# Naoki Asao

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 167 papers | 11,517 citations | 28274 55 h-index | 30087 103 g-index |
| 222 all docs | 222 docs citations | 222 times ranked | 9341 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | (S)-Erypoegin K, an isoflavone isolated from Erythrina poeppigiana, is a novel inhibitor of topoisomerase IIÎ±: Induction of G2 phase arrest in human gastric cancer cells. Bioorganic and Medicinal Chemistry, 2021, 30, 115904. | 3.0 | 3 |
| 2 | Amorphous/low-crystalline core/shell-type nanoparticles as highly efficient and self-stabilizing catalysts for alkaline hydrogen evolution. Chemical Communications, 2020, 56, 8984-8987. | 4.1 | 4 |
| 3 | Induction of enantio-selective apoptosis in human leukemia HL-60 cells by (S)-erypoegin K, an isoflavone isolated from Erythrina poeppigiana. Bioorganic and Medicinal Chemistry, 2020, 28, 115490. | 3.0 | 6 |
| 4 | Differentiation of o-, m-, and p-fluoro-Î±-pyrrolidinopropiophenones by Triton B-mediated one-pot reaction. Forensic Science International, 2019, 302, 109847. | 2.2 | 2 |
| 5 | Granular Barium Titanate Nanowire-Based Adsorbents for the Removal of Strontium Ions from Contaminated Water. ACS Applied Nano Materials, 2019, 2, 6793-6797. | 5.0 | 7 |
| 6 | Chemoselective Aerobic Crossâ€Dehydrogenative Coupling of Terminal Alkynes with Hydrosilanes by a Nanoporous Gold Catalyst. Chemistry - A European Journal, 2018, 24, 15777-15780. | 3.3 | 18 |
| 7 | Comparative Study of Single and Dual Gain-Narrowed Emission in Thiophene/Furan/Phenylene Co-Oligomer Single Crystals. Journal of Physical Chemistry C, 2017, 121, 2364-2368. | 3.1 | 12 |
| 8 | Composition-Dependent Morphology of Bi- and Trimetallic Phosphides: Construction of Amorphous Pdâ€“Cuâ€“Niâ€“P Nanoparticles as a Selective and Versatile Catalyst. ACS Applied Materials & Interfaces, 2017, 9, 34804-34811. | 8.0 | 25 |
| 9 | Catecholâ€“TiO2 hybrids for photocatalytic H2 production and photocathode assembly. Chemical Communications, 2017, 53, 12638-12641. | 4.1 | 43 |
| 10 | Dealloying-oxidation Technique as a Powerful Synthetic Tool for Sodium Titanate Nanowires with High Ion-exchange Ability. Chemistry Letters, 2017, 46, 1825-1827. | 1.3 | 1 |
| 11 | A highly emissive distyrylthieno[3,2-b]thiophene based red luminescent organic single crystal: Aggregation induced emission, optical waveguide edge emission, and balanced ambipolar carrier transport. Organic Electronics, 2016, 34, 23-27. | 2.6 | 18 |
| 12 | Coreâ€“shell Pdâ€“P@Pt nanoparticles as efficient catalysts for electrooxidation of formic acid. Journal of Applied Electrochemistry, 2016, 46, 1109-1118. | 2.9 | 15 |
| 13 | Hierarchical nanoporosity enhanced reversible capacity of bicontinuous nanoporous metal based Li-O2 battery. Scientific Reports, 2016, 6, 33466. | 3.3 | 52 |
| 14 | Cerium Oxide Nanorods with Unprecedented Lowâ€Temperature Oxygen Storage Capacity. Advanced Materials, 2016, 28, 1467-1471. | 21.0 | 28 |
| 15 | FeCl<sub>3</sub>â€Mediated Oxidative Spirocyclization of Difluorenylidene Diarylethanes Leading to Dispiro[fluoreneâ€9,5â€²â€indeno[2,1â€a]indeneâ€10â€²,9â€²â€fluorene]s. Angewandte Chemie - International Edition, 2016, 55, 259-263. | 13.8 | 25 |
| 16 | Biphenyl end-capped bithiazole co-oligomers for high performance organic thin film field effect transistors. Chemical Communications, 2016, 52, 4926-4929. | 4.1 | 16 |
| 17 | 2-Positional pyrene end-capped oligothiophenes for high performance organic field effect transistors. Chemical Communications, 2016, 52, 4800-4803. | 4.1 | 41 |
| 18 | Manganese powder promoted highly efficient and selective synthesis of fullerene mono- and biscycloadducts at room temperature. Scientific Reports, 2015, 5, 13920. | 3.3 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Nanocatalysts Fabricated by a Dealloying Method. Chemical Record, 2015, 15, 964-978. | 5.8 | 4 |
| 20 | Aerobic oxidation of hydroxylamines with nanoporous gold catalyst as an efficient synthetic method of nitrones. Tetrahedron, 2015, 71, 6459-6462. | 1.9 | 14 |
| 21 | Triflic Acid Mediated Cascade Cyclization of Aryldiynes for the Synthesis of Indeno[1,2â€‹c]chromenes: Application to Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2015, 21, 4065-4070. | 3.3 | 26 |
| 22 | Thieno[2,3,a]carbazole donor-based organic dyes for high efficiency dye-sensitized solar cells. Organic Chemistry Frontiers, 2015, 2, 253-258. | 4.5 | 13 |
| 23 | Tunneling Desorption of Single Hydrogen on the Surface of Titanium Dioxide. ACS Nano, 2015, 9, 6837-6842. | 14.6 | 22 |
| 24 | Highly efficient heterogeneous aerobic cross-dehydrogenative coupling via Câ€“H functionalization of tertiary amines using a nanoporous gold skeleton catalyst. Chemical Communications, 2015, 51, 12764-12767. | 4.1 | 65 |
| 25 | Reply to â€œComment on â€˜Bottom-Up Graphene-Nanoribbon Fabrication Reveals Chiral Edges and Enantioselectivityâ€™â€. ACS Nano, 2015, 9, 3404-3405. | 14.6 | 18 |
| 26 | Efficient thieno[3,2-a]carbazole-based organic dyes for dye-sensitized solar cells. Tetrahedron, 2015, 71, 6534-6540. | 1.9 | 9 |
| 27 | Ultrafine Sodium Titanate Nanowires with Extraordinary Sr Ion-Exchange Properties. Nano Letters, 2015, 15, 2980-2984. | 9.1 | 40 |
| 28 | Ni-Catalyzed direct 1,4-difunctionalization of [60]fullerene with benzyl bromides. Chemical Communications, 2015, 51, 6392-6394. | 4.1 | 42 |
| 29 | Nanostructured Zr-Pd Metallic Glass Thin Film for Biochemical Applications. Scientific Reports, 2015, 5, 7799. | 3.3 | 56 |
| 30 | Charge transport in organic crystals: Critical role of correlated fluctuations unveiled by analysis of Feynman diagrams. Journal of Chemical Physics, 2015, 142, 144503. | 3.0 | 8 |
| 31 | Self-Assembly Strategy for Fabricating Connected Graphene Nanoribbons. ACS Nano, 2015, 9, 12035-12044. | 14.6 | 81 |
| 32 | Pd-catalyzed cascade cyclization of o -alkynylarylbromides with dialkylalkynes via consecutive carbopalladation. Tetrahedron Letters, 2015, 56, 3133-3136. | 1.4 | 3 |
| 33 | Selective Transfer Semihydrogenation of Alkynes with Nanoporous Gold Catalysts. Journal of Organic Chemistry, 2015, 80, 847-851. | 3.2 | 64 |
| 34 | Metalâ€Catalyzed Annulation Reactions for Ï€â€Conjugated Polycycles. Chemistry - A European Journal, 2014, 20, 3554-3576. | 3.3 | 144 |
| 35 | Cu-Catalyzed Câ€“H Amination of Hydrofullerenes Leading to 1,4-Difunctionalized Fullerenes. Organic Letters, 2014, 16, 620-623. | 4.6 | 51 |
| 36 | Fabrication of Pdâ€“Niâ€“P Metallic Glass Nanoparticles and Their Application as Highly Durable Catalysts in Methanol Electro-oxidation. Chemistry of Materials, 2014, 26, 1056-1061. | 6.7 | 121 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | NBS-promoted oxidation of fullerene monoradicals leading to regioselective 1,4-difunctional fullerenes. Chemical Communications, 2014, 50, 15730-15732. | 4.1 | 14 |
| 38 | The synergistic effect of nanoporous AuPd alloy catalysts on highly chemoselective 1,4-hydrosilylation of conjugated cyclic enones. Chemical Communications, 2014, 50, 3344. | 4.1 | 31 |
| 39 | Carboxylic Acid-Catalyzed Highly Efficient and Selective Hydroboration of Alkynes with Pinacolborane. Organic Letters, 2014, 16, 4670-4673. | 4.6 | 94 |
| 40 | Mixing Time of Molecules Inside of Nanoporous Gold. SIAM Journal on Applied Mathematics, 2014, 74, 1298-1314. | 1.8 | 3 |
| 41 | GOLD-CATALYZED ADDITION OF HETEROATOM NUCLEOPHILE TO Câ€“C MULTIPLE BOND. Catalytic Science Series, 2014, , 137-174. | 0.0 | 0 |
| 42 | Rh(III)-Catalyzed Regioselective Functionalization of Câ€“H Bonds of Naphthylcarbamates for Oxidative Annulation with Alkynes. Organic Letters, 2014, 16, 4830-4833. | 4.6 | 78 |
| 43 | Bottom-Up Graphene-Nanoribbon Fabrication Reveals Chiral Edges and Enantioselectivity. ACS Nano, 2014, 8, 9181-9187. | 14.6 | 187 |
| 44 | Pd-Catalyzed Synthesis of 9,9â€²-Bifluorenylidene Derivatives via Dual Câ€“H Activation of Bis-biaryl Alkynes. Journal of the American Chemical Society, 2014, 136, 9540-9543. | 13.7 | 59 |
| 45 | Thieno[2,3-a]carbazole-based donorâ€“Ïâ€“acceptor organic dyes for efficient dye-sensitized solar cells. Tetrahedron, 2014, 70, 6211-6216. | 1.9 | 18 |
| 46 | Pd-Catalyzed Cascade Crossover Annulation of o-Alkynylarylhalides and Diarylacetylenes Leading to Dibenzo[a,e]pentalenes. Journal of the American Chemical Society, 2013, 135, 10222-10225. | 13.7 | 91 |
| 47 | Selective Aerobic Oxidation of Methanol in the Coexistence of Amines by Nanoporous Gold Catalysts: Highly Efficient Synthesis of Formamides. Chemistry - A European Journal, 2013, 19, 11832-11836. | 3.3 | 77 |
| 48 | Theoretical Analysis on the Optoelectronic Properties of Single Crystals of Thiophene-furan-phenylene Co-Oligomers: Efficient Photoluminescence due to Molecular Bending. Journal of Physical Chemistry C, 2013, 117, 8072-8078. | 3.1 | 30 |
| 49 | Remarkable Catalytic Property of Nanoporous Gold on Activation of Diborons for Direct Diboration of Alkynes. Organic Letters, 2013, 15, 5766-5769. | 4.6 | 101 |
| 50 | Unsupported Nanoporous Gold Catalyst for Highly Selective Hydrogenation of Quinolines. Organic Letters, 2013, 15, 1484-1487. | 4.6 | 99 |
| 51 | Structureâ€“property relationship of different electron donors: novel organic sensitizers based on fused dithienothiophene Ï€-conjugated linker for high efficiency dye-sensitized solar cells. Tetrahedron, 2013, 69, 3444-3450. | 1.9 | 27 |
| 52 | Nanorheological Mapping of Rubbers by Atomic Force Microscopy. Macromolecules, 2013, 46, 1916-1922. | 4.8 | 61 |
| 53 | Selective hydrosilylation of alkynes with a nanoporous gold catalyst. Catalysis Science and Technology, 2013, 3, 2902. | 4.1 | 58 |
| 54 | Single crystal biphenyl end-capped furan-incorporated oligomers: influence of unusual packing structure on carrier mobility and luminescence. Journal of Materials Chemistry C, 2013, 1, 4163. | 5.5 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Photoresponse on the Desorption of an Atomic Hydrogen on Titanium Dioxide Surface Induced by a Tip of Scanning Tunneling Microscope. Chemistry Letters, 2013, 42, 942-943. | 1.3 | 4 |
| 56 | Nanoporous Gold-Catalyzed [4+2] Benzannulation between ortho-Alkynylbenzaldehydes and Alkynes. Synlett, 2012, 2012, 66-69. | 1.8 | 44 |
| 57 | From molecular catalysts to nanostructured materials skeleton catalysts. Pure and Applied Chemistry, 2012, 84, 1771-1784. | 1.9 | 28 |
| 58 | Atomic origins of the high catalytic activity of nanoporous gold. Nature Materials, 2012, 11, 775-780. | 27.5 | 803 |
| 59 | Aerobic oxidation of alcohols in the liquid phase with nanoporous gold catalysts. Chemical Communications, 2012, 48, 4540. | 4.1 | 82 |
| 60 | Donorâ€“acceptor dyes incorporating a stable dibenzosilole Ï€-conjugated spacer for dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 10771. | 6.7 | 45 |
| 61 | Nanoporous Gold Catalyst for Highly Selective Semihydrogenation of Alkynes: Remarkable Effect of Amine Additives. Journal of the American Chemical Society, 2012, 134, 17536-17542. | 13.7 | 201 |
| 62 | A nanostructured skeleton catalyst: Suzuki-coupling with a reusable and sustainable nanoporous metallic glass Pd-catalyst. Chemical Communications, 2011, 47, 5985. | 4.1 | 60 |
| 63 | A novel metal-free panchromatic TiO2 sensitizer based on a phenylenevinylene-conjugated unit and an indoline derivative for highly efficient dye-sensitized solar cells. Chemical Communications, 2011, 47, 12400. | 4.1 | 64 |
| 64 | Gold-catalyzed alkylation of silyl enol ethers with ortho-alkynylbenzoic acid esters. Beilstein Journal of Organic Chemistry, 2011, 7, 648-652. | 2.2 | 8 |
| 65 | Stat3 as a Therapeutic Target for the Treatment of Psoriasis: A Clinical Feasibility Study with STA-21, a Stat3 Inhibitor. Journal of Investigative Dermatology, 2011, 131, 108-117. | 0.7 | 190 |
| 66 | Formation and properties of Au-based nanograined metallic glasses. Acta Materialia, 2011, 59, 6433-6440. | 7.9 | 136 |
| 67 | Reusable and Sustainable Nanostructured Skeleton Catalyst: Heck Reaction with Nanoporous Metallic Glass Pd (PdNPore) as a Support, Stabilizer and Ligandâ€Free Catalyst. Advanced Synthesis and Catalysis, 2011, 353, 2927-2932. | 4.3 | 39 |
| 68 | Nanostructured Materials as Catalysts: Nanoporousâ€Goldâ€Catalyzed Oxidation of Organosilanes with Water. Angewandte Chemie - International Edition, 2010, 49, 10093-10095. | 13.8 | 215 |
| 69 | Gold-catalyzed Câ€“S bond formation from thiols. Tetrahedron Letters, 2010, 51, 378-381. | 1.4 | 71 |
| 70 | Gold-catalyzed substitution reaction with ortho-alkynylbenzoic acid alkyl ester as an efficient alkylating agent. Tetrahedron, 2009, 65, 1774-1784. | 1.9 | 47 |
| 71 | CuX2-mediated [4+2] benzannulation as a new synthetic tool for stereoselective construction of haloaromatic compounds. Tetrahedron, 2009, 65, 9575-9582. | 1.9 | 47 |
| 72 | Gold-catalyzed transesterification of ortho-alkynylbenzoic acid esters: a novel protecting group for alcohols and phenols. Tetrahedron Letters, 2008, 49, 7046-7049. | 1.4 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | AuCl-catalyzed reaction of ortho-alkynyl(oxo)benzene with benzenediazonium 2-carboxylate as a synthetic method towards anthracene, triptycene, and phthalazine derivatives. Tetrahedron, 2008, 64, 787-796. | 1.9 | 24 |
| 74 | An efficient method for construction of tetrahydroisoquinoline skeleton via double cyclization process using ortho-vinylbenzaldehydes and amino alcohols: application to the synthesis of (S)-cryptostyline II. Tetrahedron Letters, 2008, 49, 2722-2725. | 1.4 | 21 |
| 75 | Preparation of 1,2-Dihydroisoquinolines by a Three-Component Reaction under Catalyst-Free Conditions. Synthesis, 2008, 2008, 820-822. | 2.3 | 1 |
| 76 | Silver-Catalyzed Synthesis of 1,2-Dihydroisoquinolines through Direct Addition of Carbon Pronucleophiles to ortho-Alkynylaryl Aldimines. Heterocycles, 2008, 76, 471. | 0.7 | 13 |
| 77 | A Facile Synthesis of 1,2-Dihydroisoquinolines by Three-Component Reaction. Heterocycles, 2007, 74, 649. | 0.7 | 7 |
| 78 | Gold-Catalyzed Etherification and Friedelâ^'Crafts Alkylation Using ortho-Alkynylbenzoic Acid Alkyl Ester as an Efficient Alkylating Agent. Organic Letters, 2007, 9, 4299-4302. | 4.6 | 66 |
| 79 | Gold-Catalyzed Benzannulation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2007, 65, 897-904. | 0.1 | 10 |
| 80 | Lewis Acid-Catalyzed [4 + 2] Benzannulation between Enynal Units and Enols or Enol Ethers:â€‰ Novel Synthetic Tools for Polysubstituted Aromatic Compounds Including Indole and Benzofuran Derivatives. Journal of Organic Chemistry, 2006, 71, 5249-5253. | 3.2 | 134 |
| 81 | AuCl-Catalyzed [4+2] Benzannulation betweeno-Alkynyl(oxo)benzene and Benzyne. Organic Letters, 2006, 8, 5361-5363. | 4.6 | 100 |
| 82 | An Environmentally Friendly Synthetic Method of 1,2-Dihydroisoquinoline Frameworks via Three-Component Reaction with o-Alkynylbenzaldehydes, Primary Amines, and Pronucleophiles. Organic Letters, 2006, 8, 4149-4151. | 4.6 | 112 |
| 83 | Gold- and Copper-Catalyzed [4+2] Benzannulations between Enynal or Enynone Units and 2ï€-Systems. Synlett, 2006, 2006, 1645-1656. | 1.8 | 189 |
| 84 | Synthesis of organosilicon polymers by using the Lewis-acid-catalyzed trans-allylsilylation of alkynes. Tetrahedron Letters, 2005, 46, 27-30. | 1.4 | 11 |
| 85 | Domino allylation and cyclization of ortho-alkynylbenzaldehydes with allyltrimethylsilane catalyzed by Pd(II)â€“Cu(II) bimetallic systems. Tetrahedron, 2005, 61, 11322-11326. | 1.9 | 92 |
| 86 | Direct Mannich and Nitro-Mannich Reactions with Non-Activated Imines: AgOTf-Catalyzed Addition of Pronucleophiles toortho-Alkynylaryl Aldimines Leading to 1,2-Dihydroisoquinolines. Angewandte Chemie - International Edition, 2005, 44, 5526-5528. | 13.8 | 212 |
| 87 | AuBr3- and Cu(OTf)2-Catalyzed Intramolecular [4 + 2] Cycloaddition of Tethered Alkynyl and Alkenyl Enynones and Enynals: A New Synthetic Method for Functionalized Polycyclic Hydrocarbons.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 88 | Direct Mannich and Nitro-Mannich Reactions with Non-Activated Imines: AgOTf-Catalyzed Addition of Pronucleophiles to ortho-Alkynylaryl Aldimines Leading to 1,2-Dihydroisoquinolines.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 89 | AuBr3- and Cu(OTf)2-Catalyzed Intramolecular [4 + 2] Cycloaddition of Tethered Alkynyl and Alkenyl Enynones and Enynals:Â A New Synthetic Method for Functionalized Polycyclic Hydrocarbons. Journal of Organic Chemistry, 2005, 70, 3682-3685. | 3.2 | 183 |
| 90 | Efficient Method for Synthesis of Angucyclinone Antibiotics via Gold-Catalyzed Intramolecular [4 + 2] Benzannulation:Â Enantioselective Total Synthesis of (+)-Ochromycinone and (+)-Rubiginone B2. Journal of Organic Chemistry, 2005, 70, 8977-8981. | 3.2 | 120 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Lewis Acid Catalyzed Benzannulation via Unprecedented [4 + 2] Cycloaddition of o-Alkynyl(oxo)benzenes and Enynals with Alkynes.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 92 | Synthesis of Novel Antitumor Agent 1-Methoxy-5,10-dioxo-5,10-dihydro-1H-benzo[g]isochromene Carboxylic Acid (3-Dimethylaminopropyl)amide with a Dual Role Pd(II) Catalyst.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 93 | AuBr3-Catalyzed [4 + 2] Benzannulation Between an Enynal Unit and Enol.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 94 | AuBr3-Catalyzed [4 + 2] Benzannulation between an Enynal Unit and Enol. Journal of the American Chemical Society, 2004, 126, 7458-7459. | 13.7 | 268 |
| 95 | AuCl3-Catalyzed Benzannulation: Synthesis of Naphthyl Ketone Derivatives from o-Alkynylbenzaldehydes with Alkynes.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 96 | Lewis Acid Catalyzed Stereoselective Hydrosilylation of Ketones under the Control of Ïƒâ€”Ï€ Chelation.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 97 | Ï€â€”Ï€ Chelation Controlled Chemoselective Conjugate Addition of Lithium Dimethylcuprate.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 98 | â€œMe2CuLiÃ—TMSCl in CH2Cl2â€• The Most Powerful Methylating Agent for Sterically Congested Î±,Î²-Enoates.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 99 | AuBr3-Catalyzed Cyclization of o-(Alkynyl)nitrobenzenes. Efficient Synthesis of Isatogens and Anthranils.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 100 | Functionalized 1,2-Dihydronaphthalenes from the Cu(OTf)2-Catalyzed [4 + 2] Cycloaddition of o-Alkynyl(oxo)benzenes with Alkenes.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 101 | Functionalized 1,2-Dihydronaphthalenes from the Cu(OTf)2-Catalyzed [4+2] Cycloaddition of o-Alkynyl(oxo)benzenes with Alkenes. Angewandte Chemie - International Edition, 2003, 42, 3504-3506. | 13.8 | 190 |
| 102 | Ï€â€“Ï€ Chelation controlled chemoselective conjugate addition of lithium dimethylcuprate. Tetrahedron Letters, 2003, 44, 1803-1805. | 1.4 | 9 |
| 103 | â€˜Me2CuLiÂ·TMSCl in CH2Cl2â€™. The most powerful methylating agent for sterically congested Î±,Î²-enoates. Tetrahedron Letters, 2003, 44, 4265-4266. | 1.4 | 20 |
| 104 | AuBr3-catalyzed cyclization of o-(alkynyl)nitrobenzenes. Efficient synthesis of isatogens and anthranils. Tetrahedron Letters, 2003, 44, 5675-5677. | 1.4 | 109 |
| 105 | Lewis Acid-Catalyzed Benzannulation via Unprecedented [4+2] Cycloaddition ofo-Alkynyl(oxo)benzenes and Enynals with Alkynes. Journal of the American Chemical Society, 2003, 125, 10921-10925. | 13.7 | 380 |
| 106 | Synthesis of Novel Antitumor Agent 1-Methoxy-5,10- dioxo-5,10-dihydro-1H-benzo[g]isochromene Carboxylic Acid (3-Dimethylylaminopropyl)amide with a Dual Role Pd(II) Catalyst. Journal of Organic Chemistry, 2003, 68, 9496-9498. | 3.2 | 91 |
| 107 | AuCl3-Catalyzed Benzannulation:Â Synthesis of Naphthyl Ketone Derivatives fromo-Alkynylbenzaldehydes with Alkynes. Journal of the American Chemical Society, 2002, 124, 12650-12651. | 13.7 | 418 |
| 108 | Pd(II) Acts Simultaneously as a Lewis Acid and as a Transition-Metal Catalyst:â€‰ Synthesis of Cyclic Alkenyl Ethers from Acetylenic Aldehydes. Journal of the American Chemical Society, 2002, 124, 764-765. | 13.7 | 321 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Lewis acid catalyzed stereoselective hydrosilylation of ketones under the control of Ïƒâ€“Ï€ chelation. Tetrahedron, 2002, 58, 8195-8203. | 1.9 | 46 |
| 110 | Lewis Acid Catalyzed Stereoselective Carbosilylation. Intramoleculartrans-Vinylsilylation andtrans-Arylsilylation of Unactivated Alkynes. Journal of the American Chemical Society, 2001, 123, 10899-10902. | 13.7 | 52 |
| 111 | Ïƒâ€Ï€ Chelation-Controlled Stereoselective Hydrosilylation of Ketones. Journal of the American Chemical Society, 2001, 123, 6931-6932. | 13.7 | 41 |
| 112 | Lewis Acid Mediated Intermolecular Vinylsilylation of Alkynes. Chemistry Letters, 2001, 30, 982-983. | 1.3 | 7 |
| 113 | Ïƒâ€“Ï€ Chelation-controlled chemoselective ring openings of epoxides. Tetrahedron Letters, 2001, 42, 7903-7905. | 1.4 | 14 |
| 114 | Highly diastereoselective desymmetrizing intramolecular cyclization of allylstannane with a diketone promoted by Lewis acid or transition metal complex. Journal of Organometallic Chemistry, 2001, 624, 136-142. | 1.8 | 2 |
| 115 | Do More Electrophilic Aldehydes/Ketones Exhibit Higher Reactivity toward Nucleophiles in the Presence of Lewis Acids?. Angewandte Chemie - International Edition, 2001, 40, 3206-3208. | 13.8 | 45 |
| 116 | Lewis acid-mediated intramolecular addition of silyl enol ethers to internal unactivated alkynes. Canadian Journal of Chemistry, 2001, 79, 1624-1631. | 1.1 | 25 |
| 117 | Lewis Acid-Catalyzed Hydrometalation and Carbometalation of Unactivated Alkynes. Bulletin of the Chemical Society of Japan, 2000, 73, 1071-1087. | 3.2 | 73 |
| 118 | Dramatic Enhancement of Reactivity of Organosilicon Compounds Induced by Complexation of Bis(allyl)silanes with Fluoride Ion. Tetrahedron, 2000, 56, 5373-5382. | 1.9 | 18 |
| 119 | Lewis acid-catalyzed trans-carbosilylation of alkynes with propargyl- and allenyltrimethylsilanes. Tetrahedron Letters, 2000, 41, 4499-4502. | 1.4 | 28 |
| 120 | Bis-zirconium and bis-hafnium catalysts for the strong activation of carbonyl substrates. Tetrahedron Letters, 2000, 41, 5543-5546. | 1.4 | 36 |
| 121 | Chelation control through the coordination of an olefinic Ï€-bond to Lewis acid. Tetrahedron Letters, 2000, 41, 9533-9536. | 1.4 | 10 |
| 122 | Chelation Control through the Coordination of Lewis Acids to an Acetylenic Ï€-Bond. Journal of the American Chemical Society, 2000, 122, 4817-4818. | 13.7 | 58 |
| 123 | Synthesis of Various Silacycles via the Lewis Acid-Catalyzed IntramolecularTrans-Hydrosilylation of Unactivated Alkynes. Journal of Organic Chemistry, 2000, 65, 8919-8923. | 3.2 | 74 |
| 124 | Lewis acid catalyzed allylstannylation of unactivated alkynes. Tetrahedron, 1999, 55, 3779-3790. | 1.9 | 57 |
| 125 | Lewis Acid Catalyzed Highly Regio- and StereocontrolledTrans-Hydrosilylation of Alkynes and Allenes. Journal of Organic Chemistry, 1999, 64, 2494-2499. | 3.2 | 141 |
| 126 | Lewis Acid-Catalyzed Stereoselective Intramoleculartrans-Vinylsilylation of Unactivated Alkynes. Journal of the American Chemical Society, 1999, 121, 3797-3798. | 13.7 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Asymmetric synthesis of Î²-amino acids and Î²-lactam derivatives via conjugate addition of metal amides. Advances in Asymmetric Synthesis, 1999, , 1-37. | 0.4 | 4 |
| 128 | o-Bis(allyldimethylsilyl)benzene as a remarkably effective allylation agent for carbonyl compounds with Bu4NF catalyst. Tetrahedron Letters, 1998, 39, 3177-3180. | 1.4 | 22 |
| 129 | Simultaneous coordination and double activation phenomena of carbonyl and epoxy oxygens by bis-titanium reagent as a bidentate Lewis acid catalyst. Tetrahedron Letters, 1998, 39, 3729-3732. | 1.4 | 30 |
| 130 | Protic Solvent-Promoted Neutral Allylation of Aldehydes and Ketones with 1,8-Bis(allylstannyl)naphthalenes. Synlett, 1998, 1998, 377-378. | 1.8 | 6 |
| 131 | Radical Reaction Initiated and Stereocontrolled by Zinc Chloride. Heterocycles, 1998, 47, 765. | 0.7 | 10 |
| 132 | High Activation of Carbonyl Groups with Bidentate Lewis Acid Catalysts.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1998, 56, 377-385. | 0.1 | 7 |
| 133 | Lewis Acid Catalyzedtrans-Allylsilylation of Unactivated Alkynes. Journal of the American Chemical Society, 1997, 119, 6781-6786. | 13.7 | 86 |
| 134 | Highly Diastereoselective Conjugate Addition of Lithium Dialkylamides to Î±,Î²-Unsaturated Esters Having a Chiral Center at the Î³-Position. Journal of Organic Chemistry, 1997, 62, 6274-6282. | 3.2 | 57 |
| 135 | 1,8-Bis(allylstannyl)naphthalene Derivatives as Neutral Allylation Agents: Rate Acceleration by Chelation-Induced Lewis Acidity. Angewandte Chemie International Edition in English, 1997, 36, 2507-2509. | 4.4 | 11 |
| 136 | 1,8â€Bis(allylstannyl)naphthalinderivate als neutrale Allylierungsreagentien: Steigerung der Reaktionsgeschwindigkeit als Folge einer durch Chelatisierung erzeugten Lewisâ€AciditÃt. Angewandte Chemie, 1997, 109, 2616-2618. | 2.0 | 2 |
| 137 | Lewis Acid-Catalyzedtrans-Hydrosilylation of Alkynes. Journal of Organic Chemistry, 1996, 61, 7654-7655. | 3.2 | 127 |
| 138 | Lewis Acid-Catalyzedtrans-Carbosilylation of Simple Alkynes. Journal of Organic Chemistry, 1996, 61, 4874-4875. | 3.2 | 59 |
| 139 | Lewis Acid-Catalyzed Hydrostannation of Acetylenes. Regio- and StereoselectiveTrans-Addition of Tributyltin Hydride and Dibutyltin Dihydrideâ€. Journal of Organic Chemistry, 1996, 61, 4568-4571. | 3.2 | 81 |
| 140 | trans-Allylstannylation of certain acetylenes catalysed by ZrCl4. Chemical Communications, 1996, , 1513. | 4.1 | 41 |
| 141 | 5(N-Methylbenzoylamino)-2, 2, 6, 6-tetramethylheptan-3-ol as a new class of recoverable chiral auxiliary. Tetrahedron Letters, 1996, 37, 1863-1866. | 1.4 | 10 |
| 142 | Asymmetric Synthesis of aÎ²-Lactam Framework via the Conjugate Addition of Amidocuprates(I) to Chiral Enoates. Bulletin of the Chemical Society of Japan, 1995, 68, 2103-2111. | 3.2 | 13 |
| 143 | Remarkable reversal of the regioselectivity in the palladium catalyzed hydrocarbonation reaction of allenes with methylmalononitrile. Tetrahedron Letters, 1995, 36, 2811-2814. | 1.4 | 47 |
| 144 | A Three Component Coupling Approach to a Chiral 1.beta.-Methylcarbapenem Key Intermediate. Journal of Organic Chemistry, 1995, 60, 143-148. | 3.2 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Synthesis of Netropsin and Distamycin Analogs Bearing o-Carborane and Their DNA Recognition. Journal of Organic Chemistry, 1995, 60, 3352-3357. | 3.2 | 28 |
| 146 | Ytterbium triisopropoxide catalysed ring opening of epoxides with trimethylsilyl azide. Journal of the Chemical Society Chemical Communications, 1995, , 1021. | 2.0 | 35 |
| 147 | Lewis acid catalysed trans-hydrostannylation of acetylenes. Journal of the Chemical Society Chemical Communications, 1995, , 2405. | 2.0 | 39 |
| 148 | Palladium- and platinum-catalysed addition of aldehydes with allylstannanes. Journal of the Chemical Society Chemical Communications, 1995, , 1273. | 2.0 | 44 |
| 149 | Asymmetric Dielsâ€“Aider reactions of TMHD-acrylate using TiCl4Â·(ArnHg)mcomplexed Lewis acids. Journal of the Chemical Society Chemical Communications, 1995, , 1271-1272. | 2.0 | 4 |
| 150 | Nickel catalyzed imine aldol reactions between activated imines and pronucleophiles. Tetrahedron Letters, 1995, 36, 5023-5026. | 1.4 | 7 |
| 151 | Highly stereocontrolled and concise asymmetric synthesis of the Î²-Lactam framework via a TCC method. Tetrahedron Letters, 1994, 35, 8425-8428. | 1.4 | 14 |
| 152 | Ytterbium triflate catalyzed ring opening of aziridines with amines. Tetrahedron Letters, 1994, 35, 7395-7398. | 1.4 | 92 |
| 153 | Zinc Chloride as a Radical Initiator as Well as a Chelating Agent. Journal of the American Chemical Society, 1994, 116, 421-422. | 13.7 | 79 |
| 154 | Palladium-Catalyzed Addition of Activated Methylene and Methyne Compounds to Allenes. Journal of the American Chemical Society, 1994, 116, 6019-6020. | 13.7 | 150 |
| 155 | Ytterbium triflate and high pressure-mediated ring opening of epoxides with amines. Journal of the Chemical Society Perkin Transactions 1, 1994, , 2597. | 0.9 | 98 |
| 156 | Transition Metal Catalyzed Addition of Certain Nucleophiles to Imines. Journal of the American Chemical Society, 1994, 116, 3161-3162. | 13.7 | 60 |
| 157 | Asymmetric synthesis of the Î²-lactam framework via a three-component coupling reaction. Journal of the Chemical Society Chemical Communications, 1993, , 1660-1662. | 2.0 | 18 |
| 158 | Selective reactions using allylic metals. Chemical Reviews, 1993, 93, 2207-2293. | 47.7 | 1,561 |
| 159 | Regio- and stereo-selective ring opening of epoxides with amide cuprate reagents. Journal of the Chemical Society Chemical Communications, 1993, , 1201. | 2.0 | 49 |
| 160 | Syntheses of Nitrogen Containing Compounds Using Reactive Organometallics.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1993, 51, 1005-1012. | 0.1 | 3 |
| 161 | Amide cuprate reagents as a new class of nitrogen nucleophiles. Application to asymmetric synthesis of .beta.-lactams. Journal of the American Chemical Society, 1992, 114, 5427-5429. | 13.7 | 88 |
| 162 | Stereodivergent synthesis of the enolates of a Î²-amino ester by using lithium N-benzyltrimethylsilylamide. Tetrahedron, 1990, 46, 4563-4572. | 1.9 | 60 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Copper azide as a new reagent for syn-SN2 displacement of .gamma.-sulfonyloxy-.alpha.,.beta.-unsaturated esters. Journal of Organic Chemistry, 1990, 55, 5303-5304. | 3.2 | 13 |
| 164 | New reagents. X. Reagents for functionalization. Amination reagent: Diamidecopper lithium.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1990, 48, 1066-1067. | 0.1 | 1 |
| 165 | Highly stereodivergent generation of the Z- and E-enolates of a Î²-amino ester via conjugate addition to methyl crotonate by using lithium N-benzyltrimethylsilylamide as a nitrogen nucleophile, and application to stereoselective aldol reactions. Journal of the Chemical Society Chemical Communications, 1989, , 753-754. | 2.0 | 25 |
| 166 | Lithium n-benzyltrimethylsilylamide (LSA): a new reagent for conjugate addition - enolate trapping reactions. Tetrahedron, 1988, 44, 4173-4180. | 1.9 | 57 |
| 167 | Stereoselective Î±-alkylation of Î±,Î²-unsaturated esters utilizing conjugate addition of nitrogen nucleophiles (R2NLi). Journal of the Chemical Society Chemical Communications, 1987, , 1410-1411. | 2.0 | 26 |