

Kazuhiko Takai

List of Publications by Year in descending order

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223
papers

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25423

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all docs

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docs citations

325
times ranked

5968
citing authors

#	ARTICLE	IF	CITATIONS
1	Birch Reduction of Arenes Using Sodium Dispersion and DMI under Mild Conditions. <i>Chemistry Letters</i> , 2022, 51, 38-40.	0.7	9
2	A Transmetallation Pathway to a Dinuclear Chromium η^4 -Methylene Complex. <i>Chemistry Letters</i> , 2022, 51, 525-528.	0.7	0
3	A trinuclear chromium(III) chlorocarbene. <i>Chemical Communications</i> , 2021, 57, 5199-5202.	2.2	5
4	Structural elucidation of a methylenation reagent of esters: synthesis and reactivity of a dinuclear titanium(η^3) methylene complex. <i>Chemical Science</i> , 2021, 12, 3509-3515.	3.7	3
5	Molybdenum-Catalyzed Deoxygenative Cyclization of Carbonyl Compounds for the Synthesis of Pyrido[2,1- <i>a</i>]isoindoles. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 753-756.	1.3	15
6	Halogen-sodium exchange enables efficient access to organosodium compounds. <i>Communications Chemistry</i> , 2021, 4, .	2.0	30
7	Chromium carbides and cyclopropenylidenes. <i>Chemical Science</i> , 2021, 12, 14281-14287.	3.7	5
8	Regioselective Sequential Silylation and Borylation of Aromatic Aldimines as a Strategy for Programming Synthesis of Multifunctionalized Benzene Derivatives. <i>Organic Letters</i> , 2020, 22, 316-321.	2.4	7
9	Cyclization of 5-alkynones with chromium alkylidene equivalents generated <i>in situ</i> from <i>gem</i> -dichromiomethanes. <i>Chemical Communications</i> , 2020, 56, 9711-9714.	2.2	6
10	Cyclization of 1, <i>n</i> -Enynes Initiated by the Addition Reaction of <i>gem</i> -Dichromiomethane Reagents to Alkynes. <i>Organic Letters</i> , 2020, 22, 3985-3988.	2.4	13
11	Rhenium-Catalyzed Cyclization via 1,2-Iodine and 1,5-Hydrogen Migration for the Synthesis of 2-Iodo-1- <i>H</i> -indenes. <i>Organic Letters</i> , 2019, 21, 6756-6760.	2.4	13
12	Mechanistic Insights into Rhenium-Catalyzed Regioselective $C\equiv C$ Alkenylation of Phenols with Internal Alkynes. <i>Chemistry - A European Journal</i> , 2019, 25, 15189-15197.	1.7	8
13	Regioselective arene homologation through rhenium-catalyzed deoxygenative aromatization of 7-oxabicyclo[2.2.1]hepta-2,5-dienes. <i>Chemical Communications</i> , 2019, 55, 2332-2335.	2.2	26
14	Deoxygenative Insertion of Carbonyl Carbon into a $C(sp^3)-H$ Bond: Synthesis of Indolines and Indoles. <i>Journal of the American Chemical Society</i> , 2019, 141, 9832-9836.	6.6	37
15	Rhenium-Catalyzed Regioselective <i>ortho</i> -Alkenylation and [3 + 2 + 1] Cycloaddition of Phenols with Internal Alkynes. <i>Organic Letters</i> , 2019, 21, 3441-3445.	2.4	14
16	Organosodium compounds for catalytic cross-coupling. <i>Nature Catalysis</i> , 2019, 2, 297-303.	16.1	57
17	Lithium-Free Synthesis of Sodium 2,2,6,6-tetramethylpiperidide and Its Synthetic Applications. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3120-3123.	2.1	32
18	Regioselective Functionalization of 9,9-Dimethyl-9-silafluorenes by Borylation, Bromination, and Nitration. <i>Journal of Organic Chemistry</i> , 2019, 84, 5667-5676.	1.7	7

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19	Chromium-Mediated Stannylcyclopropanation of Alkenes with (Diiodomethyl)stannanes. <i>Organic Letters</i> , 2019, 21, 2668-2672.	2.4	13
20	Palladium-catalyzed double-bond migration of unsaturated hydrocarbons accelerated by tantalum chloride. <i>Chemical Communications</i> , 2019, 55, 2769-2772.	2.2	12
21	Unsymmetrical Difunctionalization of Two Different C-H Bonds in One Pot Under Transition-Metal Catalysis. <i>Synthesis</i> , 2019, 51, 40-54.	1.2	17
22	Iridium-Catalyzed Sequential Silylation and Borylation of Heteroarenes Based on Regioselective C-H Bond Activation. <i>Angewandte Chemie</i> , 2018, 130, 5945-5949.	1.6	8
23	Iridium-Catalyzed Sequential Silylation and Borylation of Heteroarenes Based on Regioselective C-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5843-5847.	7.2	43
24	Amine-Promoted anti-Markovnikov Addition of 1,3-Dicarbonyl Compounds with Terminal Alkynes under Rhenium Catalysis. <i>ACS Catalysis</i> , 2018, 8, 5454-5459.	5.5	24
25	Capturing the Crystal Structure of the Key Species!. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 640-643.	0.0	0
26	Use of Cyclopropane as C1 Synthetic Unit by Directed Retro-Cyclopropanation with Ethylene Release. <i>Journal of the American Chemical Society</i> , 2018, 140, 15425-15429.	6.6	25
27	Catalytic Cleavage and Reformation of Ethereal C-F Bonds. <i>Chemistry Letters</i> , 2018, 47, 927-930.	0.7	7
28	Rhenium-Catalyzed Construction of Polycyclic Hydrocarbon Frameworks by a Unique Cyclization of 1,3-Diynes Initiated by 1,1-Difunctionalization with Carbon Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5862-5866.	7.2	40
29	Rhodium-Catalyzed Silylative and Germylative Cyclization with Dehydrogenation Leading to 9-Sila- and 9-Germafluorenes: A Combined Experimental and Computational Mechanistic Study. <i>Chemistry - A European Journal</i> , 2017, 23, 10861-10870.	1.7	34
30	Iridium-catalyzed Dehydrogenative Dimerization of Benzylmethylsilanes via Silylation of C(sp ³)-H Bonds Adjacent to a Silicon Atom. <i>Chemistry Letters</i> , 2017, 46, 1044-1047.	0.7	19
31	Synthesis of Borylcyclopropanes by Chromium-Promoted Cyclopropanation of Unactivated Alkenes. <i>Organic Letters</i> , 2017, 19, 6104-6107.	2.4	42
32	Azulene-Fused Linear Polycyclic Aromatic Hydrocarbons with Small Bandgap, High Stability, and Reversible Stimuli Responsiveness. <i>Organic Letters</i> , 2017, 19, 5585-5588.	2.4	87
33	Iridium-catalysed hydrosilylation of cyclopropanes via regioselective carbon-carbon bond cleavage. <i>Chemical Communications</i> , 2017, 53, 9281-9284.	2.2	12
34	Rhenium-Catalyzed Construction of Polycyclic Hydrocarbon Frameworks by a Unique Cyclization of 1,3-Diynes Initiated by 1,1-Difunctionalization with Carbon Nucleophiles. <i>Angewandte Chemie</i> , 2017, 129, 5956-5960.	1.6	10
35	Structural Characterization and Unique Catalytic Performance of Silyl-Group-Substituted Geminal Dichromiummethane Complexes Stabilized with a Diamine Ligand. <i>Journal of the American Chemical Society</i> , 2017, 139, 13184-13192.	6.6	27
36	Rhodium-Catalyzed Synthesis of Chiral Spiro-silabifluorenes by Dehydrogenative Silylation: Mechanistic Insights into the Construction of Tetraorganosilicon Stereocenters. <i>Chemistry - A European Journal</i> , 2016, 22, 6048-6058.	1.7	105

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37	Molybdenum-Catalyzed Stereospecific Deoxygenation of Epoxides to Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3966-3970.	2.1	29
38	Synthesis of Linear Allylsilanes via Molybdenum-Catalyzed Regioselective Hydrosilylation of Allenes. <i>ACS Catalysis</i> , 2016, 6, 3387-3395.	5.5	43
39	Synthesis and Properties of Sila[<i>n</i>]helicenes via Dehydrogenative Silylation of C-H Bonds under Rhodium Catalysis. <i>Organic Letters</i> , 2016, 18, 4380-4383.	2.4	52
40	Palladium-Catalyzed Direct Arylation of Azulene Based on Regioselective C-H Bond Activation. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 629-635.	1.3	42
41	Trace Amounts of Second Metal Elements Can Play a Key Role in the Generation of Organometallic Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1511-1529.	2.0	10
42	Short Synthesis of [5] and [7]Phenacenes with Silyl Groups at the Axis Positions. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2518-2524.	1.7	10
43	Rhodium-Catalyzed Synthesis of Benzosilolometallocenes via the Dehydrogenative Silylation of C(sp ²)-H Bonds. <i>Organic Letters</i> , 2015, 17, 3102-3105.	2.4	121
44	Stereospecific Deoxygenation of Aliphatic Epoxides to Alkenes under Rhenium Catalysis. <i>Organic Letters</i> , 2015, 17, 3346-3349.	2.4	36
45	Isolation and Structural Characterization of Geminal Di(iodozincio)methane Complexes Stabilized with Nitrogen Ligands. <i>Journal of the American Chemical Society</i> , 2015, 137, 114-117.	6.6	20
46	Iridium-Catalyzed Intermolecular Dehydrogenative Silylation of Polycyclic Aromatic Compounds without Directing Groups. <i>Chemistry - A European Journal</i> , 2015, 21, 4566-4570.	1.7	40
47	Transition-Metal-Catalyzed Facile Access to 3,11-Dialkylfulminenes for Transistor Applications. <i>Organic Letters</i> , 2015, 17, 708-711.	2.4	22
48	Rhenium-catalysed dehydrogenative borylation of primary and secondary C(sp ³)-H bonds adjacent to a nitrogen atom. <i>Chemical Communications</i> , 2015, 51, 4583-4586.	2.2	28
49	Rhenium-Catalyzed anti-Markovnikov Addition Reaction of Methanetricarboxylates to Unactivated Terminal Acetylenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 1452-1457.	6.6	31
50	Acceleration Effects of Phosphine Ligands on the Rhodium-Catalyzed Dehydrogenative Silylation and Germylation of Unactivated C(sp ³)-H Bonds. <i>Journal of Organic Chemistry</i> , 2015, 80, 5407-5414.	1.7	115
51	Iridium-Catalyzed Dehydrogenative Silylation of Azulenes Based on Regioselective C-H Bond Activation. <i>Organic Letters</i> , 2015, 17, 1798-1801.	2.4	69
52	Rhodium-Catalyzed Dehydrogenative Germylation of C-H Bonds: New Entry to Unsymmetrically Functionalized 9-Germafluorenes. <i>Organic Letters</i> , 2014, 16, 6492-6495.	2.4	46
53	Rhenium-Catalyzed Synthesis of 2-H-1,2-Oxaphosphorin 2-Oxides via the Regio- and Stereoselective Addition Reaction of β^2 -Keto Phosphonates with Alkynes. <i>Organic Letters</i> , 2014, 16, 5784-5787.	2.4	22
54	Bismuth-Catalyzed Synthesis of Polycyclic Aromatic Hydrocarbons (PAHs) with a Phenanthrene Backbone via Cyclization and Aromatization of 2-(2-Arylphenyl)vinyl Ethers. <i>Organic Letters</i> , 2014, 16, 4134-4137.	2.4	64

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55	Bismuth(III)-Catalyzed Dehydrative Etherification and Thioetherification of Phenolic Hydroxy Groups. <i>Organic Letters</i> , 2014, 16, 3828-3831.	2.4	36
56	Rhodium-Catalyzed Intramolecular Silylation of Unactivated C(sp ³)-H Bonds. <i>Organic Letters</i> , 2013, 15, 426-428.	2.4	93
57	Rhodium-Catalyzed Asymmetric Synthesis of Spirosilabifluorene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1520-1522.	7.2	224
58	Palladium-Catalyzed <i>ortho</i> -Selective C-H Borylation of 2-Phenylpyridine and Its Derivatives at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4431-4434.	7.2	90
59	Development of Novel and Highly Efficient Methods to Construct Carbon-Carbon Bonds Using Group 7 Transition-Metal Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 656-671.	2.0	32
60	Palladium-Catalyzed Synthesis of a Phosphine Oxide with a Chiral Phosphorus Center via C-H Phosphination. <i>Heterocycles</i> , 2012, 85, 3029.	0.4	15
61	Rhenium-Catalyzed Regio- and Stereoselective Synthesis of β -Thio- α,β -unsaturated Ketones via Insertion of Terminal Alkynes into the C-S Bond. <i>Organic Letters</i> , 2012, 14, 6116-6118.	2.4	14
62	Rhenium-Catalyzed Regioselective Synthesis of Multisubstituted Pyridines from β -Enamino Ketones and Alkynes via C-C Bond Cleavage. <i>Organic Letters</i> , 2012, 14, 3182-3185.	2.4	86
63	Rhenium-catalyzed allylation of C-H bonds of benzoic and acrylic acids. <i>Chemical Communications</i> , 2011, 47, 10791.	2.2	61
64	Rhenium-Catalyzed Regio- and Stereoselective Addition of Two Carbon Units to Terminal Alkynes via Carbon-Carbon Bond Cleavage of β -Keto Sulfoxides. <i>Organic Letters</i> , 2011, 13, 2959-2961.	2.4	46
65	Palladium-Catalyzed Synthesis of Dibenzophosphole Oxides via Intramolecular Dehydrogenative Cyclization. <i>Journal of Organic Chemistry</i> , 2011, 76, 7370-7376.	1.7	140
66	Organic Reactions Catalyzed by Rhenium Carbonyl Complexes. <i>Chemical Reviews</i> , 2011, 111, 1938-1953.	23.0	230
67	Indium-Catalyzed Construction of Polycyclic Aromatic Hydrocarbon Skeletons via Dehydration. <i>Journal of Organic Chemistry</i> , 2011, 76, 7005-7009.	1.7	101
68	Manganese-Catalyzed Cleavage of a Carbon-Carbon Single Bond between Carbonyl Carbon and α -Carbon Atoms of Ketones. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10406-10408.	7.2	73
69	Rhenium-catalyzed insertion of terminal alkenes into a C(sp ²)-H bond and successive transfer hydrogenation. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 348-351.	0.8	9
70	Synthesis of meso-Substituted Tetraarylalkynylporphyrins via Rhenium-Catalyzed Formation of Naphthalene Units. <i>Synlett</i> , 2011, 2011, 2177-2180.	1.0	6
71	Synthesis of Multisubstituted Cyclopentadienes from Cyclopentenones Prepared via Catalytic Double Aldol Condensation and Nazarov Reaction Sequence. <i>Synlett</i> , 2011, 2011, 2585-2589.	1.0	7
72	Rhenium-catalyzed Regioselective Synthesis of Phenol Derivatives from 1,3-Diesters and Terminal Alkynes. <i>Chemistry Letters</i> , 2010, 39, 894-895.	0.7	15

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73	Rhenium-Catalyzed Diastereoselective Synthesis of Aminoindanes via the Insertion of Allenes into a C-H Bond. <i>Organic Letters</i> , 2010, 12, 4274-4276.	2.4	101
74	Synthesis of Functionalized Pentacenes from Isobenzofurans Derived from C-H Bond Activation. <i>Organic Letters</i> , 2010, 12, 5287-5289.	2.4	28
75	Indium-Catalyzed Synthesis of Keto Esters from Cyclic 1,3-Diketones and Alcohols and Application to the Synthesis of Seratrodast. <i>Chemistry - an Asian Journal</i> , 2010, 5, 941-945.	1.7	16
76	Cross-Coupling Reactions between C(sp ²)-H and C(sp ³)-H Bonds via Sequential Dehydrogenation and C-H Insertion. <i>Synlett</i> , 2010, 2010, 2883-2886.	1.0	9
77	Rhenium- and manganese-catalyzed carbon-carbon bond formation using 1,3-dicarbonyl compounds and alkynes. <i>Pure and Applied Chemistry</i> , 2010, 82, 1491-1501.	0.9	10
78	Rhenium-Catalyzed Synthesis of Indenones by Novel Dehydrative Trimerization of Aryl Aldehydes via C-H Bond Activation. <i>Organic Letters</i> , 2010, 12, 2948-2950.	2.4	75
79	Rhenium- and Manganese-Catalyzed Synthesis of Aromatic Compounds from 1,3-Dicarbonyl Compounds and Alkynes. <i>Journal of Organic Chemistry</i> , 2010, 75, 334-341.	1.7	47
80	Iron-catalyzed synthesis of glycine derivatives via carbon-nitrogen bond cleavage using diazoacetate. <i>Chemical Communications</i> , 2010, 46, 8860.	2.2	45
81	Rhodium-Catalyzed Synthesis of Silafluorene Derivatives via Cleavage of Silicon-Hydrogen and Carbon-Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 14324-14326.	6.6	212
82	Regioselective functionalization of alkanes by sequential dehydrogenation-hydrozirconation. <i>Chemical Communications</i> , 2010, 46, 5310.	2.2	11
83	Generation of Novel Nucleophilic Organometallic Species and Their Applications to Organic Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2010, 68, 3-18.	0.0	3
84	Rhenium-Catalyzed Formation of Bicyclo[3.3.1]nonene Frameworks by a Reaction of Cyclic β -Keto Esters with Terminal Alkynes. <i>Organic Letters</i> , 2009, 11, 2535-2537.	2.4	41
85	Rhenium-Catalyzed Insertion of Nonpolar and Polar Unsaturated Molecules into an Olefinic C-H Bond. <i>Organic Letters</i> , 2009, 11, 2711-2714.	2.4	87
86	Rhenium-Catalyzed Addition of β -Enamino Esters to Allenes. <i>Synlett</i> , 2009, 2009, 3027-3031.	1.0	7
87	Rhenium- and Manganese-Catalyzed Insertion of Alkynes into a Carbon-Carbon Single Bond of Cyclic and Acyclic 1,3-Dicarbonyl Compounds. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1424-1433.	1.7	42
88	Rhenium-Catalyzed Regioselective Alkylation of Phenols. <i>Journal of the American Chemical Society</i> , 2009, 131, 9914-9915.	6.6	89
89	Tantalum Complexes Incorporating Tris(pyrazolyl)Borate Ligands: Syntheses, Structures, and Ethylene Polymerization Behavior. <i>Organometallics</i> , 2009, 28, 6450-6457.	1.1	23
90	Rhenium-catalyzed Regio- and Stereoselective Dimerization and Cyclotrimerization of Terminal Alkynes. <i>Chemistry Letters</i> , 2009, 38, 836-837.	0.7	37

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91	Rhenium-Catalyzed Synthesis of Stereodefined Cyclopentenes from α -Ketoesters and Aliphatic Allenes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9318-9321.	7.2	22
92	Hydroarylation of acetylenes, acrylates, and isocyanates with heteroaromatic compounds under rhenium catalysis. <i>Tetrahedron</i> , 2008, 64, 5974-5981.	1.0	83
93	Rhenium-Catalyzed Synthesis of Multisubstituted Aromatic Compounds via C-C Single-Bond Cleavage. <i>Organic Letters</i> , 2008, 10, 3133-3135.	2.4	70
94	Manganese-Catalyzed Construction of Tetrasubstituted Benzenes from 1,3-Dicarbonyl Compounds and Terminal Acetylenes. <i>Organic Letters</i> , 2008, 10, 3009-3011.	2.4	61
95	Rhenium- and manganese-catalyzed insertion of acetylenes into α -keto esters: synthesis of 2-pyranones. <i>Chemical Communications</i> , 2008, , 6360.	2.2	65
96	Synthesis of Cp*Re Complexes via Olefinic C-H Activation and Successive Formation of Cyclopentadienes. <i>Journal of the American Chemical Society</i> , 2008, 130, 14062-14063.	6.6	50
97	Rhenium-catalyzed synthesis of indene derivatives via C-H bond activation. <i>Pure and Applied Chemistry</i> , 2008, 80, 1149-1154.	0.9	22
98	Manganese-catalyzed Synthesis of Hydantoin Derivatives from Terminal Alkynes and Isocyanates. <i>Chemistry Letters</i> , 2008, 37, 740-741.	0.7	41
99	Reactions and Mechanistic Studies of Rhenium-Catalyzed Insertion of α,β -Unsaturated Carbonyl Compounds into a C-H Bond. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 1393-1401.	2.0	45
100	Rhenium-catalyzed Coupling of 2-Propynyl Alcohols and Several Nucleophiles via Dehydration. <i>Chemistry Letters</i> , 2008, 37, 878-879.	0.7	31
101	Copper(I)- and Gold(I)-catalyzed Synthesis of 2,4-Disubstituted Quinoline Derivatives from <i>N</i> -Aryl-2-propynylamines. <i>Chemistry Letters</i> , 2007, 36, 1422-1423.	0.7	48
102	Rhenium-catalyzed [2+2] Cycloadditions of Norbornenes with Internal and Terminal Acetylenes. <i>Chemistry Letters</i> , 2007, 36, 1162-1163.	0.7	30
103	Rhenium-catalyzed Amidation of Heteroaromatic Compounds via C-H Bond Activation. <i>Chemistry Letters</i> , 2007, 36, 872-873.	0.7	35
104	Alkyne Exchange Reactions of Silylalkyne Complexes of Tantalum: Mechanistic Investigation and Its Application in the Preparation of New Tantalum Complexes Having Functional Alkynes (PhC \equiv CR (R =) Tj ETQq0 0 DrgBT / Overlock 10		
105	Rhenium-Catalyzed Hydroamidation of Unactivated Terminal Alkynes: Synthesis of (<i>E</i>)-Enamides. <i>Organic Letters</i> , 2007, 9, 5609-5611.	2.4	62
106	Rearrangement of Indene Skeletons under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2007, 72, 6749-6752.	1.7	12
107	Rhenium- and Gold-Catalyzed Coupling of Aromatic Aldehydes with Trimethyl(phenylethynyl)silane: Synthesis of Diethynylmethanes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3296-3299.	7.2	58
108	Manganese-Catalyzed Insertion of Aldehydes into a C-H Bond. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6518-6520.	7.2	230

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109	Indium-Catalyzed Retro-Claisen Condensation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7793-7795.	7.2	119
110	Rhenium-catalyzed synthesis of naphthalene derivatives via insertion of aldehydes into a C-H bond. <i>Tetrahedron</i> , 2007, 63, 8463-8468.	1.0	50
111	Heterosubstituted cyclopropanation of alkenes with organochromium reagents derived from heterosubstituted dihalomethanes, CrCl ₂ , and tetraalkylethylenediamine. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 520-529.	0.8	37
112	Insertion of Polar and Nonpolar Unsaturated Molecules into Carbon-Rhenium Bonds Generated by C-H Bond Activation: Synthesis of Phthalimidine and Indene Derivatives. <i>Journal of the American Chemical Society</i> , 2006, 128, 202-209.	6.6	259
113	Isocyanate acting as a carbonyl precursor: pyridyl group-assisted formation of 4H-pyrido[1,2-a]pyrimidin-4-ones from ketimines and isocyanates. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 203-205.	1.5	14
114	Rhenium-Catalyzed Insertion of Aldehyde into a C-H Bond: Synthesis of Isobenzofuran Derivatives. <i>Journal of the American Chemical Society</i> , 2006, 128, 12376-12377.	6.6	138
115	Sequential Ruthenium-Catalyzed Hydroamination and Rhenium-Catalyzed C-H Bond Activation Leading to Indene Derivatives. <i>Organic Letters</i> , 2006, 8, 2891-2893.	2.4	39
116	Efficient Catalytic Insertion of Acetylenes into a Carbon-Carbon Single Bond of Nonstrained Cyclic Compounds under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2006, 128, 11368-11369.	6.6	102
117	Rhenium-catalyzed Addition of Trimethylsilylacetylene to Aldimines. <i>Chemistry Letters</i> , 2006, 35, 1376-1377.	0.7	33
118	Formal hydrochromination of alkynes under nickel catalysis. Regioselective reductive coupling of alkynes and aldehydes leading to allylic alcohols. <i>Tetrahedron</i> , 2006, 62, 7534-7539.	1.0	15
119	Titanium and Zirconium Complexes with Non-Salicylaldimine-Type Imine-Phenoxy Chelate Ligands: Syntheses, Structures, and Ethylene-Polymerization Behavior. <i>Chemistry - an Asian Journal</i> , 2006, 1, 878-887.	1.7	32
120	Rhenium-Catalyzed Formation of Indene Frameworks via C-H Bond Activation: [3 + 2] Annulation of Aromatic Aldimines and Acetylenes. <i>ChemInform</i> , 2006, 37, no.	0.1	0
121	Rhenium- and Aniline-Catalyzed One-Pot Annulation of Aromatic Ketones and α,β -Unsaturated Esters Initiated by C-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2766-2768.	7.2	118
122	Synthesis of Bis(phenoxyimine) Ti Alkyl Complexes and Observation of Living Species by ¹ H NMR Spectroscopy. <i>Chemistry Letters</i> , 2005, 34, 1382-1383.	0.7	35
123	A Novel Heteroligated Phenoxy-based Titanium Complex: Structure, Stability, and Ethylene Polymerization Behavior. <i>Chemistry Letters</i> , 2005, 34, 1458-1459.	0.7	16
124	Addition of Organochromium Reagents to Carbonyl Compounds. <i>ChemInform</i> , 2005, 36, no.	0.1	0
125	Dramatic Rate Acceleration by a Diphenyl-2-pyridylphosphine Ligand in the Hydration of Nitriles Catalyzed by Ru(acac) ₂ Complexes. <i>Organometallics</i> , 2005, 24, 6287-6290.	1.1	121
126	Rhenium-Catalyzed Insertion of Terminal Acetylenes into a C-H Bond of Active Methylene Compounds. <i>Organic Letters</i> , 2005, 7, 4823-4825.	2.4	104

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127	Rhenium-Catalyzed Formation of Indene Frameworks via C-H Bond Activation: [3+2] Annulation of Aromatic Aldimines and Acetylenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 13498-13499.	6.6	233
128	Preparation of Cyclopropylsilanes from Terminal Alkenes with Organochromium Reagents. <i>Synlett</i> , 2004, 2004, 1347-1350.	1.0	16
129	Stereoselective Iodocyclopropanation of Terminal Alkenes with Iodoform, Chromium(II) Chloride, and N,N,N',N'-Tetraethylethylenediamine. <i>ChemInform</i> , 2004, 35, no.	0.1	0
130	Catalytic Performance of Tantalum-1-2-Alkyne Complexes [TaCl ₃ (R ₁ C≡C/2CR ₂)L ₂] for Alkyne Cyclotrimerization. <i>ChemInform</i> , 2004, 35, no.	0.1	0
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