

Jun Terao

List of Publications by Year in descending order

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192
papers

9,367
citations

30047

54
h-index

46771

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. <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-[1]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 Spiroyrans 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(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 N -(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 Kyokashii/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 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
131	Platinum-Catalyzed Regio- and Stereoselective Arylthiolation of Internal Alkynes. <i>Organic Letters</i> , 2008, 10, 101-104.	2.4	81
132	Carbon-carbon bond-forming reactions using alkyl fluorides. <i>Pure and Applied Chemistry</i> , 2008, 80, 941-951.	0.9	32
133	Lecture Tour upon Receiving the MBLA 2006. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2008, 66, 389-395.	0.0	0
134	Pd-catalyzed Coupling Reaction of Allyl and Propargyl Ethers with Chlorosilanes. <i>Chemistry Letters</i> , 2007, 36, 236-237.	0.7	11
135	Conversion of (sp ³)C-F Bonds of Alkyl Fluorides to (sp ³)C-Heteroatom (Heteroatom = I, SR, SeR, TeR) Bonds by the Use of Magnesium Reagents Having Heteroatom Substituents. <i>Chemistry Letters</i> , 2007, 36, 196-197.	0.7	21
136	N-Carbonylation of Lithium Azaenolates of Amides, Formamides, Ureas, and Carbamates with Carbon Monoxide Mediated by Selenium. <i>Journal of Organic Chemistry</i> , 2007, 72, 273-276.	1.7	17
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