

Akiya Ogawa

List of Publications by Year in descending order

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246
papers

8,350
citations

44066

48
h-index

76898

74
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272
all docs

272
docs citations

272
times ranked

4092
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Regio- and Stereocontrolled Synthesis of Vinyl Sulfides via Transition-Metal-Catalyzed Hydrothiolation of Alkynes with Thiols. <i>Journal of the American Chemical Society</i> , 1999, 121, 5108-5114.	13.7	256
2	Palladium-catalyzed addition and carbonylative addition of diaryl disulfides and diselenides to terminal acetylenes. <i>Journal of the American Chemical Society</i> , 1991, 113, 9796-9803.	13.7	245
3	The first example of transition-metal-catalyzed addition of aromatic thiols to acetylenes. <i>Journal of the American Chemical Society</i> , 1992, 114, 5902-5903.	13.7	224
4	Benzotrifluoride: A Useful Alternative Solvent for Organic Reactions Currently Conducted in Dichloromethane and Related Solvents. <i>Journal of Organic Chemistry</i> , 1997, 62, 450-451.	3.2	210
5	Chirality Organization of Ferrocenes Bearing Podand Dipeptide Chains: A Synthesis and Structural Characterization. <i>Journal of the American Chemical Society</i> , 2001, 123, 68-75.	13.7	177
6	Activation and reactivity of Group 16 inter-element linkage ²⁺ transition-metal-catalyzed reactions of thiols and selenols. <i>Journal of Organometallic Chemistry</i> , 2000, 611, 463-474.	1.8	163
7	An Efficient Photoinduced Iodoperfluoroalkylation of Carbon-Carbon Unsaturated Compounds with Perfluoroalkyl Iodides. <i>Journal of Organic Chemistry</i> , 2004, 69, 6658-6665.	3.2	124
8	Photo-initiated addition of diphenyl diselenide to acetylenes. <i>Journal of Organic Chemistry</i> , 1991, 56, 5721-5723.	3.2	119
9	Lithium-Tellurium Exchange: A New Entry to Organolithium Compounds. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 1187-1188.	4.4	118
10	A highly ordered ferrocene system regulated by podand peptide chains. <i>Chemical Communications</i> , 1998, , 1963-1964.	4.1	118
11	A Highly Regioselective Cyanothiolation of Alkynes via Oxidative Addition of Thiocyanates to Tetrakis(triphenylphosphine)palladium(0) Catalyst. <i>Organometallics</i> , 2006, 25, 3562-3564.	2.3	110
12	Direct conversion of aldehydes to seleno- and thioaldehydes. <i>Journal of the American Chemical Society</i> , 1988, 110, 1976-1978.	13.7	105
13	The first deoxygenative coupling of amides by an unprecedented samarium/samarium diiodide system. <i>Journal of the American Chemical Society</i> , 1992, 114, 8729-8730.	13.7	101
14	A new access to acyl- and aroyllithiums via lithium-tellurium exchange. <i>Journal of the American Chemical Society</i> , 1990, 112, 455-457.	13.7	100
15	Highly Regioselective Hydrothiocarboxylation of Acetylenes with Carbon Monoxide and Thiols Catalyzed by Pt(PPh ₃) ₄ . <i>Journal of the American Chemical Society</i> , 1997, 119, 12380-12381.	13.7	97
16	Photoinduced Reduction and Carbonylation of Organic Chlorides with Samarium Diiodide. <i>Journal of the American Chemical Society</i> , 1997, 119, 2745-2746.	13.7	91
17	Highly Selective Thioselenation of Vinylcyclopropanes with a (PhS) ₂ ⁺ (PhSe) ₂ Binary System and Its Application to Thiotelluration. <i>Journal of Organic Chemistry</i> , 1999, 64, 86-92.	3.2	91
18	Palladium-Catalyzed Carbonylative Lactonization of Propargyl Alcohols with Organic Dichalcogenides and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , 1997, 62, 8361-8365.	3.2	90

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19	Direct conversion of benzylamines to imines via atmospheric oxidation in the presence of VO(Hpic) ₂ catalyst. Tetrahedron Letters, 2010, 51, 2450-2452.	1.4	89
20	Photoinduced Intramolecular Cyclization of <i>o</i> -Ethenylaryl Isocyanides with Organic Disulfides Mediated by Diphenyl Ditelluride. Journal of Organic Chemistry, 2011, 76, 3880-3887.	3.2	88
21	A highly selective thioselenation of olefins using disulfide-diselenide mixed system. Journal of Organic Chemistry, 1992, 57, 111-115.	3.2	87
22	Highly Regioselective Thioselenation of Acetylenes by Using a (PhS) ₂ ~(PhSe) ₂ Binary System. Journal of Organic Chemistry, 1998, 63, 881-884.	3.2	85
23	Selenium, carbon monoxide and water as a new reduction system: Reductive cleavage of disulfides and diselenides to thiols and selenols. Tetrahedron Letters, 1987, 28, 3271-3274.	1.4	84
24	Cp ₂ VCl ₂ -Catalyzed Meso-Selective Pinacol Coupling Reaction of Aldimines in the Presence of Chlorosilane and Zinc Metal. Journal of Organic Chemistry, 1998, 63, 9421-9424.	3.2	83
25	Synthesis of 2,4-Diiodoquinolines via the Photochemical Cyclization of <i>o</i> -Alkynylaryl Isocyanides with Iodine. Journal of Organic Chemistry, 2011, 76, 1163-1166.	3.2	78
26	The First Example of Transition-Metal-Catalyzed Thioformylation of Acetylenes with Aromatic Thiols and Carbon Monoxide. Journal of the American Chemical Society, 1995, 117, 7564-7565.	13.7	77
27	Photochemical behaviors of tetraphenyldiphosphine in the presence of alkynes. Tetrahedron Letters, 2006, 47, 3919-3922.	1.4	76
28	A Novel Photoinduced Thioselenation of Allenes by Use of a Disulfide~Diselenide Binary System. Journal of Organic Chemistry, 1998, 63, 4277-4281.	3.2	75
29	Highly Regioselective Addition of Benzenethiol to Allenes Catalyzed by Palladium Acetate. Journal of Organic Chemistry, 1996, 61, 4161-4163.	3.2	73
30	Carbotelluration of alkynes. Journal of the American Chemical Society, 1992, 114, 7591-7592.	13.7	72
31	(PhTe) ₂ -Mediated Intramolecular Radical Cyclization of <i>o</i> -Ethinylaryl Isocyanides Leading to Bistellurated Quinolines upon Visible-Light Irradiation. Organic Letters, 2009, 11, 3422-3424.	4.6	72
32	A Catalytic System Consisting of Vanadium, Chlorosilane, and Aluminum Metal in the Stereoselective Pinacol Coupling Reaction of Benzaldehyde Derivatives. Journal of Organic Chemistry, 1999, 64, 7665-7667.	3.2	70
33	Photo-Induced Ditelluration of Acetylenes with Diphenyl Ditelluride. Tetrahedron, 1993, 49, 1177-1188.	1.9	67
34	Palladium(II) Acetate in Pyridine as an Effective Catalyst for Highly Regioselective Hydroselenation of Alkynes. Journal of Organic Chemistry, 2005, 70, 696-698.	3.2	66
35	Highly Selective Hydroiodation of Alkynes Using an Iodine~Hydrophosphine Binary System. Organic Letters, 2010, 12, 1893-1895.	4.6	66
36	Organosulfide~Catalyzed Diboration of Terminal Alkynes under Light. Chemistry - A European Journal, 2015, 21, 13930-13933.	3.3	66

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37	The first example of transition-metal-catalyzed hydroselenation of acetylenes. <i>Tetrahedron Letters</i> , 1992, 33, 5525-5528.	1.4	65
38	Highly Regioselective Simultaneous Introduction of Phosphino and Seleno Groups into Unsaturated Bonds by the Novel Combination of $(\text{Ph})_2\text{P}$ and $(\text{PhSe})_2$ upon Photoirradiation. <i>Journal of Organic Chemistry</i> , 2009, 74, 1751-1754.	3.2	63
39	Highly Selective Sequential Addition and Cyclization Reactions Involving Diphenyl Diselenide, an Alkyne, and Alkenes under Visible-Light Irradiation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3490-3493.	13.8	61
40	Gold-Catalyzed <i>Anti</i> -Markovnikov Selective Hydrothiolation of Unactivated Alkenes. <i>Organic Letters</i> , 2016, 18, 2114-2117.	4.6	61
41	Highly Selective Phosphinylphosphination of Alkenes with Tetraphenyldiphosphine Monoxide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9700-9703.	13.8	60
42	Highly Selective Double Chalcogenation of Isocyanides with Disulfide/Diselenide Mixed Systems. <i>Journal of Organic Chemistry</i> , 2007, 72, 415-423.	3.2	59
43	Photoinduced thiotelluration of isocyanides by using a $(\text{PhS})_2$ / $(\text{PhTe})_2$ mixed system, and its application to bithiolation via radical cyclization. <i>Tetrahedron Letters</i> , 2007, 48, 5953-5957.	1.4	58
44	Photo-initiated addition of diphenyl diselenide to allenes. <i>Tetrahedron Letters</i> , 1990, 31, 5931-5934.	1.4	57
45	A Novel Oxovanadium(V)-Induced Oxidation of Organoaluminum Compounds. Highly Selective Coupling of Organic Substituents on Aluminum. <i>Journal of the American Chemical Society</i> , 1998, 120, 5124-5125.	13.7	55
46	A Novel Three-Component Coupling of Alkynes, Vinylcyclopropanes, and Diphenyl Diselenide under Visible-Light Irradiation. <i>Journal of Organic Chemistry</i> , 2000, 65, 7682-7685.	3.2	55
47	Regioselective Hydrothiolation of Alkenes Bearing Heteroatoms with Thiols Catalyzed by Palladium Diacetate. <i>Journal of Organic Chemistry</i> , 2014, 79, 5028-5035.	3.2	54
48	Synthesis utilizing reducing ability of carbon monoxide. A new method for synthesis of selenocarboxamides: reaction of nitriles with selenium, carbon monoxide, and water. <i>Journal of Organic Chemistry</i> , 1985, 50, 384-386.	3.2	51
49	Platinum-catalyzed highly selective thiocarbonylation of acetylenes with thiols and carbon monoxide. <i>Tetrahedron</i> , 2003, 59, 3521-3526.	1.9	51
50	Towards Rational Modulation of In-Plane Molecular Arrangements in Metal-Organic Framework Nanosheets. <i>ChemPlusChem</i> , 2014, 79, 1352-1360.	2.8	50
51	Highly Selective Three-Component Coupling of Ethyl Propiolate, Alkenes, and Diphenyl Diselenide under Visible-Light Irradiation. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2027-2029.	13.8	49
52	Enhanced Reducing Ability by the Combination of SmI_2 and Sm Metal in the Reduction of Alkyl Halides. <i>Chemistry Letters</i> , 1994, 23, 379-380.	1.3	48
53	A novel C-H insertion via deoxygenation of amides by a Sm/ SmI_2 mixed system. <i>Tetrahedron</i> , 1997, 53, 12895-12902.	1.9	47
54	Transition-Metal-Catalyzed S-H and Se-H Bonds Addition to Unsaturated Molecules. <i>Topics in Organometallic Chemistry</i> , 2011, , 325-360.	0.7	47

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55	A Benzoyl Peroxide/Diphenyl Diselenide Binary System for Functionalization of Alkynes Leading to Alkenyl and Alkynyl Selenides. <i>Journal of Organic Chemistry</i> , 2017, 82, 12477-12484.	3.2	47
56	Photoinduced hydrophosphinylation of alkenes with diphenylphosphine oxide. <i>Tetrahedron Letters</i> , 2009, 50, 624-626.	1.4	46
57	Highly Selective Phosphinylphosphination of Alkenes with Tetraphenyldiphosphine Monoxide. <i>Angewandte Chemie</i> , 2016, 128, 9852-9855.	2.0	46
58	Palladium-catalyzed hydroselenation of allenes with benzeneselenol. <i>Tetrahedron Letters</i> , 1998, 39, 5213-5216.	1.4	45
59	Photochemical intramolecular cyclization of <i>o</i> -alkynylaryl isocyanides with organic dichalcogenides leading to 2,4-bis(chalcogenated) quinolines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3768.	2.8	45
60	Palladium-Catalyzed Synthesis of β -Diimines from Triarylbi-muthines and Isocyanides. <i>Organic Letters</i> , 2015, 17, 3490-3493.	4.6	45
61	Metal-Free Oxidative Coupling of Benzylamines to Imines under an Oxygen Atmosphere Promoted Using Salicylic Acid Derivatives as Organocatalysts. <i>ACS Omega</i> , 2016, 1, 799-807.	3.5	45
62	A new reduction system by the combination of lanthanoid metals (Ln) and LnI ₂ : Deoxygenative coupling of amides to α -diaminoalkenes. <i>Applied Organometallic Chemistry</i> , 1995, 9, 461-466.	3.5	44
63	Platinum(0)-Catalyzed Carbonylative Lactonization of 5-Hydroxy-1-pentyne with Carbon Monoxide in the Presence of Thiols. <i>Organometallics</i> , 1998, 17, 3111-3114.	2.3	44
64	Synthesis utilizing reducing ability of carbon monoxide: a new method for selective synthesis of diorgano selenides and diselenides using selenium-carbon monoxide-water reaction system. <i>Journal of Organic Chemistry</i> , 1991, 56, 3776-3780.	3.2	43
65	Selective sequential addition of diphenyl diselenide to ethyl propiolate and isocyanides upon irradiation with near-UV light. <i>Tetrahedron Letters</i> , 2001, 42, 2317-2319.	1.4	43
66	Synthesis of Selenium Compounds by Free Radical Addition Based on Visible-Light-Activated Se-Se Bond Cleavage. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 814-823.	2.4	43
67	A novel photoinduced reduction system of low-valent samarium species: reduction of organic halides and chalcogenides, and its application to carbonylation with carbon monoxide. <i>Tetrahedron</i> , 2003, 59, 10499-10508.	1.9	42
68	Tetranuclear vanadium complex, (VO) ₄ (hpic) ₄ : a recyclable catalyst for oxidation of benzyl alcohols with molecular oxygen. <i>Dalton Transactions</i> , 2009, , 9708.	3.3	42
69	Oxovanadium(V)-Induced Oxidative Coupling of Organolithium and -magnesium Compounds. <i>Organometallics</i> , 1998, 17, 5713-5716.	2.3	41
70	Photoinduced highly selective thiophosphination of alkynes using a (PhS) ₂ /(Ph ₂ P) ₂ binary system. <i>Tetrahedron Letters</i> , 2008, 49, 4043-4046.	1.4	41
71	Synthesis and Properties of Perfluoroalkyl Phosphine Ligands: Photoinduced Reaction of Diphosphines with Perfluoroalkyl Iodides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1748-1752.	13.8	39
72	Photoinduced Reduction of gem-Dichlorocyclopropanes with SmI ₂ and Benzenethiol. <i>Chemistry Letters</i> , 1997, 26, 275-276.	1.3	38

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73	Photoinduced reduction of group 16 heteroatom compounds with the aid of samarium diiodide. <i>Tetrahedron Letters</i> , 1998, 39, 6341-6342.	1.4	38
74	Highly regioselective iodoperfluoroalkylation of allenes with perfluoroalkyl iodides upon irradiation with near-UV light. <i>Tetrahedron Letters</i> , 2001, 42, 2489-2492.	1.4	38
75	Vanadium-catalyzed green oxidation of benzylic alcohols in water under air atmosphere. <i>Tetrahedron</i> , 2014, 70, 2431-2438.	1.9	38
76	Photo-initiated addition of diphenyl ditelluride to acetylenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1748.	2.0	37
77	Diphenyl diselenide-assisted dithiolation of 1,3-dienes with diphenyl disulfide upon irradiation with near-UV light. <i>Tetrahedron Letters</i> , 1998, 39, 1577-1578.	1.4	37
78	Photoinduced metal-free diboration of alkynes in the presence of organophosphine catalysts. <i>Tetrahedron</i> , 2016, 72, 7832-7838.	1.9	37
79	Transition-metal-catalyzed carbonylation of allenes with carbon monoxide and thiols. <i>Tetrahedron</i> , 2006, 62, 6355-6360.	1.9	36
80	Transition-Metal-Free and Oxidant-Free Cross-Coupling of Arylhydrazines with Disulfides: Base-Promoted Synthesis of Unsymmetrical Aryl Sulfides. <i>Journal of Organic Chemistry</i> , 2017, 82, 6647-6655.	3.2	36
81	A Novel Thermal Addition of Diaryl Diselenides to Acetylenes. <i>Chemistry Letters</i> , 1991, 20, 2241-2242.	1.3	35
82	Diastereoselective pinacol coupling of alkyl aryl ketones with rare earth metals in the presence of chlorosilanes. <i>Tetrahedron Letters</i> , 1999, 40, 7113-7114.	1.4	35
83	Rhodium-catalyzed highly selective thioformylation of acetylenes with thiols and carbon monoxide. <i>Tetrahedron</i> , 2003, 59, 6559-6567.	1.9	35
84	Carbonyl-to-methylene conversion: selenium-assisted reduction of aromatic ketones with carbon monoxide and water. <i>Journal of Organic Chemistry</i> , 1988, 53, 1326-1329.	3.2	34
85	Palladium(0)-catalyzed regio- and stereoselective addition of heteroatom compounds bearing Si-Ge, Ge-Se, and Si-Ge bonds to phenylacetylene. <i>Journal of Organometallic Chemistry</i> , 1998, 564, 1-4.	1.8	34
86	Highly Selective Phosphinotelluration of Terminal Alkynes Using a (Ph) ₂ P- ₂ (PhTe) ₂ Mixed System upon Visible Light Irradiation: Straightforward Access to 1-Phosphino-2-telluro-alkenes. <i>Organometallics</i> , 2010, 29, 312-316.	2.3	34
87	Pd-catalyzed coupling reaction of acid chlorides with terminal alkynes using 1-(2-pyridylethynyl)-2-(2-thienylethynyl)benzene ligand. <i>Tetrahedron Letters</i> , 2012, 53, 1764-1767.	1.4	34
88	Palladium-catalyzed chemo- and site-selective reduction of (Z)-1,3-bis(arylseleno)-2-alken-1-ones with tributylstannane. <i>Organometallics</i> , 1992, 11, 3937-3939.	2.3	33
89	Oxovanadium(V)-Induced Cross-Coupling Reaction between Two Ligands of Organozinc Compounds. <i>Journal of Organic Chemistry</i> , 2000, 65, 1511-1515.	3.2	33
90	Copper(0)-Induced Deselenative Insertion of N,N-Disubstituted Selenoamides into Acetylenic C-H Bond Leading to Propargylamines. <i>Organic Letters</i> , 2009, 11, 2045-2048.	4.6	33

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91	Reductive carboxylation of alkyl halides with CO ₂ by use of photoinduced SmI ₂ /Sm reduction system. <i>Tetrahedron Letters</i> , 2010, 51, 6580-6583.	1.4	32
92	An efficient base-catalyzed double addition of H-phosphine oxides to alkynes. <i>Tetrahedron Letters</i> , 2016, 57, 3382-3384.	1.4	32
93	Photoinduced Cyclizations of <i>o</i> -Diisocyanoarenes with Organic Diselenides and Thiols that Afford Chalcogenated Quinoxalines. <i>Journal of Organic Chemistry</i> , 2020, 85, 7258-7266.	3.2	32
94	A highly regioselective bis-selenation of allenes with diphenyl diselenide catalyzed by tetrakis(triphenylphosphine)palladium(0). <i>Tetrahedron Letters</i> , 2005, 46, 3649-3652.	1.4	31
95	A facile photoinduced iodoperfluoroalkylation of dienes, diynes, and enynes with perfluoroalkyl iodides via selective radical cyclization. <i>Tetrahedron Letters</i> , 2005, 46, 7275-7278.	1.4	31
96	New Entry to the Construction of Si-Si Linkages: A Sm/SmI ₂ -Induced Efficient Reductive Coupling of Organochlorosilanes. <i>Organometallics</i> , 2007, 26, 1212-1216.	2.3	31
97	A novel palladium(0)-catalyzed addition of diphenyl disulfide to allenes leading to vicinal disulfides and its application to carbonylation with carbon monoxide. <i>Tetrahedron Letters</i> , 2007, 48, 6312-6317.	1.4	31
98	A highly regioselective hydrophosphination of terminal alkynes with tetraphenyldiphosphine in the presence of palladium catalyst. <i>Tetrahedron Letters</i> , 2007, 48, 6637-6640.	1.4	31
99	Diphenyl Diselenide as a Useful Reagent for Intermolecular Domino Reactions of Various Unsaturated Compounds under Photoirradiation Conditions. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1534-1548.	3.2	30
100	A Highly Regioselective Palladium-Catalyzed Hydrophosphination of Alkynes Using a Diphosphine-Hydrosilane Binary System. <i>Journal of Organic Chemistry</i> , 2008, 73, 7928-7933.	3.2	30
101	Transition-Metal-Catalyzed Cyano-chalcogenation of Alkynes with Chalcogenocyanates. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 155-163.	3.2	30
102	Diphenyl diselenide-promoted radical addition of benzeneselenol to acetylenes. <i>Tetrahedron Letters</i> , 1992, 33, 1329-1332.	1.4	29
103	Selenium-Catalyzed Synthesis of <i>S</i> -Alkyl Thiocarbamates from Amines, Carbon Monoxide, Sulfur, and Alkyl Halides. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 452-453.	4.4	28
104	Highly Selective Addition of Organic Dichalcogenides to Carbon-Carbon Unsaturated Bonds.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1996, 54, 894-905.	0.1	28
105	Highly Regioselective Double Hydrothiolation of Terminal Acetylenes with Thiols Catalyzed by Palladium Diacetate. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 413-415.	3.2	27
106	Atom-Economical Synthesis of Unsymmetrical Diaryl Selenides from Arylhydrazines and Diaryl Diselenides. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4928-4934.	2.4	27
107	Transition Metal-Catalyzed Reactions of Chalcogen Compounds.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 1993, 51, 815-825.	0.1	26
108	Synthesis of poly[2]rotaxane by Sonogashira polycondensation. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4154-4160.	2.3	26

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109	Synthesis of 2-Halogenated Quinolines by Halide-Mediated Intramolecular Cyclization of <i>o</i> -Alkynylaryl Isocyanides. Bulletin of the Chemical Society of Japan, 2010, 83, 822-824.	3.2	26
110	Radical Hydrophosphorylation of Alkynes with R ₂ P(O)H Generating Alkenylphosphine Oxides: Scope and Limitations. Journal of Organic Chemistry, 2018, 83, 8743-8749.	3.2	26
111	Synthesis of Bis(phosphanyl)alkane Monosulfides by the Addition of Diphosphane Monosulfides to Alkenes under Light. Chemistry - A European Journal, 2019, 25, 2295-2302.	3.3	26
112	A highly selective photoinduced selenoperfluoroalkylation of terminal acetylenes by using a novel binary system of perfluoroalkyl iodide and diphenyl diselenide. Tetrahedron Letters, 2003, 44, 8777-8780.	1.4	25
113	Selenium and Tellurium in Organic Synthesis. , 2005, , 813-866.		25
114	Cobalt-Catalyzed Thiolative Lactonization of Alkynes with Double CO Incorporation. Organometallics, 2011, 30, 4539-4543.	2.3	25
115	Reductive Rearrangement of Tetraphenyldiphosphine Disulfide To Trigger the Bisthiophosphinylation of Alkenes and Alkynes. Chemistry - A European Journal, 2019, 25, 6797-6806.	3.3	25
116	Novel enhancement of the reducing ability of ytterbium diiodide by irradiation with near-UV light. Tetrahedron Letters, 1997, 38, 9017-9018.	1.4	24
117	Highly selective perfluoroalkylchalcogenation of alkynes by the combination of iodoperfluoroalkanes and organic dichalcogenides upon photoirradiation. Tetrahedron, 2012, 68, 10516-10522.	1.9	24
118	Metal-free C-H arylation of aminoheterocycles with arylhydrazines. Tetrahedron, 2016, 72, 4132-4140.	1.9	24
119	Synthesis Utilizing Reducing Ability of Carbon Monoxide. New Methods for Synthesis of N-Substituted Selenoamides. Bulletin of the Chemical Society of Japan, 1985, 58, 1448-1451.	3.2	23
120	A Novel Deselenation in the Reaction of Selenoamides with Organolithium Reagents. Chemistry Letters, 1990, 19, 2053-2056.	1.3	23
121	Transition-metal-catalyzed hydrothiolation of cyclohexylallene with benzenethiol or diphenyl disulfide. Journal of Sulfur Chemistry, 2009, 30, 309-318.	2.0	23
122	A convenient hydroiodination of alkynes using I ₂ /PPh ₃ /H ₂ O and its application to the one-pot synthesis of trisubstituted alkenes via iodoalkenes using Pd-catalyzed cross-coupling reactions. Tetrahedron Letters, 2014, 55, 6779-6783.	1.4	23
123	Palladium-catalyzed alkynylselenation of acetylenedicarboxylates leading to enyne selenides and application to synthesis of multisubstituted aryl selenides. Tetrahedron Letters, 2010, 51, 3538-3541.	1.4	22
124	Rhodium-Catalyzed Highly Stereoselective Hydroselenation of Internal Alkynes Bearing an Electron-withdrawing Group. Organometallics, 2011, 30, 6766-6769.	2.3	22
125	Palladium-Catalyzed Cyanothiolation of Internal Alkynes Using Organic Disulfides and <i>tert</i> -Butyl Isocyanide. Journal of Organic Chemistry, 2018, 83, 5267-5273.	3.2	22
126	On the potentially excellent reducing ability of a series of low-valent rare earths induced by photoirradiation. Tetrahedron Letters, 2009, 50, 584-586.	1.4	21

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127	Eco-friendly copper sulfate-catalyzed oxidation of amines to imines by hydrogen peroxide in water. <i>Tetrahedron Letters</i> , 2015, 56, 1200-1202.	1.4	21
128	Palladium-catalyzed oxidative homocoupling reaction of terminal acetylenes using trans-bidentate 1-(2-pyridylethynyl)-2-(2-thienylethynyl)benzene. <i>Research on Chemical Intermediates</i> , 2013, 39, 359-370.	2.7	20
129	Photoinduced Synthesis of β -Perfluoroalkylated Phosphines from Triarylphosphines and Their Application in the Copper-Free Cross-Coupling of Acid Chlorides and Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2509-2519.	4.3	20
130	Oxygen Induced Free-Radical Addition of Benzeneselenol to Allenes. <i>Chemistry Letters</i> , 1987, 16, 2407-2408.	1.3	19
131	Carbotelluration of Phenylacetylene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992, 67, 243-246.	1.6	19
132	Novel Heterotetranuclear V_2Mo_2 or V_2W_2 Complexes with 4,4'-Di- <i>tert</i> -butyl-2,2'-bipyridine: Syntheses, Crystal Structures, and Catalytic Activities. <i>Inorganic Chemistry</i> , 2011, 50, 9942-9947.	4.0	19
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