

Akiya Ogawa

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243
papers

6,734
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45
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68
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272
ext. papers

7,634
ext. citations

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avg, IF

5.7
L-index

#	Paper	IF	Citations
243	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	16.4	227
242	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	16.4	209
241	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	16.4	198
240	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	4.2	179
239	Chirality organization of ferrocenes bearing podand dipeptide chains: synthesis and structural characterization. <i>Journal of the American Chemical Society</i> , 2001 , 123, 68-75	16.4	170
238	Activation and reactivity of Group 16 inter-element linkageTransition-metal-catalyzed reactions of thiols and selenols. <i>Journal of Organometallic Chemistry</i> , 2000 , 611, 463-474	2.3	151
237	A highly ordered ferrocene system regulated by podand peptide chains. <i>Chemical Communications</i> , 1998 , 1963-1964	5.8	116
236	An efficient photoinduced iodoperfluoroalkylation of carbon-carbon unsaturated compounds with perfluoroalkyl iodides. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6658-65	4.2	114
235	A Highly Regioselective Cyanothiolation of Alkynes via Oxidative Addition of Thiocyanates to Tetrakis(triphenylphosphine)palladium(0) Catalyst. <i>Organometallics</i> , 2006 , 25, 3562-3564	3.8	99
234	Lithium-Tellurium Exchange: A New Entry to Organolithium Compounds. <i>Angewandte Chemie International Edition in English</i> , 1987 , 26, 1187-1188		97
233	Photo-initiated addition of diphenyl diselenide to acetylenes. <i>Journal of Organic Chemistry</i> , 1991 , 56, 5721-5723	4.2	94
232	Direct conversion of aldehydes to seleno- and thioaldehydes. <i>Journal of the American Chemical Society</i> , 1988 , 110, 1976-1978	16.4	85
231	A new access to acyl- and aroyllithiums via lithium-tellurium exchange. <i>Journal of the American Chemical Society</i> , 1990 , 112, 455-457	16.4	83
230	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	16.4	80
229	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	16.4	80
228	Direct conversion of benzylamines to imines via atmospheric oxidation in the presence of VO(Hhpic) ₂ catalyst. <i>Tetrahedron Letters</i> , 2010 , 51, 2450-2452	2	77
227	Photoinduced Reduction and Carbonylation of Organic Chlorides with Samarium Diiodide. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2745-2746	16.4	77

226	Selenium, carbon monoxide and water as a new reduction system: Reductive cleavage of disulfides and diselenides to thiols and selenols. <i>Tetrahedron Letters</i> , 1987 , 28, 3271-3274	2	77
225	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	4.2	76
224	Palladium-Catalyzed Carbonylative Lactonization of Propargyl Alcohols with Organic Dichalcogenides and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , 1997 , 62, 8361-8365	4.2	71
223	A highly selective thioselenation of olefins using disulfide-diselenide mixed system. <i>Journal of Organic Chemistry</i> , 1992 , 57, 111-115	4.2	71
222	Photoinduced intramolecular cyclization of o-ethynylaryl isocyanides with organic disulfides mediated by diphenyl ditelluride. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3880-7	4.2	69
221	Cp ₂ VCl ₂ -Catalyzed Meso-Selective Pinacol Coupling Reaction of Aldimines in the Presence of Chlorosilane and Zinc Metal. <i>Journal of Organic Chemistry</i> , 1998 , 63, 9421-9424	4.2	68
220	Highly Regioselective Thioselenation of Acetylenes by Using a (PhS)(2)-(PhSe)(2) Binary System. <i>Journal of Organic Chemistry</i> , 1998 , 63, 881-884	4.2	67
219	Synthesis of 2,4-diiodoquinolines via the photochemical cyclization of o-alkynylaryl isocyanides with iodine. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1163-6	4.2	65
218	The First Example of Transition-Metal-Catalyzed Thioformylation of Acetylenes with Aromatic Thiols and Carbon Monoxide. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7564-7565	16.4	64
217	A Novel Photoinduced Thioselenation of Allenes by Use of a DisulfideDiselenide Binary System. <i>Journal of Organic Chemistry</i> , 1998 , 63, 4277-4281	4.2	63
216	Photochemical behaviors of tetraphenyldiphosphine in the presence of alkynes. <i>Tetrahedron Letters</i> , 2006 , 47, 3919-3922	2	62
215	Highly Regioselective Addition of Benzenethiol to Allenes Catalyzed by Palladium Acetate. <i>Journal of Organic Chemistry</i> , 1996 , 61, 4161-4163	4.2	61
214	Palladium(II) acetate in pyridine as an effective catalyst for highly regioselective hydroselenation of alkynes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 696-8	4.2	59
213	A Catalytic System Consisting of Vanadium, Chlorosilane, and Aluminum Metal in the Stereoselective Pinacol Coupling Reaction of Benzaldehyde Derivatives. <i>Journal of Organic Chemistry</i> , 1999 , 64, 7665-7667	4.2	58
212	Carbotelluration of alkynes. <i>Journal of the American Chemical Society</i> , 1992 , 114, 7591-7592	16.4	58
211	(PhTe) ₂ -mediated intramolecular radical cyclization of o-ethynylaryl isocyanides leading to bistellurated quinolines upon visible-light irradiation. <i>Organic Letters</i> , 2009 , 11, 3422-4	6.2	57
210	Photo-Induced Ditelluration of Acetylenes with Diphenyl Ditelluride. <i>Tetrahedron</i> , 1993 , 49, 1177-1188	2.4	57
209	The first example of transition-metal-catalyzed hydroselenation of acetylenes. <i>Tetrahedron Letters</i> , 1992 , 33, 5525-5528	2	56

208	Highly selective hydroiodation of alkynes using an iodine-hydrophosphine binary system. <i>Organic Letters</i> , 2010 , 12, 1893-5	6.2	54
207	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, 3490-3	16.4	53
206	Highly regioselective simultaneous introduction of phosphino and seleno groups into unsaturated bonds by the novel combination of (Ph ₂ P) ₂ and (PhSe) ₂ upon photoirradiation. <i>Journal of Organic Chemistry</i> , 2009 , 74, 1751-4	4.2	52
205	Organosulfide-Catalyzed Diboration of Terminal Alkynes under Light. <i>Chemistry - A European Journal</i> , 2015 , 21, 13930-3	4.8	49
204	Highly selective double chalcogenation of isocyanides with disulfide-diselenide mixed systems. <i>Journal of Organic Chemistry</i> , 2007 , 72, 415-23	4.2	46
203	Photoinduced thiotelluration of isocyanides by using a (PhS) ₂ (PhTe) ₂ mixed system, and its application to bithiolation via radical cyclization. <i>Tetrahedron Letters</i> , 2007 , 48, 5953-5957	2	46
202	A novel three-component coupling of alkynes, vinylcyclopropanes, and diphenyl diselenide under visible-light irradiation. <i>Journal of Organic Chemistry</i> , 2000 , 65, 7682-5	4.2	45
201	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	16.4	45
200	Photo-initiated addition of diphenyl diselenide to allenes. <i>Tetrahedron Letters</i> , 1990 , 31, 5931-5934	2	45
199	Gold-Catalyzed Anti-Markovnikov Selective Hydrothiolation of Unactivated Alkenes. <i>Organic Letters</i> , 2016 , 18, 2114-7	6.2	45
198	Transition-Metal-Catalyzed S ^{II} and Se ^{II} Bonds Addition to Unsaturated Molecules. <i>Topics in Organometallic Chemistry</i> , 2011 , 325-360	0.6	44
197	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	1.7	44
196	Regioselective hydrothiolation of alkenes bearing heteroatoms with thiols catalyzed by palladium diacetate. <i>Journal of Organic Chemistry</i> , 2014 , 79, 5028-35	4.2	43
195	Highly Selective Phosphinylphosphination of Alkenes with Tetraphenyldiphosphine Monoxide. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9700-3	16.4	42
194	Photoinduced hydrophosphinylation of alkenes with diphenylphosphine oxide. <i>Tetrahedron Letters</i> , 2009 , 50, 624-626	2	42
193	Platinum-catalyzed highly selective thiocarbonylation of acetylenes with thiols and carbon monoxide. <i>Tetrahedron</i> , 2003 , 59, 3521-3526	2.4	42
192	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	16.4	41
191	Towards Rational Modulation of In-Plane Molecular Arrangements in Metal-Organic Framework Nanosheets. <i>ChemPlusChem</i> , 2014 , 79, 1352-1360	2.8	40

190	Tetranuclear vanadium complex, (VO) ₄ (hpic) ₄ : a recyclable catalyst for oxidation of benzyl alcohols with molecular oxygen. <i>Dalton Transactions</i> , 2009 , 9708-11	4.3	39
189	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	3.8	39
188	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	4.2	39
187	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	4.2	37
186	Palladium-Catalyzed Synthesis of β -Diimines from Triarylbiisocyanides and Isocyanides. <i>Organic Letters</i> , 2015 , 17, 3490-3	6.2	36
185	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	4.2	36
184	Photochemical intramolecular cyclization of o-alkynylaryl isocyanides with organic dichalcogenides leading to 2,4-bis(chalcogenated) quinolines. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3768-75	3.9	35
183	Photoinduced Reduction of gem-Dichlorocyclopropanes with SmI ₂ and Benzenethiol. <i>Chemistry Letters</i> , 1997 , 26, 275-276	1.7	35
182	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	2.4	35
181	Palladium-catalyzed hydroselenation of allenes with benzeneselenol. <i>Tetrahedron Letters</i> , 1998 , 39, 5213-5216	3.4	34
180	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	2	34
179	Highly regioselective iodoperfluoroalkylation of allenes with perfluoroalkyl iodides upon irradiation with near-UV light. <i>Tetrahedron Letters</i> , 2001 , 42, 2489-2492	2	34
178	Oxovanadium(V)-Induced Oxidative Coupling of Organolithium and -magnesium Compounds. <i>Organometallics</i> , 1998 , 17, 5713-5716	3.8	34
177	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	3.9	33
176	Photoinduced highly selective thiophosphination of alkynes using a (PhS) ₂ /(Ph ₂ P) ₂ binary system. <i>Tetrahedron Letters</i> , 2008 , 49, 4043-4046	2	33
175	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, 814-23	3.2	33
174	A novel C-H insertion via deoxygenation of amides by a Sm/SmI ₂ mixed system. <i>Tetrahedron</i> , 1997 , 53, 12895-12902	2.4	32
173	Vanadium-catalyzed green oxidation of benzylic alcohols in water under air atmosphere. <i>Tetrahedron</i> , 2014 , 70, 2431-2438	2.4	31

172	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	2	31
171	Diastereoselective pinacol coupling of alkyl aryl ketones with rare earth metals in the presence of chlorosilanes. <i>Tetrahedron Letters</i> , 1999 , 40, 7113-7114	2	31
170	A Novel Thermal Addition of Diaryl Diselenides to Acetylenes. <i>Chemistry Letters</i> , 1991 , 20, 2241-2242	1.7	30
169	Photo-initiated addition of diphenyl ditelluride to acetylenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 1748		30
168	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	3.8	29
167	Palladium(0)-catalyzed regio- and stereoselective addition of heteroatom compounds bearing SiSe, GeSe, and SiTe bonds to phenylacetylene. <i>Journal of Organometallic Chemistry</i> , 1998 , 564, 1-4	2.3	29
166	A highly regioselective bisseleation of allenes with diphenyl diselenide catalyzed by tetrakis(triphenylphosphine)palladium(0). <i>Tetrahedron Letters</i> , 2005 , 46, 3649-3652	2	29
165	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	2	28
164	A new reduction system by the combination of lanthanoid metals (Ln) and LnI ₂ : Deoxygenative coupling of amides to vic-diaminoalkenes. <i>Applied Organometallic Chemistry</i> , 1995 , 9, 461-466	3.1	28
163	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	3.8	28
162	Photoinduced metal-free diboration of alkynes in the presence of organophosphine catalysts. <i>Tetrahedron</i> , 2016 , 72, 7832-7838	2.4	27
161	Photoinduced reduction of group 16 heteroatom compounds with the aid of samarium diiodide. <i>Tetrahedron Letters</i> , 1998 , 39, 6341-6342	2	27
160	Transition-metal-catalyzed carbonylation of allenes with carbon monoxide and thiols. <i>Tetrahedron</i> , 2006 , 62, 6355-6360	2.4	27
159	Rhodium-catalyzed highly selective thioformylation of acetylenes with thiols and carbon monoxide. <i>Tetrahedron</i> , 2003 , 59, 6559-6567	2.4	27
158	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	4.2	27
157	Synthesis and properties of perfluoroalkyl phosphine ligands: photoinduced reaction of diphosphines with perfluoroalkyl iodides. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1748-52	16.4	26
156	Copper(0)-induced deselenative insertion of N,N-disubstituted selenoamides into acetylenic C-H bond leading to propargylamines. <i>Organic Letters</i> , 2009 , 11, 2045-8	6.2	26
155	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	2	26

154	New Entry to the Construction of SiBi Linkages: Sm/SmI ₂ -Induced Efficient Reductive Coupling of Organochlorosilanes. <i>Organometallics</i> , 2007 , 26, 1212-1216	3.8	26
153	Highly Selective Addition of Organic Dichalcogenides to Carbon-Carbon Unsaturated Bonds.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1996 , 54, 894-905	0.2	26
152	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	4.2	25
151	Transition-Metal-Catalyzed Cyanochalcogenation of Alkynes with Chalcogenocyanates. <i>Bulletin of the Chemical Society of Japan</i> , 2011 , 84, 155-163	5.1	25
150	A facile photoinduced iodoperfluoroalkylation of dienes, diynes, and enynes with perfluoroalkyl iodides via selective radical cyclization. <i>Tetrahedron Letters</i> , 2005 , 46, 7275-7278	2	25
149	Oxovanadium(V)-induced cross-coupling reaction between two ligands of organozinc compounds. <i>Journal of Organic Chemistry</i> , 2000 , 65, 1511-5	4.2	25
148	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	2	24
147	Synthesis of poly[2]rotaxane by Sonogashira polycondensation. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4154-4160	2.5	24
146	Diphenyl diselenide-promoted radical addition of benzeneselenol to acetylenes. <i>Tetrahedron Letters</i> , 1992 , 33, 1329-1332	2	24
145	A highly regioselective palladium-catalyzed hydrophosphination of alkynes using a diphosphine-hydrosilane binary system. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7928-33	4.2	23
144	A highly regioselective hydrophosphination of terminal alkynes with tetraphenyldiphosphine in the presence of palladium catalyst. <i>Tetrahedron Letters</i> , 2007 , 48, 6637-6640	2	23
143	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	5.1	23
142	Selenium-Catalyzed Synthesis of S-Alkyl Thiocarbamates from Amines, Carbon Monoxide, Sulfur, and Alkyl Halides. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 452-453		23
141	An efficient base-catalyzed double addition of H-phosphine oxides to alkynes. <i>Tetrahedron Letters</i> , 2016 , 57, 3382-3384	2	22
140	Metal-free C ^H arylation of aminoheterocycles with arylhydrazines. <i>Tetrahedron</i> , 2016 , 72, 4132-4140	2.4	22
139	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	5.1	21
138	Transition-metal-catalyzed hydrothiolation of cyclohexylallene with benzenethiol or diphenyl disulfide. <i>Journal of Sulfur Chemistry</i> , 2009 , 30, 309-318	2.3	21
137	Synthesis of 2-Halogenated Quinolines by Halide-Mediated Intramolecular Cyclization of o-Alkynylaryl Isocyanides. <i>Bulletin of the Chemical Society of Japan</i> , 2010 , 83, 822-824	5.1	21

136	A Novel Deselenation in the Reaction of Selenoamides with Organolithium Reagents. <i>Chemistry Letters</i> , 1990 , 19, 2053-2056	1.7	21
135	Cobalt-Catalyzed Thiolative Lactonization of Alkynes with Double CO Incorporation. <i>Organometallics</i> , 2011 , 30, 4539-4543	3.8	20
134	Palladium-catalyzed alkynylselenation of acetylenedicarboxylates leading to enyne selenides and application to synthesis of multisubstituted aryl selenides. <i>Tetrahedron Letters</i> , 2010 , 51, 3538-3541	2	20
133	Transition Metal-Catalyzed Reactions of Chalcogen Compounds.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1993 , 51, 815-825	0.2	20
132	Atom-Economical Synthesis of Unsymmetrical Diaryl Selenides from Arylhydrazines and Diaryl Diselenides. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4928-4934	3.2	19
131	Radical Hydrophosphorylation of Alkynes with RP(O)H Generating Alkenylphosphine Oxides: Scope and Limitations. <i>Journal of Organic Chemistry</i> , 2018 , 83, 8743-8749	4.2	18
130	Rhodium-Catalyzed Highly Stereoselective Hydroselenation of Internal Alkynes Bearing an Electron-withdrawing Group. <i>Organometallics</i> , 2011 , 30, 6766-6769	3.8	18
129	Synthesis Utilizing Reducing Ability of Carbon Monoxide. New Methods for Synthesis of N-Substituted Selenoamides. <i>Bulletin of the Chemical Society of Japan</i> , 1985 , 58, 1448-1451	5.1	18
128	On the potentially excellent reducing ability of a series of low-valent rare earths induced by photoirradiation. <i>Tetrahedron Letters</i> , 2009 , 50, 584-586	2	17
127	Novel enhancement of the reducing ability of ytterbium diiodide by irradiation with near-UV light. <i>Tetrahedron Letters</i> , 1997 , 38, 9017-9018	2	17
126	A highly selective photoinduced selenoperfluoroalkylation of terminal acetylenes by using a novel binary system of perfluoroalkyl iodide and diphenyl diselenide. <i>Tetrahedron Letters</i> , 2003 , 44, 8777-8780 ²		17
125	Oxygen Induced Free-Radical Addition of Benzeneselenol to Allenes. <i>Chemistry Letters</i> , 1987 , 16, 2407-2408		17
124	Eco-friendly copper sulfate-catalyzed oxidation of amines to imines by hydrogen peroxide in water. <i>Tetrahedron Letters</i> , 2015 , 56, 1200-1202	2	16
123	Palladium-Catalyzed Cyanothiolation of Internal Alkynes Using Organic Disulfides and tert-Butyl Isocyanide. <i>Journal of Organic Chemistry</i> , 2018 , 83, 5267-5273	4.2	16
122	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	2.8	16
121	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. <i>Tetrahedron Letters</i> , 2014 , 55, 6779-6783	2	16
120	Highly selective perfluoroalkylchalcogenation of alkynes by the combination of iodoperfluoroalkanes and organic dichalcogenides upon photoirradiation. <i>Tetrahedron</i> , 2012 , 68, 10516-10522 ¹⁶	2.4	16
119	Highly regioselective hydroselenation and double-bond isomerization of terminal alkynes with benzeneselenol catalyzed by bis(triphenylphosphine)palladium(II) dichloride. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 450-455	2.3	16

118	Quinone Oxygen-Coordinated Palladium(II) Complexes with Anthraquinone Ligands Bearing N-Heterocyclic Coordination Sites. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 277-287	2.3	15
117	Carbotelluration of Phenylacetylene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992 , 67, 243-246	1	15
116	A novel oxygen induced reduction of α,β -unsaturated carbonyl compounds by benzeneselenol. <i>Journal of Physical Organic Chemistry</i> , 1988 , 1, 115-117	2.1	15
115	IrCl ₃ or FeCl ₃ -catalyzed convenient synthesis of 3-hydroxyphthalates. <i>Tetrahedron Letters</i> , 2011 , 52, 6238-6241	2	14
114	Synthesis and properties of nylon-0,2 β oxidatively degradable polymer that is stable in air. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 963-967	2.5	14
113	4,6-Dihydroxysalicylic Acid-Catalyzed Oxidative Condensation of Benzylic Amines and Aromatic Ketones for the Preparation of 2,4,6-Trisubstituted Pyridines and Its Application to Metal-Free Synthesis of G-Quadruplex Binding Ligands. <i>ACS Omega</i> , 2019 , 4, 9029-9040	3.9	13
112	Photoinduced Cyclizations of α -Diisocynoarenes with Organic Diselenides and Thiols that Afford Chalcogenated Quinoxalines. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7258-7266	4.2	13
111	Photoinduced Synthesis of P-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	5.6	13
110	Novel heterotetranuclear V ₂ Mo ₂ or V ₂ W ₂ complexes with 4,4'-di-tert-butyl-2,2'-bipyridine: syntheses, crystal structures, and catalytic activities. <i>Inorganic Chemistry</i> , 2011 , 50, 9942-7	5.1	13
109	Vanadium-catalyzed Atmospheric Oxidation of Benzyl Alcohols Using Water as Solvent. <i>Chemistry Letters</i> , 2011 , 40, 495-497	1.7	13
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