereochemical Research on the Hydrolysis of Optically Pure Spirosulfuranes:â€‰ Efficient Synthesis of Chiral Sulfoxides with Completely Opposite Stereochemistry. Journal of Organic Chemistry, 1998, 63, 9375-9384. | 3.2 | 14 |
| 87 | Synthesis, Structure, and Solventâ€Induced Spontaneous Homochiral Assembly of Bidentate Bis(N,Nâ€²â€diarylâ€Nâ€heterocyclic carbene)â€Palladium Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 4861-4865. | 2.0 | 14 |
| 88 | A Macrocyclic Phenanthrolineâ€"Copper Complex with Less Steric Hindrance: Synthesis, Structure, and Application to the Synthesis of a [2]Rotaxane. Bulletin of the Chemical Society of Japan, 2015, 88, 1323-1330. | 3.2 | 14 |
| 89 | Synthesis of a Homochiral [2]Rotaxane from a BINOL-derived Macrocyclic Phenanthroline. Chemistry Letters, 2015, 44, 1509-1511. | 1.3 | 14 |
| 90 | First stereoselective synthesis of enantiomerically pure telluronium salts by the reaction of chiral halooxatelluranes with Grignard reagents. Tetrahedron: Asymmetry, 1997, 8, 3357-3361. | 1.8 | 13 |

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| 91 | Palladium(0)-Catalyzed Cross-Benzannulation between Conjugated Enynes. Reactivity-Controlled Synthesis of Multifunctionalized Benzenes. Organic Letters, 2000, 2, 3853-3855. | 4.6 | 13 |
| 92 | Isolation and Stereochemical Studies of a Cyclic Alkoxysulfonium Salt, an Important Intermediate in the Nucleophilic Reaction of Chlorooxasulfuranes. Journal of Organic Chemistry, 1998, 63, 5265-5267. | 3.2 | 12 |
| 93 | A systematic 125Te NMR study of organotellurium compounds: The effect of oxidation states and substituents. Tetrahedron, 1999, 55, 2545-2552. | 1.9 | 12 |
| 94 | Synthesis of Interlocked Compounds by Utilizing Bond-forming Reactions Mediated by Macrocyclic Phenanthroline-Cu Complexes. Chemistry Letters, 2017, 46, 904-912. | 1.3 | 12 |
| 95 | Preparation of functionalized metacyclophanes by intramolecular benzannulation of bisenynes. Tetrahedron Letters, 2000, 41, 4201-4204. | 1.4 | 11 |
| 96 | Ruthenium-catalyzed Hydrative Dimerization of Allenes. Chemistry Letters, 2005, 34, 504-505. | 1.3 | 11 |
| 97 | Cyclooligomerization and Cycloisomerization of Alkenes and Alkynes. , 2005, , 171-204. | | 11 |
| 98 | Synthesis of Rhodiumâ€“Primary Thioamide Complexes and Their Desulfurization Leading to Rhodium Sulfido Cubane-Type Clusters and Nitriles. Organometallics, 2014, 33, 5414-5422. | 2.3 | 11 |
| 99 | Palladium-catalyzed benzannulation of conjugated enynes. Enhanced reactivity of alkoxycarbonyl- and cyanoenynes. Tetrahedron Letters, 1999, 40, 7529-7532. | 1.4 | 10 |
| 100 | Palladium-Catalyzed Benzannulation of Conjugated Enynes in Fluorous Biphasic System. Chemistry Letters, 2001, 30, 444-445. | 1.3 | 10 |
| 101 | 9-Nitroanthracene derivative as a precursor of anthraquinone for photodynamic therapy. Bioorganic and Medicinal Chemistry, 2007, 15, 3869-3873. | 3.0 | 10 |
| 102 | Thermal and catalytic isomerization of exomethylenecycloheptadienes. Experimental and theoretical studies. Tetrahedron, 2009, 65, 10631-10636. | 1.9 | 9 |
| 103 | ( Z )â€Selective Hydrosilylation and Hydroboration of Terminal Alkynes Enabled by Ruthenium Complexes with an Nâ€Heterocyclic Carbene Ligand. Chemical Record, 2021, , . | 5.8 | 9 |
| 104 | Dynamic Auâ€“C Ïƒ-Bonds Leading to an Efficient Synthesis of [n]Cycloparaphenylenes (n =) Tj ETQq0 0 0 rgBT /Overlock | 7.9 | 9 |
| 105 | Synthesis and Structure of Novel Haloselenuraneâ”Lewis Acid Complexes. Journal of Organic Chemistry, 1998, 63, 6029-6030. | 3.2 | 8 |
| 106 | Synthesis and structure of bidentate NHC-metal complexes with xanthene skeleton: the formation of cis and trans complexes. Tetrahedron, 2012, 68, 8931-8936. | 1.9 | 8 |
| 107 | Evaluation of the Steric Bulk of Substituents Utilizing the Shuttling Behavior of [2]Rotaxanes with Nâ€Arylpyrrole Moieties. European Journal of Organic Chemistry, 2019, 2019, 3412-3420. | 2.4 | 8 |
| 108 | New Benzannulation Reactions of Conjugated Enynes.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2001, 59, 346-354. | 0.1 | 7 |

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| 109 | Synthesis and properties of phenylogous amides. Tetrahedron, 2012, 68, 8450-8456. | 1.9 | 7 |
| 110 | Synthesis of [2]Catenanes by Intramolecular Sonogashira-Type Reaction. Journal of Organic Chemistry, 2017, 82, 6118-6124. | 3.2 | 7 |
| 111 | Phenanthroline based rotaxanes: recent developments in syntheses and applications. RSC Advances, 2022, 12, 11318-11344. | 3.6 | 6 |
| 112 | FIRST DIASTEREOSELECTIVE SYNTHESIS OF ENANTIOMERICALLY PURE SELENONIUM SALTS BY REACTION OF CHIRAL HALOSELENURANES WITH GRIGNARD REAGENTS. Synthetic Communications, 2001, 31, 2441-2446. | 2.1 | 5 |
| 113 | Palladium-Catalyzed Benzannulation Reactions of Conjugated Enynes and Diynes. , 0, , 1635-1646. | | 5 |
| 114 | Development of New Cycloaddition Reactions Based on the Unique Reactivity of Unsaturated Hydrocarbons. Chemical and Pharmaceutical Bulletin, 2005, 53, 1069-1076. | 1.3 | 5 |
| 115 | Halogen Exchange Reaction of Optically Pure Halotelluranes. Heterocycles, 1997, 46, 373. | 0.7 | 5 |
| 116 | Synthesis and Systematic Structural Analysis of Cationic Halfâ€Sandwich Ruthenium Chalcogenocarbonyl Complexes. Chemistry - A European Journal, 2020, 26, 3795-3802. | 3.3 | 4 |
| 117 | Synthesis and properties of anionic ruthenium thionitrosyl and selenonitrosyl complexes that contain tetraanionic 2-hydroxybenzamidobenzene ligands. Dalton Transactions, 2020, 49, 613-624. | 3.3 | 4 |
| 118 | Optically Pure Chalcogenuranes. Synthesis and Stereochemical Research of Their Reactions.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1999, 57, 587-597. | 0.1 | 4 |
| 119 | The Aza-Prins Reaction of 1,2-Dicarbonyl Compounds with 3-Vinyltetrahydroquinolines: Application to the Synthesis of Polycyclic Spirooxindole Derivatives. Journal of Organic Chemistry, 2021, 86, 16425-16433. | 3.2 | 4 |
| 120 | Conformational Control of [2]Rotaxane by Hydrogen Bond. Journal of Organic Chemistry, 2022, 87, 5744-5759. | 3.2 | 4 |
| 121 | Nitration of Quinoline 1-Oxide: Mechanism of Regioselectivity.. Chemical and Pharmaceutical Bulletin, 1997, 45, 279-283. | 1.3 | 3 |
| 122 | Concise Synthesis of Diborylxanthenes. Synthesis, 2008, 2008, 859-864. | 2.3 | 3 |
| 123 | Synthesis of N-Heterocycles by the Ring Expansion Reactions of Aziridines and Azetidines. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 340-348. | 0.1 | 3 |
| 124 | Ruthenium-catalyzed cycloisomerization of 1,1,2,2-tetramethyl-1,2-divinyldisilane: Selective formation of a five-membered silacycle. Journal of Organometallic Chemistry, 2005, 690, 3451-3455. | 1.8 | 2 |
| 125 | Novel [3 + 2] Cycloaddition of Alkylidenecyclopropanes with Aldehydes Catalyzed by Palladium.. ChemInform, 2001, 32, 117-117. | 0.0 | 1 |
| 126 | Palladium-Catalyzed Hydroalkoxylation of Methylenecyclopropanes. Angewandte Chemie - International Edition, 1999, 38, 3365-3367. | 13.8 | 1 |

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| 127 | Direct Formation of Disubstituted Vinylidenes from Internal Alkynes at Group 8 Metal Complexes and its Application to Organic Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 691-702. | 0.1 | 1 |
| 128 | Palladium(0)-Catalyzed Cross-Benzannulation between Conjugated Enynes. Reactivity-Controlled Synthesis of Multifunctionalized Benzenes. Organic Letters, 2001, 3, 493-493. | 4.6 | 0 |
| 129 | Palladium-Catalyzed Benzannulation Reactions of Conjugated Enynes and Diynes. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 130 | Synthesis of 3-Methylenepyrrolidines by Palladium-Catalyzed [3 + 2] Cycloaddition of Alkylidenecyclopropanes with Imines.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 131 | Nickel-Catalyzed Intermolecular [3 + 2 + 2] Cocyclization of Ethyl Cyclopropylideneacetate and Alkynes.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 132 | Ruthenium-Catalyzed Hydrative Dimerization of Allenes.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 133 | Copper-Catalyzed Coupling of Aryl Halides and Nitrite Salts: A Mild Ullmann-Type Synthesis of Aromatic Nitro Compounds.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 134 | Development of New Cycloaddition Reactions Based on the Unique Reactivity of Unsaturated Hydrocarbons. ChemInform, 2006, 37, no. | 0.0 | 0 |
| 135 | Synthesis of [2]Catenanes by Oxidative Intramolecular Diyne Coupling Mediated by Macrocyclic Copper(I) Complexes. Angewandte Chemie - International Edition, 2009, 48, 2630-2630. | 13.8 | 0 |
| 136 | Synthesis of Helical 3,3â€²-Bridged-2,2â€²-bibenzo[g]quinolines. Chemistry Letters, 2020, 49, 133-136. | 1.3 | 0 |