Jun Terao

List of Publications by Year
in descending order

193 papers	9,367 citations	30070 54 h-index	46799 89 g-index
273 all docs	273 docs citations	273 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. Chemical Communications, 2022, 58, 1644-1660.	4.1	13
2	Solvatofluorochromic Contrast with Supramolecular Stereoisomers Using Linked Rotaxane Structures to Investigate Local Solvation in Excited Donor-Bridge-Acceptor Systems. Bulletin of the Chemical Society of Japan, 2022, 95, 163-168.	3.2	3
3	Linked Rotaxane Structure Restricts Local Molecular Motions in Solution to Enhance Fluorescence Properties of Tetraphenylethylene. Chemistry - A European Journal, 2022, 28, e202103175.	3.3	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. ACS Omega, 2022, 7, 5578-5583.	3.5	15
5	Effect of changing electronic states of molecules on frequency domain of graphene FETs. Applied Physics Express, 2022, 15, 045001.	2.4	1
6	Stochastic Binding Dynamics of a Photoswitchable Single Supramolecular Complex. Advanced Science, 2022, 9, e2200022.	11.2	13
7	Insulation of a coumarin derivative with [1]rotaxane to control solvation-induced effects in excited-state dynamics for enhanced luminescence. Physical Chemistry Chemical Physics, 2022, 24, 15195-15200.	2.8	1
8	Rational Strategy for Space-Confined Seeded Growth of ZnO Nanowires in Meter-Long Microtubes. ACS Applied Materials & Interfaces, 2021, 13, 16812-16819.	8.0	4
9	A single-molecule electrical approach for amino acid detection and chirality recognition. Science Advances, 2021, 7, .	10.3	43
10	Maximizing Conversion of Surface Click Reactions for Versatile Molecular Modification on Metal Oxide Nanowires. Langmuir, 2021, 37, 5172-5179.	3.5	3
11	Macroscopic Change in Luminescent Color by Thermally Driven Sliding Motion in [3]Rotaxanes. Chemistry - A European Journal, 2020, 26, 3385-3389.	3.3	11
12	Change in the rate of pseudo[1]rotaxane formation by elongating the alkyl-chain-substituted diphenylethynylene linked to permethyl Î±-cyclodextrin. Tetrahedron Letters, 2020, 61, 152061.	1.4	1
13	Mechanical switching of currentâ€“voltage characteristics in spiropyran single-molecule junctions. Nanoscale, 2020, 12, 7527-7531.	5.6	19
14	Insulated conjugated bimetallopolymer with sigmoidal response by dual self-controlling system as a biomimetic material. Nature Communications, 2020, 11, 408.	12.8	23
15	Co-porphyrin functionalized CVD graphene ammonia sensor with high selectivity to disturbing gases: hydrogen and humidity. Japanese Journal of Applied Physics, 2020, 59, SGGG09.	1.5	15
16	Complementary Color Tuning by HCl via Phosphorescence-to-Fluorescence Conversion on Insulated Metallopolymer Film and Its Light-Induced Acceleration. Polymers, 2020, 12, 244.	4.5	10
17	Suppression of Undesirable Isomerization and Intermolecular Reactions of Double Bonds by a Linked Rotaxane Structure. Chemistry - an Asian Journal, 2020, 15, 1890-1895.	3.3	5
18	Synthesis of Insulated Heteroaromatic Platinumâ€“Acetylide Complexes with Color-Tunable Phosphorescence in Solution and Solid States. Journal of Organic Chemistry, 2020, 85, 3082-3091.	3.2	8

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19	Revealing Chargeâ€•and Temperatureâ€Dependent Movement Dynamics and Mechanism of Individual Molecular Machines. Small Methods, 2019, 3, 1900464.	8.6	21
20	Luminescent and mechanical enhancement of phosphorescent hydrogel through cyclic insulation of platinum-acetylide crosslinker. Polymer Chemistry, 2019, 10, 5280-5284.	3.9	16
21	Synthetic Methodologies for Structurally Defined Linked-[n]Rotaxanes with Permethylated Cyclodextrins: Platform for Functionalized Molecular Electronics. Bulletin of the Chemical Society of Japan, 2019, 92, 529-539.	3.2	22
22	Two-step template method for synthesis of axis-length-controlled porphyrin-containing hollow structures. Chemical Communications, 2019, 55, 6755-6758.	4.1	5
23	Synthesis and Acid-Responsiveness of an Insulated Ï€-Conjugated Polymer Containing Spiropyrans in Its Backbone. Molecules, 2019, 24, 1301.	3.8	8
24	Rational Method of Monitoring Molecular Transformations on Metal-Oxide Nanowire Surfaces. Nano Letters, 2019, 19, 2443-2449.	9.1	21
25	Platinum-acetylide crosslinkers for facile preparation of phosphorescent commodity polymer networks with defect-free chromophores. Materials Letters, 2019, 247, 182-184.	2.6	2
26	Synthetic Methodology for Structurally Defined and Insulated Molecular Wires Bearing Nonâ€centrosymmetric Conjugated Axle Components via Iterative Intramolecular Slippage. Chemistry - an Asian Journal, 2019, 14, 1667-1671.	3.3	5
27	Kinetic stabilization of a Ni(<scp>ii</scp>) bis(dithiobenzoate)-type complex achieved using three-dimensional insulation by a [1]rotaxane structure. Chemical Communications, 2018, 54, 2487-2490.	4.1	13
28	Synthesis and Characterization of Carboxylic Acids Bearing Poly(ethylene glycol) Chains. Synlett, 2018, 29, 556-559.	1.8	1
29	Reversible and stable redox behavior of a Pt(II) bis(dithiobenzoate)-type complex attributed to rotaxane-based stabilization. Tetrahedron Letters, 2018, 59, 2930-2933.	1.4	6
30	Copperâ€Catalyzed [4+2] Cycloaddition Using Nâ€(2â€Pyridyl)ketimines and Terminal Alkynes. Advanced Synthesis and Catalysis, 2018, 360, 3245-3248.	4.3	6
31	Boraformylation and Silaformylation of Allenes. Angewandte Chemie - International Edition, 2017, 56, 1539-1543.	13.8	102
32	Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide Catalyzed by MgCl₂. Chemistry Letters, 2017, 46, 968-969.	1.3	7
33	Thieme Chemistry Journals Awardees â€“ Where Are They Now? Synthesis of a Dinuclear Copper NHC Complex Bearing a Rigid Ï€-Conjugated Cyclic Framework. Synlett, 2017, 28, 1775-1779.	1.8	0
34	Copper-catalyzed hydroallylation of allenes employing hydrosilanes and allyl chlorides. Chemical Communications, 2017, 53, 7898-7900.	4.1	17
35	Boraformylation and Silaformylation of Allenes. Angewandte Chemie, 2017, 129, 1561-1565.	2.0	29
36	Regio- and Stereoselective Synthesis of Triarylalkene-Capped Rotaxanes via Palladium-Catalyzed Tandem Sonogashira/Hydroaryl Reaction of Terminal Alkynes. Journal of Organic Chemistry, 2017, 82, 5449-5455.	3.2	10

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37	Hetero Faceâ€toâ€Face Porphyrin Array with Cooperative Effects of Coordination and Hostâ€“Guest Complexation. Chemistry - an Asian Journal, 2017, 12, 1900-1904.	3.3	10
38	Stimuli-responsive functionalized insulated conjugated polymers. Polymer Journal, 2017, 49, 805-814.	2.7	22
39	Fluoreneâ€“Thiophene Copolymer Wire on TiO₂: Mechanism Achieving Long Charge Separated State Lifetimes. Journal of Physical Chemistry C, 2017, 121, 25672-25681.	3.1	14
40	Synthesis of Conjugated Polyrotaxanes and Its Application to Molecular Wires. Advances in Atom and Single Molecule Machines, 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 Î±â€Cyclodextrins. Chemistry - A European Journal, 2017, 23, 15073-15079.	3.3	14
42	Rational Design for Rotaxane Synthesis through Intramolecular Slippage: Control of Activation Energy by Rigid Axle Length. Chemistry - A European Journal, 2016, 22, 6624-6630.	3.3	22
43	Carboxyzincation Employing Carbon Dioxide and Zinc Powder: Cobalt-Catalyzed Multicomponent Coupling Reactions with Alkynes. Journal of the American Chemical Society, 2016, 138, 5547-5550.	13.7	90
44	A Typical Metalâ€Ionâ€Responsive Colorâ€Tunable Emitting Insulated Ïâ€Conjugated Polymer Film. Angewandte Chemie, 2016, 128, 13625-13629.	2.0	7
45	Enhancement of Carrier Mobility through Deformation Potential in Metal-Containing Insulated Molecular Wires. Journal of Physical Chemistry C, 2016, 120, 26637-26644.	3.1	8
46	Synthesis of Highly Insulated Conjugated Metallopolymers Containing Terpyridineâ€“Metal Complexes. Chemistry Letters, 2016, 45, 931-933.	1.3	3
47	A Typical Metalâ€Ionâ€Responsive Colorâ€Tunable Emitting Insulated Ïâ€Conjugated Polymer Film. Angewandte Chemie - International Edition, 2016, 55, 13427-13431.	13.8	42
48	Titelbild: A Typical Metalâ€Ionâ€Responsive Colorâ€Tunable Emitting Insulated Ïâ€Conjugated Polymer Film (Angew. Chem. 43/2016). Angewandte Chemie, 2016, 128, 13547-13547.	2.0	0
49	Steric effect of carboxylic acid ligands on Pd-catalyzed Câ€“H activation reactions. Catalysis Communications, 2016, 84, 71-74.	3.3	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. Chemistry Letters, 2015, 44, 271-273.	1.3	28
52	Palladium-catalyzed formal hydroacylation of allenes employing carboxylic anhydrides and hydrosilanes. Tetrahedron, 2015, 71, 4570-4574.	1.9	18
53	Copper-catalyzed borylative transformations of non-polar carbonâ€“carbon unsaturated compounds employing borylcopper as an active catalyst species. Tetrahedron, 2015, 71, 2183-2197.	1.9	272
54	Synthesis of Molecular Wires Strapped by Ï€-Conjugated Side Chains: Integration of Dehydrobenzo[20]annulene Units. Journal of Organic Chemistry, 2015, 80, 8874-8880.	3.2	2

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55	Copper-catalyzed Câ€“C bond-forming transformation of CO₂ to alcohol oxidation level: selective synthesis of homoallylic alcohols from allenes, CO₂, and hydrosilanes. Chemical Communications, 2015, 51, 13020-13023.	4.1	63
56	N-Heterocyclic carbene ligands bearing poly(ethylene glycol) chains: effect of the chain length on palladium-catalyzed coupling reactions employing aryl chlorides. Chemical Communications, 2015, 51, 17382-17385.	4.1	14
57	Effect of Mechanical Strain on Electric Conductance of Molecular Junctions. Journal of Physical Chemistry C, 2015, 119, 19452-19457.	3.1	11
58	Cobalt- and Nickel-Catalyzed Carboxylation of Alkenyl and Sterically Hindered Aryl Triflates Utilizing CO₂. Journal of Organic Chemistry, 2015, 80, 11618-11623.	3.2	82
59	Synthesis and Function of Insulated Molecular Devices Bearing [1]Rotaxane Structure. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2015, 73, 1007-1019.	0.1	0
60	Synthesis of an organic-soluble Ï€-conjugated [3]rotaxane via rotation of glucopyranose units in permethylated Î²-cyclodextrin. Beilstein Journal of Organic Chemistry, 2014, 10, 2800-2808.	2.2	16
61	Copper-Catalyzed Regiodivergent Silacarboxylation of Allenes with Carbon Dioxide and a Silylborane. Journal of the American Chemical Society, 2014, 136, 17706-17709.	13.7	128
62	Synthesis and characterization of ruthenium(II) complexes with dendritic N-heterocyclic carbene ligands. Inorganica Chimica Acta, 2014, 409, 174-178.	2.4	4
63	New synthetic methods of Ï€-conjugated inclusion complexes with high conductivity. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 165-175.	1.6	8
64	Synthesis of functionalized insulated molecular wires by polymerization of an insulated Ï€-conjugated monomer. Chemical Communications, 2014, 50, 658-660.	4.1	20
65	Enhancement of Phosphorescence and Unimolecular Behavior in the Solid State by Perfect Insulation of Platinumâ€“Acetylide Polymers. Journal of the American Chemical Society, 2014, 136, 14714-14717.	13.7	58
66	Regioselective transformation of alkynes catalyzed by a copper hydride or boryl copper species. Catalysis Science and Technology, 2014, 4, 1699.	4.1	148
67	Palladium-catalyzed formal arylacylation of allenes employing acid chlorides and arylboronic acids. Chemical Communications, 2014, 50, 8476-8479.	4.1	10
68	Copperâ€Catalyzed Borylative Allylâ€“Allyl Coupling Reaction. Angewandte Chemie - International Edition, 2014, 53, 9007-9011.	13.8	99
69	Nickel-Catalyzed Double Carboxylation of Alkynes Employing Carbon Dioxide. Organic Letters, 2014, 16, 4960-4963.	4.6	96
70	Copper-Catalyzed Alkylâ€“Alkyl Cross-Coupling Reactions Using Hydrocarbon Additives: Efficiency of Catalyst and Roles of Additives. Journal of Organic Chemistry, 2014, 79, 8522-8532.	3.2	42
71	Synthesis of One-Dimensional Metal-Containing Insulated Molecular Wire with Versatile Properties Directed toward Molecular Electronics Materials. Journal of the American Chemical Society, 2014, 136, 1742-1745.	13.7	77
72	Cobalt-catalyzed carboxylation of propargyl acetates with carbon dioxide. Chemical Communications, 2014, 50, 13052-13055.	4.1	72

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73	Iron oxide catalyzed reduction of acid chlorides to aldehydes with hydrosilanes. Catalysis Communications, 2014, 50, 25-28.	3.3	8
74	Insulated Ï€-conjugated metallopolymers. Tetrahedron Letters, 2014, 55, 4035-4043.	1.4	23
75	Synthesis and Redox Response of Insulated Molecular Wire Elongated through Ironâ€“Terpyridine Coordination Bonds. Chemistry Letters, 2014, 43, 1289-1291.	1.3	8
76	Molecular Wiring Method Based on Polymerization or Copolymerization of an Insulated Ï€-Conjugated Monomer. Bulletin of the Chemical Society of Japan, 2014, 87, 871-873.	3.2	9
77	Encapsulation by Cyclic Porphyrin Dimers Using Various Interaction Modes. Chemistry Letters, 2014, 43, 1374-1376.	1.3	8
78	Highly Selective Copperâ€Catalyzed Hydroboration of Allenes and 1,3â€Dienes. Chemistry - A European Journal, 2013, 19, 7125-7132.	3.3	214
79	Copperâ€Catalyzed Borylation of Î±â€Alkoxy Allenes with Bis(pinacolato)diboron: Efficient Synthesis of 2â€Boryl 1,3â€Butadienes. Angewandte Chemie - International Edition, 2013, 52, 12400-12403.	13.8	94
80	Design principle for increasing charge mobility of Ï€-conjugated polymers using regularly localized molecular orbitals. Nature Communications, 2013, 4, 1691.	12.8	115
81	Palladiumâ€Catalyzed Reduction of Carboxylic Acids to Aldehydes with Hydrosilanes in the Presence of Pivalic Anhydride. Advanced Synthesis and Catalysis, 2013, 355, 3420-3424.	4.3	26
82	Nickelâ€Catalyzed Coupling of Thiomethylâ€Substituted 1,3â€Benzothiazoles with Secondary Alkyl Grignard Reagents. Chemistry - A European Journal, 2013, 19, 2951-2955.	3.3	25
83	Nickelï£¿Butadiene Catalytic System for the Crossâ€Coupling of Bromoalkanoic Acids with Alkyl Grignard Reagents: A Practical and Versatile Method for Preparing Fatty Acids. Chemistry - A European Journal, 2013, 19, 2956-2960.	3.3	26
84	Palladium-Catalyzed Formal Hydroacylation of Allenes Employing Acid Chlorides and Hydrosilanes. Organic Letters, 2013, 15, 2286-2289.	4.6	25
85	Palladium-Catalyzed Reduction of Acid Chlorides to Aldehydes with Hydrosilanes. Synlett, 2012, 23, 2389-2392.	1.8	12
86	Synthesis of Insulated Ptâ€“Alkynyl Complex Polymer. Chemistry Letters, 2012, 41, 652-653.	1.3	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. Chemical Communications, 2012, 48, 9313.	4.1	57
88	Copperâ€Catalyzed Silacarboxylation of Internal Alkynes by Employing Carbon Dioxide and Silylboranes. Angewandte Chemie - International Edition, 2012, 51, 11487-11490.	13.8	141
89	Synthesis of an insulated molecular wire by click polymerization. Chemical Communications, 2012, 48, 1577-1579.	4.1	30
90	Single-Molecule Conductance of Ï€-Conjugated Rotaxane: New Method for Measuring Stipulated Electric Conductance of Ï€-Conjugated Molecular Wire Using STM Break Junction. Small, 2012, 8, 726-730.	10.0	67

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91	Nickel-Catalyzed Carboxylation of Aryl and Vinyl Chlorides Employing Carbon Dioxide. Journal of the American Chemical Society, 2012, 134, 9106-9109.	13.7	308
92	Palladium-catalyzed esterification of aryl halides using aryl formates without the use of external carbon monoxide. Chemical Communications, 2012, 48, 8012.	4.1	102
93	Iridium-Catalyzed Addition of Aroyl Chlorides and Aliphatic Acid Chlorides to Terminal Alkynes. Journal of the American Chemical Society, 2012, 134, 1268-1274.	13.7	62
94	Copperâ€Catalyzed Highly Selective Semihydrogenation of Nonâ€Polar Carbonâ€Carbon Multiple Bonds using a Silane and an Alcohol. Advanced Synthesis and Catalysis, 2012, 354, 1542-1550.	4.3	137
95	Copperâ€Catalyzed Highly Regioâ€and Stereoselective Directed Hydroboration of Unsymmetrical Internal Alkynes: Controlling Regioselectivity by Choice of Catalytic Species. Chemistry - A European Journal, 2012, 18, 4179-4184.	3.3	174
96	Ruthenium-catalyzed ring-closing metathesis accelerated by long-range steric effect. Chemical Communications, 2011, 47, 9699.	4.1	22
97	Silver-Catalyzed Regioselective Carbomagnesiation of Alkynes with Alkyl Halides and Grignard Reagents. Organic Letters, 2011, 13, 4656-4659.	4.6	30
98	Synthesis of a head-to-tail-type cyclodextrin-based insulated molecular wire. Chemical Communications, 2011, 47, 6816.	4.1	34
99	Permethylated cyclodextrin-based insulated molecular wires. Polymer Chemistry, 2011, 2, 2444.	3.9	51
100	Transition Metal Catalyzed Alkylation at sp3-, sp2-, and sp-Carbons. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 1271-1281.	0.1	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. Chemistry Letters, 2011, 40, 1024-1026.	1.3	23
102	Pd-catalyzed cross-coupling reactions of alkyl halides. Chemical Society Reviews, 2011, 40, 4937.	38.1	393
103	Ï€â€conjugated molecules covered by permethylated cyclodextrins. Chemical Record, 2011, 11, 269-283.	5.8	34
104	Palladiumâ€Catalyzed Hydroesterification of Alkynes Employing Aryl Formates without the Use of External Carbon Monoxide. Advanced Synthesis and Catalysis, 2011, 353, 475-482.	4.3	95
105	Copperâ€Catalyzed Hydrocarboxylation of Alkynes Using Carbon Dioxide and Hydrosilanes. Angewandte Chemie - International Edition, 2011, 50, 523-527.	13.8	313
106	Palladium(II) complexes bearing a salicylaldiminato ligand with a hydroxyl group: Synthesis, structures, deprotonation, and catalysis. Inorganica Chimica Acta, 2011, 368, 237-241.	2.4	1
107	Cross-coupling of Grignard reagents with alkyl halides or tosylates by the use of nickel or palladium containing perovskite. Tetrahedron Letters, 2011, 52, 774-776.	1.4	20
108	Synthesis of Linked Symmetric [3]Rotaxane Having an Oligomeric Phenyleneâ€“Ethynylene Unit as a Ï€ Guest via Double Sonogashira Cross-coupling. Chemistry Letters, 2010, 39, 518-519.	1.3	14

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109	Nickelâ€Catalyzed Regioselective Carbomagnesation of Methylenecyclopropanes through a Siteâ€Selective Carbonâ€“Carbon Bond Cleavage. Angewandte Chemie - International Edition, 2010, 49, 144-147.	13.8	48
110	Copperâ€Catalyzed Hydrosilylation with a Bowlâ€Shaped Phosphane Ligand: Preferential Reduction of a Bulky Ketone in the Presence of an Aldehyde. Angewandte Chemie - International Edition, 2010, 49, 1472-1476.	13.8	89
111	Synthesis of Highly Insulated Molecular Wires by Polymerization of Organicâ€Soluble Symmetrical Linked Inclusion Complex Monomers. Macromolecular Symposia, 2010, 297, 54-60.	0.7	7
112	Transition-Metal-Catalyzed Additions of Carbonyl Functionalities to Alkynes. Synlett, 2010, 2010, 2537-2548.	1.8	2
113	Palladium-Catalyzed Intermolecular Addition of Formamides to Alkynes. Journal of the American Chemical Society, 2010, 132, 2094-2098.	13.7	109
114	Iridium-Catalyzed Annulation of N-Arylcarbamoyl Chlorides with Internal Alkynes. Journal of the American Chemical Society, 2010, 132, 9602-9603.	13.7	92
115	Synthesis of linked symmetrical [3] and [5]rotaxanes having an oligomeric phenylene ethynylene (OPE) core skeleton as a Ï€-conjugated guest via double intramolecular self-inclusion. Tetrahedron Letters, 2009, 50, 1146-1150.	1.4	22
116	Nickel-catalyzed cross-coupling of unactivated alkyl halides and tosylate carrying a functional group with alkyl and phenyl Grignard reagents. Tetrahedron Letters, 2009, 50, 5644-5646.	1.4	36
117	Silver-catalyzed carbomagnesiation of terminal aryl and silyl alkynes and enynes in the presence of 1,2-dibromoethane. Chemical Communications, 2009, , 1115.	4.1	39
118	Ni-catalyzed regioselective three-component coupling of alkyl halides, arylalkynes, or enynes with Râ€“M (M = MgXâ€², ZnXâ€²). Chemical Communications, 2009, , 7336.	4.1	72
119	Non-catalytic conversion of Câ€“F bonds of benzotrifluorides to Câ€“C bonds using organoaluminium reagents. Chemical Communications, 2009, , 6011.	4.1	79
120	Synthesis of Organic-Soluble Conjugated Polyrotaxanes by Polymerization of Linked Rotaxanes. Journal of the American Chemical Society, 2009, 131, 16004-16005.	13.7	104
121	Iridium-Catalyzed Addition of Acid Chlorides to Terminal Alkynes. Journal of the American Chemical Society, 2009, 131, 6668-6669.	13.7	97
122	Insulated Molecular Wire with Highly Conductive Ï€-Conjugated Polymer Core. Journal of the American Chemical Society, 2009, 131, 18046-18047.	13.7	107
123	Organic conducting wire formation on a TiO2 nanocrystalline structure: towards long-lived charge separated systems. Chemical Communications, 2009, , 4360.	4.1	12
124	A Triarylphosphine Ligand Bearing Dodeca(ethylene glycol) Chains: Enhanced Efficiency in the Palladium-Catalyzed Suzukiâ^'Miyaura Coupling Reaction. Organic Letters, 2009, 11, 2121-2124.	4.6	70
125	Synthesis of a Linked [1]â€“[1]Rotaxane. Chemistry Letters, 2009, 38, 190-191.	1.3	12
126	Synthesis of an Organic-soluble Ï€-Conjugated [1]Rotaxane. Chemistry Letters, 2009, 38, 76-77.	1.3	26

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127	Titanoceneâ€Catalyzed Regioselective Alkylation of Styrenes with Grignard Reagents Using Î²â€Bromoethyl Ethers, Thioethers, or Amines. Chemistry - an Asian Journal, 2008, 3, 1472-1478.	3.3	33
128	Cross-Coupling Reaction of Alkyl Halides with Grignard Reagents Catalyzed by Ni, Pd, or Cu Complexes with Ï€-Carbon Ligand(s). Accounts of Chemical Research, 2008, 41, 1545-1554.	15.6	337
129	Cu-catalyzed regioselective carbomagnesiation of dienes and enynes with sec- and tert-alkyl Grignard reagents. Chemical Communications, 2008, , 1332.	4.1	48
130	Titanocene-catalyzed alkylative dimerization of vinyl Grignard reagent using alkyl halides. Chemical Communications, 2008, , 5836.	4.1	11
131	Platinum-Catalyzed Regio- and Stereoselective Arylthiolation of Internal Alkynes. Organic Letters, 2008, 10, 101-104.	4.6	81
132	Carbon-carbon bond-forming reactions using alkyl fluorides. Pure and Applied Chemistry, 2008, 80, 941-951.	1.9	32
133	Lecture Tour upon Receiving the MBLA 2006. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 389-395.	0.1	0
134	Pd-catalyzed Coupling Reaction of Allyl and Propargyl Ethers with Chlorosilanes. Chemistry Letters, 2007, 36, 236-237.	1.3	11
135	Conversion of (sp3)Câ€“F Bonds of Alkyl Fluorides to (sp3)Câ€“Heteroatom (Heteroatom = I, SR, SeR, TeR) Bonds by the Use of Magnesium Reagents Having Heteroatom Substituents. Chemistry Letters, 2007, 36, 196-197.	1.3	21
136	N-Carbonylation of Lithium Azaenolates of Amides, Formamides, Ureas, and Carbamates with Carbon Monoxide Mediated by Selenium. Journal of Organic Chemistry, 2007, 72, 273-276.	3.2	17
137	Cross-coupling of alkyl halides with Grignard reagents using nickel and palladium complexes bearing Î·3-allyl ligand as catalysts. Chemical Communications, 2007, , 825-827.	4.1	58
138	Conversion of a (sp3)Câ€“F bond of alkyl fluorides to (sp3)Câ€“X (X = Cl, C, H, O, S, Se, Te, N) bonds using organoaluminium reagents. Chemical Communications, 2007, , 855-857.	4.1	94
139	Copper-Catalyzed Cross-Coupling Reaction of Grignard Reagents with Primary-Alkyl Halides: Remarkable Effect of 1-Phenylpropyne. Angewandte Chemie - International Edition, 2007, 46, 2086-2089.	13.8	212
140	Definitive Evidence for the Insertion of Terminal Alkynes into ArylSï£¿Pt Bonds: â€œoâ€Halogen Effectâ€•in Stoichiometric and Catalytic Reactions. Angewandte Chemie - International Edition, 2007, 46, 5929-5933.	13.8	47
141	Nickel-catalyzed dimerization coupling reactions of vinyl Grignard reagents with 3, 4-membered cyclic ethers and chlorosilanes. Tetrahedron, 2007, 63, 6635-6641.	1.9	8
142	Silylation and alkylation of allenes using chlorosilanes and alkyl halides in the presence of palladium catalyst and Grignard reagents. Journal of Organometallic Chemistry, 2007, 692, 375-381.	1.8	19
143	Transition metal catalyzed carbon-silicon bond forming reactions using chlorosilanes promoted by Grignard reagents. Chemical Record, 2007, 7, 57-67.	5.8	33
144	â€œÎ²-cis-SAr effectâ€•on decarbonylation from Î±,Î²-unsaturated acyl and aroyl complexes. Chemical Communications, 2006, , 868.	4.1	44

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145	cis-to-trans Isomerization Promoted by Pyridine as a Crucial Step for the Selective Preparation oftrans-Pt(SAr)(Cl)(PArâ€˜3)2. Inorganic Chemistry, 2006, 45, 1399-1404.	4.0	21
146	Reactions of Î±,Î²-Unsaturated Thioesters with Platinum(0):Â Implication of a Dual Mechanism Leading to the Formation of Acyl Platinumâ€. Organometallics, 2006, 25, 2949-2959.	2.3	15
147	Transition Metal-Catalyzed Câ€“C Bond Formation Reactions Using Alkyl Halides. Bulletin of the Chemical Society of Japan, 2006, 79, 663-672.	3.2	100
148	The first definitive example of oxidative addition of acyclic vinyl selenide to M(0) complex. Journal of Organometallic Chemistry, 2006, 691, 1873-1878.	1.8	22
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