

Jun Terao

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

5703
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Precision synthesis of linear oligorotaxanes and polyrotaxanes achieving well-defined positions and numbers of cyclic components on the axle. <i>Chemical Communications</i> , 2022, 58, 1644-1660. | 2.2 | 13 |
| 2 | Solvatofluorochromic Contrast with Supramolecular Stereoisomers Using Linked Rotaxane Structures to Investigate Local Solvation in Excited Donor-Bridge-Acceptor Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 163-168. | 2.0 | 3 |
| 3 | Linked Rotaxane Structure Restricts Local Molecular Motions in Solution to Enhance Fluorescence Properties of Tetraphenylethylene. <i>Chemistry - A European Journal</i> , 2022, 28, e202103175. | 1.7 | 8 |
| 4 | Principal Component Analysis of Surface-Enhanced Raman Scattering Spectra Revealing Isomer-Dependent Electron Transport in Spiropyran Molecular Junctions: Implications for Nanoscale Molecular Electronics. <i>ACS Omega</i> , 2022, 7, 5578-5583. | 1.6 | 15 |
| 5 | Effect of changing electronic states of molecules on frequency domain of graphene FETs. <i>Applied Physics Express</i> , 2022, 15, 045001. | 1.1 | 1 |
| 6 | Stochastic Binding Dynamics of a Photoswitchable Single Supramolecular Complex. <i>Advanced Science</i> , 2022, 9, e2200022. | 5.6 | 13 |
| 7 | Insulation of a coumarin derivative with [1]rotaxane to control solvation-induced effects in excited-state dynamics for enhanced luminescence. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15195-15200. | 1.3 | 1 |
| 8 | Rational Strategy for Space-Confined Seeded Growth of ZnO Nanowires in Meter-Long Microtubes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16812-16819. | 4.0 | 4 |
| 9 | A single-molecule electrical approach for amino acid detection and chirality recognition. <i>Science Advances</i> , 2021, 7, . | 4.7 | 43 |
| 10 | Maximizing Conversion of Surface Click Reactions for Versatile Molecular Modification on Metal Oxide Nanowires. <i>Langmuir</i> , 2021, 37, 5172-5179. | 1.6 | 3 |
| 11 | Macroscopic Change in Luminescent Color by Thermally Driven Sliding Motion in [3]Rotaxanes. <i>Chemistry - A European Journal</i> , 2020, 26, 3385-3389. | 1.7 | 11 |
| 12 | Change in the rate of pseudo[1]rotaxane formation by elongating the alkyl-chain-substituted diphenylethyne linked to permethyl β -cyclodextrin. <i>Tetrahedron Letters</i> , 2020, 61, 152061. | 0.7 | 1 |
| 13 | Mechanical switching of current-voltage characteristics in spiropyran single-molecule junctions. <i>Nanoscale</i> , 2020, 12, 7527-7531. | 2.8 | 19 |
| 14 | Insulated conjugated bimetallo-polymer with sigmoidal response by dual self-controlling system as a biomimetic material. <i>Nature Communications</i> , 2020, 11, 408. | 5.8 | 23 |
| 15 | Co-porphyrin functionalized CVD graphene ammonia sensor with high selectivity to disturbing gases: hydrogen and humidity. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SGGG09. | 0.8 | 15 |
| 16 | Complementary Color Tuning by HCl via Phosphorescence-to-Fluorescence Conversion on Insulated Metallo-polymer Film and Its Light-Induced Acceleration. <i>Polymers</i> , 2020, 12, 244. | 2.0 | 10 |
| 17 | Suppression of Undesirable Isomerization and Intermolecular Reactions of Double Bonds by a Linked Rotaxane Structure. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1890-1895. | 1.7 | 5 |
| 18 | Synthesis of Insulated Heteroaromatic Platinum-Acetylide Complexes with Color-Tunable Phosphorescence in Solution and Solid States. <i>Journal of Organic Chemistry</i> , 2020, 85, 3082-3091. | 1.7 | 8 |

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|----|---|-----|-----------|
| 19 | Revealing Charge- and Temperature-Dependent Movement Dynamics and Mechanism of Individual Molecular Machines. <i>Small Methods</i> , 2019, 3, 1900464. | 4.6 | 21 |
| 20 | Luminescent and mechanical enhancement of phosphorescent hydrogel through cyclic insulation of platinum-acetylide crosslinker. <i>Polymer Chemistry</i> , 2019, 10, 5280-5284. | 1.9 | 16 |
| 21 | Synthetic Methodologies for Structurally Defined Linked- <i>n</i> Rotaxanes with Permethylyated Cyclodextrins: Platform for Functionalized Molecular Electronics. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 529-539. | 2.0 | 22 |
| 22 | Two-step template method for synthesis of axis-length-controlled porphyrin-containing hollow structures. <i>Chemical Communications</i> , 2019, 55, 6755-6758. | 2.2 | 5 |
| 23 | Synthesis and Acid-Responsiveness of an Insulated π -Conjugated Polymer Containing Spiropyran in Its Backbone. <i>Molecules</i> , 2019, 24, 1301. | 1.7 | 8 |
| 24 | Rational Method of Monitoring Molecular Transformations on Metal-Oxide Nanowire Surfaces. <i>Nano Letters</i> , 2019, 19, 2443-2449. | 4.5 | 21 |
| 25 | Platinum-acetylide crosslinkers for facile preparation of phosphorescent commodity polymer networks with defect-free chromophores. <i>Materials Letters</i> , 2019, 247, 182-184. | 1.3 | 2 |
| 26 | Synthetic Methodology for Structurally Defined and Insulated Molecular Wires Bearing Non-centrosymmetric Conjugated Axle Components via Iterative Intramolecular Slippage. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1667-1671. | 1.7 | 5 |
| 27 | Kinetic stabilization of a Ni(<i>sc</i>) bis(dithiobenzoate)-type complex achieved using three-dimensional insulation by a [1]rotaxane structure. <i>Chemical Communications</i> , 2018, 54, 2487-2490. | 2.2 | 13 |
| 28 | Synthesis and Characterization of Carboxylic Acids Bearing Poly(ethylene glycol) Chains. <i>Synlett</i> , 2018, 29, 556-559. | 1.0 | 1 |
| 29 | Reversible and stable redox behavior of a Pt(II) bis(dithiobenzoate)-type complex attributed to rotaxane-based stabilization. <i>Tetrahedron Letters</i> , 2018, 59, 2930-2933. | 0.7 | 6 |
| 30 | Copper-Catalyzed [4+2] Cycloaddition Using <i>N</i> -(2-Pyridyl)ketimines and Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3245-3248. | 2.1 | 6 |
| 31 | Boraformylation and Silaformylation of Allenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1539-1543. | 7.2 | 102 |
| 32 | Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide Catalyzed by MgCl ₂ . <i>Chemistry Letters</i> , 2017, 46, 968-969. | 0.7 | 7 |
| 33 | Thieme Chemistry Journals Awardees – Where Are They Now? Synthesis of a Dinuclear Copper NHC Complex Bearing a Rigid π -Conjugated Cyclic Framework. <i>Synlett</i> , 2017, 28, 1775-1779. | 1.0 | 0 |
| 34 | Copper-catalyzed hydroallylation of allenes employing hydrosilanes and allyl chlorides. <i>Chemical Communications</i> , 2017, 53, 7898-7900. | 2.2 | 17 |
| 35 | Boraformylation and Silaformylation of Allenes. <i>Angewandte Chemie</i> , 2017, 129, 1561-1565. | 1.6 | 29 |
| 36 | Regio- and Stereoselective Synthesis of Triarylalkene-Capped Rotaxanes via Palladium-Catalyzed Tandem Sonogashira/Hydroarylation Reaction of Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 5449-5455. | 1.7 | 10 |

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|----|--|-----|-----------|
| 37 | Hetero Face-to-Face Porphyrin Array with Cooperative Effects of Coordination and Host-Guest Complexation. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1900-1904. | 1.7 | 10 |
| 38 | Stimuli-responsive functionalized insulated conjugated polymers. <i>Polymer Journal</i> , 2017, 49, 805-814. | 1.3 | 22 |
| 39 | Fluorene-Thiophene Copolymer Wire on TiO ₂ : Mechanism Achieving Long Charge Separated State Lifetimes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25672-25681. | 1.5 | 14 |
| 40 | Synthesis of Conjugated Polyrotaxanes and Its Application to Molecular Wires. <i>Advances in Atom and Single Molecule Machines</i> , 2017, , 487-512. | 0.0 | 1 |
| 41 | Programmed Synthesis of Molecular Wires with Fixed Insulation and Defined Length Based on Oligo(phenylene ethynylene) and Permethylated β -Cyclodextrins. <i>Chemistry - A European Journal</i> , 2017, 23, 15073-15079. | 1.7 | 14 |
| 42 | Rational Design for Rotaxane Synthesis through Intramolecular Slippage: Control of Activation Energy by Rigid Axle Length. <i>Chemistry - A European Journal</i> , 2016, 22, 6624-6630. | 1.7 | 22 |
| 43 | Carboxyzincation Employing Carbon Dioxide and Zinc Powder: Cobalt-Catalyzed Multicomponent Coupling Reactions with Alkynes. <i>Journal of the American Chemical Society</i> , 2016, 138, 5547-5550. | 6.6 | 90 |
| 44 | A Typical Metal-Ion-Responsive Color-Tunable Emitting Insulated β -Conjugated Polymer Film. <i>Angewandte Chemie</i> , 2016, 128, 13625-13629. | 1.6 | 7 |
| 45 | Enhancement of Carrier Mobility through Deformation Potential in Metal-Containing Insulated Molecular Wires. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26637-26644. | 1.5 | 8 |
| 46 | Synthesis of Highly Insulated Conjugated Metallopolymers Containing Terpyridine-Metal Complexes. <i>Chemistry Letters</i> , 2016, 45, 931-933. | 0.7 | 3 |
| 47 | A Typical Metal-Ion-Responsive Color-Tunable Emitting Insulated β -Conjugated Polymer Film. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13427-13431. | 7.2 | 42 |
| 48 | Titelbild: A Typical Metal-Ion-Responsive Color-Tunable Emitting Insulated β -Conjugated Polymer Film (<i>Angew. Chem.</i> 43/2016). <i>Angewandte Chemie</i> , 2016, 128, 13547-13547. | 1.6 | 0 |
| 49 | Steric effect of carboxylic acid ligands on Pd-catalyzed C-H activation reactions. <i>Catalysis Communications</i> , 2016, 84, 71-74. | 1.6 | 16 |
| 50 | Synthesis and Physical Properties of Three-Dimensionally Insulated Molecular Wires. , 2016, , 141-164. | | 0 |
| 51 | Copper-catalyzed Silylative Allylation of Ketones and Aldehydes Employing Allenes and Silylboranes. <i>Chemistry Letters</i> , 2015, 44, 271-273. | 0.7 | 28 |
| 52 | Palladium-catalyzed formal hydroacylation of allenens employing carboxylic anhydrides and hydrosilanes. <i>Tetrahedron</i> , 2015, 71, 4570-4574. | 1.0 | 18 |
| 53 | Copper-catalyzed borylative transformations of non-polar carbon-carbon unsaturated compounds employing borylcopper as an active catalyst species. <i>Tetrahedron</i> , 2015, 71, 2183-2197. | 1.0 | 272 |
| 54 | Synthesis of Molecular Wires Strapped by β -Conjugated Side Chains: Integration of Dehydrobenzo[20]annulene Units. <i>Journal of Organic Chemistry</i> , 2015, 80, 8874-8880. | 1.7 | 2 |

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|----|---|-----|-----------|
| 55 | Copper-catalyzed C–C bond-forming transformation of CO ₂ to alcohol oxidation level: selective synthesis of homoallylic alcohols from allenes, CO ₂ , and hydrosilanes. <i>Chemical Communications</i> , 2015, 51, 13020-13023. | 2.2 | 63 |
| 56 | N-Heterocyclic carbene ligands bearing poly(ethylene glycol) chains: effect of the chain length on palladium-catalyzed coupling reactions employing aryl chlorides. <i>Chemical Communications</i> , 2015, 51, 17382-17385. | 2.2 | 14 |
| 57 | Effect of Mechanical Strain on Electric Conductance of Molecular Junctions. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19452-19457. | 1.5 | 11 |
| 58 | Cobalt- and Nickel-Catalyzed Carboxylation of Alkenyl and Sterically Hindered Aryl Triflates Utilizing CO ₂ . <i>Journal of Organic Chemistry</i> , 2015, 80, 11618-11623. | 1.7 | 82 |
| 59 | Synthesis and Function of Insulated Molecular Devices Bearing [1]Rotaxane Structure. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015, 73, 1007-1019. | 0.0 | 0 |
| 60 | Synthesis of an organic-soluble π -conjugated [3]rotaxane via rotation of glucopyranose units in permethylated β -cyclodextrin. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2800-2808. | 1.3 | 16 |
| 61 | Copper-Catalyzed Regiodivergent Silacarboxylation of Allenes with Carbon Dioxide and a Silylborane. <i>Journal of the American Chemical Society</i> , 2014, 136, 17706-17709. | 6.6 | 128 |
| 62 | Synthesis and characterization of ruthenium(II) complexes with dendritic N-heterocyclic carbene ligands. <i>Inorganica Chimica Acta</i> , 2014, 409, 174-178. | 1.2 | 4 |
| 63 | New synthetic methods of π -conjugated inclusion complexes with high conductivity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 165-175. | 0.9 | 8 |
| 64 | Synthesis of functionalized insulated molecular wires by polymerization of an insulated π -conjugated monomer. <i>Chemical Communications</i> , 2014, 50, 658-660. | 2.2 | 20 |
| 65 | Enhancement of Phosphorescence and Unimolecular Behavior in the Solid State by Perfect Insulation of Platinum–Acetylide Polymers. <i>Journal of the American Chemical Society</i> , 2014, 136, 14714-14717. | 6.6 | 58 |
| 66 | Regioselective transformation of alkynes catalyzed by a copper hydride or boryl copper species. <i>Catalysis Science and Technology</i> , 2014, 4, 1699. | 2.1 | 148 |
| 67 | Palladium-catalyzed formal arylation of allenes employing acid chlorides and arylboronic acids. <i>Chemical Communications</i> , 2014, 50, 8476-8479. | 2.2 | 10 |
| 68 | Copper-Catalyzed Borylative Allyl–Allyl Coupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9007-9011. | 7.2 | 99 |
| 69 | Nickel-Catalyzed Double Carboxylation of Alkynes Employing Carbon Dioxide. <i>Organic Letters</i> , 2014, 16, 4960-4963. | 2.4 | 96 |
| 70 | Copper-Catalyzed Alkyl–Alkyl Cross-Coupling Reactions Using Hydrocarbon Additives: Efficiency of Catalyst and Roles of Additives. <i>Journal of Organic Chemistry</i> , 2014, 79, 8522-8532. | 1.7 | 42 |
| 71 | Synthesis of One-Dimensional Metal-Containing Insulated Molecular Wire with Versatile Properties Directed toward Molecular Electronics Materials. <i>Journal of the American Chemical Society</i> , 2014, 136, 1742-1745. | 6.6 | 77 |
| 72 | Cobalt-catalyzed carboxylation of propargyl acetates with carbon dioxide. <i>Chemical Communications</i> , 2014, 50, 13052-13055. | 2.2 | 72 |

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|----|--|-----|-----------|
| 73 | Iron oxide catalyzed reduction of acid chlorides to aldehydes with hydrosilanes. <i>Catalysis Communications</i> , 2014, 50, 25-28. | 1.6 | 8 |
| 74 | Insulated π -conjugated metallopolymers. <i>Tetrahedron Letters</i> , 2014, 55, 4035-4043. | 0.7 | 23 |
| 75 | Synthesis and Redox Response of Insulated Molecular Wire Elongated through Iron π -Terpyridine Coordination Bonds. <i>Chemistry Letters</i> , 2014, 43, 1289-1291. | 0.7 | 8 |
| 76 | Molecular Wiring Method Based on Polymerization or Copolymerization of an Insulated π -Conjugated Monomer. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 871-873. | 2.0 | 9 |
| 77 | Encapsulation by Cyclic Porphyrin Dimers Using Various Interaction Modes. <i>Chemistry Letters</i> , 2014, 43, 1374-1376. | 0.7 | 8 |
| 78 | Highly Selective Copper π -Catalyzed Hydroboration of Allenes and 1,3 π -Dienes. <i>Chemistry - A European Journal</i> , 2013, 19, 7125-7132. | 1.7 | 214 |
| 79 | Copper π -Catalyzed Borylation of π -Alkoxy Allenes with Bis(pinacolato)diboron: Efficient Synthesis of 2 π -Boryl 1,3 π -Butadienes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12400-12403. | 7.2 | 94 |
| 80 | Design principle for increasing charge mobility of π -conjugated polymers using regularly localized molecular orbitals. <i>Nature Communications</i> , 2013, 4, 1691. | 5.8 | 115 |
| 81 | Palladium π -Catalyzed Reduction of Carboxylic Acids to Aldehydes with Hydrosilanes in the Presence of Pivalic Anhydride. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3420-3424. | 2.1 | 26 |
| 82 | Nickel π -Catalyzed Coupling of Thiomethyl π -Substituted 1,3 π -Benzothiazoles with Secondary Alkyl Grignard Reagents. <i>Chemistry - A European Journal</i> , 2013, 19, 2951-2955. | 1.7 | 25 |
| 83 | Nickel π -Butadiene Catalytic System for the Cross π -Coupling of Bromoalkanoic Acids with Alkyl Grignard Reagents: A Practical and Versatile Method for Preparing Fatty Acids. <i>Chemistry - A European Journal</i> , 2013, 19, 2956-2960. | 1.7 | 26 |
| 84 | Palladium-Catalyzed Formal Hydroacylation of Allenes Employing Acid Chlorides and Hydrosilanes. <i>Organic Letters</i> , 2013, 15, 2286-2289. | 2.4 | 25 |
| 85 | Palladium-Catalyzed Reduction of Acid Chlorides to Aldehydes with Hydrosilanes. <i>Synlett</i> , 2012, 23, 2389-2392. | 1.0 | 12 |
| 86 | Synthesis of Insulated Pt π -Alkynyl Complex Polymer. <i>Chemistry Letters</i> , 2012, 41, 652-653. | 0.7 | 14 |
| 87 | Copper-catalyzed coupling reaction of unactivated secondary alkyl iodides with alkyl Grignard reagents in the presence of 1,3-butadiene as an effective additive. <i>Chemical Communications</i> , 2012, 48, 9313. | 2.2 | 57 |
| 88 | Copper π -Catalyzed Silacarboxylation of Internal Alkynes by Employing Carbon Dioxide and Silylboranes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11487-11490. | 7.2 | 141 |
| 89 | Synthesis of an insulated molecular wire by click polymerization. <i>Chemical Communications</i> , 2012, 48, 1577-1579. | 2.2 | 30 |
| 90 | Single-Molecule Conductance of π -Conjugated Rotaxane: New Method for Measuring Stipulated Electric Conductance of π -Conjugated Molecular Wire Using STM Break Junction. <i>Small</i> , 2012, 8, 726-730. | 5.2 | 67 |

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|-----|--|------|-----------|
| 91 | Nickel-Catalyzed Carboxylation of Aryl and Vinyl Chlorides Employing Carbon Dioxide. <i>Journal of the American Chemical Society</i> , 2012, 134, 9106-9109. | 6.6 | 308 |
| 92 | Palladium-catalyzed esterification of aryl halides using aryl formates without the use of external carbon monoxide. <i>Chemical Communications</i> , 2012, 48, 8012. | 2.2 | 102 |
| 93 | Iridium-Catalyzed Addition of Aryl Chlorides and Aliphatic Acid Chlorides to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2012, 134, 1268-1274. | 6.6 | 62 |
| 94 | Copper-Catalyzed Highly Selective Semihydrogenation of Non-Polar Carbon-Carbon Multiple Bonds using a Silane and an Alcohol. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1542-1550. | 2.1 | 137 |
| 95 | Copper-Catalyzed Highly Regio- and Stereoselective Directed Hydroboration of Unsymmetrical Internal Alkynes: Controlling Regioselectivity by Choice of Catalytic Species. <i>Chemistry - A European Journal</i> , 2012, 18, 4179-4184. | 1.7 | 174 |
| 96 | Ruthenium-catalyzed ring-closing metathesis accelerated by long-range steric effect. <i>Chemical Communications</i> , 2011, 47, 9699. | 2.2 | 22 |
| 97 | Silver-Catalyzed Regioselective Carbomagnesiation of Alkynes with Alkyl Halides and Grignard Reagents. <i>Organic Letters</i> , 2011, 13, 4656-4659. | 2.4 | 30 |
| 98 | Synthesis of a head-to-tail-type cyclodextrin-based insulated molecular wire. <i>Chemical Communications</i> , 2011, 47, 6816. | 2.2 | 34 |
| 99 | Permethylated cyclodextrin-based insulated molecular wires. <i>Polymer Chemistry</i> , 2011, 2, 2444. | 1.9 | 51 |
| 100 | Transition Metal Catalyzed Alkylation at sp ³ -, sp ² -, and sp-Carbons. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 1271-1281. | 0.0 | 4 |
| 101 | Kinetic Studies of the Ni-catalyzed Cross-coupling of Alkyl Halides and a Tosylate with Butyl Grignard Reagent in the Presence of 1,3-Butadiene. <i>Chemistry Letters</i> , 2011, 40, 1024-1026. | 0.7 | 23 |
| 102 | Pd-catalyzed cross-coupling reactions of alkyl halides. <i>Chemical Society Reviews</i> , 2011, 40, 4937. | 18.7 | 393 |
| 103 | π-conjugated molecules covered by permethylated cyclodextrins. <i>Chemical Record</i> , 2011, 11, 269-283. | 2.9 | 34 |
| 104 | Palladium-Catalyzed Hydroesterification of Alkynes Employing Aryl Formates without the Use of External Carbon Monoxide. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 475-482. | 2.1 | 95 |
| 105 | Copper-Catalyzed Hydrocarboxylation of Alkynes Using Carbon Dioxide and Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 523-527. | 7.2 | 313 |
| 106 | Palladium(II) complexes bearing a salicylaldiminato ligand with a hydroxyl group: Synthesis, structures, deprotonation, and catalysis. <i>Inorganica Chimica Acta</i> , 2011, 368, 237-241. | 1.2 | 1 |
| 107 | Cross-coupling of Grignard reagents with alkyl halides or tosylates by the use of nickel or palladium containing perovskite. <i>Tetrahedron Letters</i> , 2011, 52, 774-776. | 0.7 | 20 |
| 108 | Synthesis of Linked Symmetric [3]Rotaxane Having an Oligomeric Phenylene-Ethyne Unit as a Guest via Double Sonogashira Cross-coupling. <i>Chemistry Letters</i> , 2010, 39, 518-519. | 0.7 | 14 |

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|-----|---|-----|-----------|
| 109 | Nickel-Catalyzed Regioselective Carbomagnesation of Methylene-cyclopropanes through a Site-Selective Carbon-Carbon Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 144-147. | 7.2 | 48 |
| 110 | Copper-Catalyzed Hydrosilylation with a Bowl-Shaped Phosphane Ligand: Preferential Reduction of a Bulky Ketone in the Presence of an Aldehyde. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1472-1476. | 7.2 | 89 |
| 111 | Synthesis of Highly Insulated Molecular Wires by Polymerization of Organic-Soluble Symmetrical Linked Inclusion Complex Monomers. <i>Macromolecular Symposia</i> , 2010, 297, 54-60. | 0.4 | 7 |
| 112 | Transition-Metal-Catalyzed Additions of Carbonyl Functionalities to Alkynes. <i>Synlett</i> , 2010, 2010, 2537-2548. | 1.0 | 2 |
| 113 | Palladium-Catalyzed Intermolecular Addition of Formamides to Alkynes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2094-2098. | 6.6 | 109 |
| 114 | Iridium-Catalyzed Annulation of <i>N</i> -Arylcarbamoyl Chlorides with Internal Alkynes. <i>Journal of the American Chemical Society</i> , 2010, 132, 9602-9603. | 6.6 | 92 |
| 115 | Synthesis of linked symmetrical [3] and [5]rotaxanes having an oligomeric phenylene ethynylene (OPE) core skeleton as a π -conjugated guest via double intramolecular self-inclusion. <i>Tetrahedron Letters</i> , 2009, 50, 1146-1150. | 0.7 | 22 |
| 116 | Nickel-catalyzed cross-coupling of unactivated alkyl halides and tosylate carrying a functional group with alkyl and phenyl Grignard reagents. <i>Tetrahedron Letters</i> , 2009, 50, 5644-5646. | 0.7 | 36 |
| 117 | Silver-catalyzed carbomagnesiation of terminal aryl and silyl alkynes and enynes in the presence of 1,2-dibromoethane. <i>Chemical Communications</i> , 2009, , 1115. | 2.2 | 39 |
| 118 | Ni-catalyzed regioselective three-component coupling of alkyl halides, arylalkynes, or enynes with $R-M$ ($M = MgX_2, ZnX_2$). <i>Chemical Communications</i> , 2009, , 7336. | 2.2 | 72 |
| 119 | Non-catalytic conversion of C-F bonds of benzotrifluorides to C-C bonds using organoaluminium reagents. <i>Chemical Communications</i> , 2009, , 6011. | 2.2 | 79 |
| 120 | Synthesis of Organic-Soluble Conjugated Polyrotaxanes by Polymerization of Linked Rotaxanes. <i>Journal of the American Chemical Society</i> , 2009, 131, 16004-16005. | 6.6 | 104 |
| 121 | Iridium-Catalyzed Addition of Acid Chlorides to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2009, 131, 6668-6669. | 6.6 | 97 |
| 122 | Insulated Molecular Wire with Highly Conductive π -Conjugated Polymer Core. <i>Journal of the American Chemical Society</i> , 2009, 131, 18046-18047. | 6.6 | 107 |
| 123 | Organic conducting wire formation on a TiO ₂ nanocrystalline structure: towards long-lived charge separated systems. <i>Chemical Communications</i> , 2009, , 4360. | 2.2 | 12 |
| 124 | A Triarylphosphine Ligand Bearing Dodeca(ethylene glycol) Chains: Enhanced Efficiency in the Palladium-Catalyzed Suzuki-Miyaura Coupling Reaction. <i>Organic Letters</i> , 2009, 11, 2121-2124. | 2.4 | 70 |
| 125 | Synthesis of a Linked [1]-[1]Rotaxane. <i>Chemistry Letters</i> , 2009, 38, 190-191. | 0.7 | 12 |
| 126 | Synthesis of an Organic-soluble π -Conjugated [1]Rotaxane. <i>Chemistry Letters</i> , 2009, 38, 76-77. | 0.7 | 26 |

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|-----|--|-----|-----------|
| 127 | Titanocene-catalyzed Regioselective Alkylation of Styrenes with Grignard Reagents Using β -Bromoethyl Ethers, Thioethers, or Amines. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1472-1478. | 1.7 | 33 |
| 128 | Cross-Coupling Reaction of Alkyl Halides with Grignard Reagents Catalyzed by Ni, Pd, or Cu Complexes with β -Carbon Ligand(s). <i>Accounts of Chemical Research</i> , 2008, 41, 1545-1554. | 7.6 | 337 |
| 129 | Cu-catalyzed regioselective carbomagnesiation of dienes and enynes with sec- and tert-alkyl Grignard reagents. <i>Chemical Communications</i> , 2008, , 1332. | 2.2 | 48 |
| 130 | Titanocene-catalyzed alkylative dimerization of vinyl Grignard reagent using alkyl halides. <i>Chemical Communications</i> , 2008, , 5836. | 2.2 | 11 |
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