

Hua Fu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206
papers

7,620
citations

53
h-index

80
g-index

244
ext. papers

8,511
ext. citations

4.9
avg, IF

6.32
L-index

#	Paper	IF	Citations
206	Transcriptome Analysis of Adaptation Strategies to Phosphate Stress. <i>Frontiers in Plant Science</i> , 2021 , 12, 723595	6.2	0
205	Investigation of flavonoid expression and metabolite content patterns during seed formation of <i>Artemisia sphaerocephala</i> Krasch.. <i>Seed Science Research</i> , 2021 , 31, 136-148	1.3	0
204	Synthesis of Chiral Propargylamines, Chiral 1,2-Dihydronaphtho[2,1-b]furans and Naphtho[2,1-b]furans with C-Alkynyl N,N'-di-(tert-butoxycarbonyl)-aminals and Naphthols. <i>Chemistry - A European Journal</i> , 2021 , 27, 12884-12889	4.8	2
203	Photoinduced Iron-Catalyzed ipso-Nitration of Aryl Halides via Single-Electron Transfer. <i>ACS Catalysis</i> , 2021 , 11, 9561-9568	13.1	7
202	Transcriptome and co-expression network analysis reveal molecular mechanisms of mucilage formation during seed development in <i>Artemisia sphaerocephala</i> . <i>Carbohydrate Polymers</i> , 2021 , 251, 117044	10.3	5
201	Synthesis of Spirotetrahydrofuran Oxindoles via Palladium-Catalyzed [4 + 1] Cycloaddition of Diphenyl 2-Oxoindolin-3-yl Phosphates and 2-Methylidenetrimethylene Carbonate. <i>Organic Letters</i> , 2021 , 23, 6499-6503	6.2	0
200	Transcriptomic Analysis Reveals Key Genes Involved in Oil and Linoleic Acid Biosynthesis during Seed Development. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
199	Soil bacterial communities vary with grassland degradation in the Qinghai Lake watershed. <i>Plant and Soil</i> , 2021 , 460, 541-557	4.2	5
198	Photocatalytic cross-couplings the cleavage of N-O bonds. <i>Chemical Communications</i> , 2021 , 57, 9656-9674	18	8
197	Bacterial Communities in Stream Biofilms in a Degrading Grassland Watershed on the Qinghai-Tibet Plateau. <i>Frontiers in Microbiology</i> , 2020 , 11, 1021	5.7	7
196	Light and oxygen-enabled sodium trifluoromethanesulfinate-mediated selective oxidation of C-H bonds. <i>Green Chemistry</i> , 2020 , 22, 4357-4363	10	27
195	Effects of grassland degradation on ecological stoichiometry of soil ecosystems on the Qinghai-Tibet Plateau. <i>Science of the Total Environment</i> , 2020 , 722, 137910	10.2	31
194	C:N:P stoichiometry and nutrient limitation of stream biofilms impacted by grassland degradation on the Qinghai-Tibet Plateau. <i>Biogeochemistry</i> , 2020 , 150, 31-44	3.8	1
193	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with ortho-Dithiophenols. <i>Angewandte Chemie</i> , 2020 , 132, 3700-3706	3.6	3
192	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with ortho-Dithiophenols. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3671-3677	16.4	7
191	Organocatalytic Atroposelective Construction of Axially Chiral -Aryl Benzimidazoles Involving Carbon-Carbon Bond Cleavage. <i>Organic Letters</i> , 2020 , 22, 6382-6387	6.2	17
190	A sodium trifluoromethanesulfinate-mediated photocatalytic strategy for aerobic oxidation of alcohols. <i>Chemical Communications</i> , 2020 , 56, 12443-12446	5.8	12

189	Organocatalytic asymmetric synthesis of arylindolyl indolin-3-ones with both axial and central chirality. <i>Chemical Communications</i> , 2020 , 56, 12648-12651	5.8	5
188	Bioorthogonal Ligations and Cleavages in Chemical Biology. <i>ChemistryOpen</i> , 2020 , 9, 835-853	2.3	7
187	Iridium-catalyzed intramolecular enantioselective allylation of quinazolin-4(3H)-one derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6461-6464	3.9	7
186	Chiral Phosphoric Acid Catalyzed Asymmetric Addition of 2-(Vinylloxy)ethanol to Imines and Applications of the Products. <i>Organic Letters</i> , 2019 , 21, 5335-5340	6.2	6
185	Cascading influences of grassland degradation on nutrient limitation in a high mountain lake and its inflow streams. <i>Ecology</i> , 2019 , 100, e02755	4.6	12
184	Superbase-promoted selective carbon-carbon bond cleavage driven by aromatization. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4984-4989	3.9	2
183	1-Alkyl-3-alkylindolin-2-imine hydrochlorides as useful building blocks in the copper-catalyzed synthesis of polycyclic indoline scaffolds.. <i>RSC Advances</i> , 2019 , 9, 8369-8372	3.7	3
182	Axially Chiral Cyclic Phosphoric Acid Enabled Enantioselective Sequential Additions. <i>Organic Letters</i> , 2019 , 21, 2498-2503	6.2	14
181	Why are male Chinese smokers unwilling to quit? A multicentre cross-sectional study on smoking rationalisation and intention to quit. <i>BMJ Open</i> , 2019 , 9, e025285	3	6
180	Photocatalyst-Free Visible-Light Photoredox Dearomatization of Phenol Derivatives Containing Ketoximes: An Easy Access to Spiropyrrrolines. <i>Organic Letters</i> , 2019 , 21, 1799-1803	6.2	27
179	Highly Enantioselective Iridium-Catalyzed Cascade Double Allylation Strategy: Synthesis of Pyrrolidinoindolines with an All-Carbon Quaternary Stereocenter. <i>Organic Letters</i> , 2019 , 21, 8501-8505	6.2	5
178	Cloning and functional analysis of the FAD2 gene family from desert shrub <i>Artemisia sphaerocephala</i> . <i>BMC Plant Biology</i> , 2019 , 19, 481	5.3	7
177	Copper-Catalyzed Cascade Synthesis of [1,2,4]-Triazoloquinazolinones. <i>Synlett</i> , 2018 , 29, 1395-1399	2.2	4
176	A methylene blue-based near-infrared fluorescent probe for rapid detection of hypochlorite in tap water and living cells.. <i>RSC Advances</i> , 2018 , 8, 14603-14608	3.7	11
175	Olefination of Alkyl Halides with Aldehydes by Merging Visible-Light Photoredox Catalysis and Organophosphorus Chemistry. <i>IScience</i> , 2018 , 6, 102-113	6.1	7
174	Visible-Light-Induced Decarboxylative Iodination of Aromatic Carboxylic Acids. <i>Synlett</i> , 2018 , 29, 1572-1577		9
173	Axially Chiral Cyclic Diphosphine Ligand-Enabled Palladium-Catalyzed Intramolecular Asymmetric Hydroarylation. <i>IScience</i> , 2018 , 10, 11-22	6.1	5
172	Merging Photoredox with Copper Catalysis: Decarboxylative Alkynylation of β -Amino Acid Derivatives. <i>Organic Letters</i> , 2017 , 19, 1016-1019	6.2	73

171	Visible-Light Photoredox Difluoromethylation of Phenols and Thiophenols with Commercially Available Difluorobromoacetic Acid. <i>Organic Letters</i> , 2017 , 19, 2758-2761	6.2	32
170	Visible Light as a Sole Requirement for Intramolecular C(sp)-H Imination. <i>Organic Letters</i> , 2017 , 19, 1994-1997	4.9	50
169	Room-Temperature Arylation of Thiols: Breakthrough with Aryl Chlorides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 874-879	16.4	103
168	Room-Temperature Arylation of Thiols: Breakthrough with Aryl Chlorides. <i>Angewandte Chemie</i> , 2017 , 129, 892-897	3.6	29
167	Visible-Light Photoredox Decarboxylative Couplings. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 368-385	5.8	125
166	Copper-Catalyzed C-H Activation of Substituted Pyridines Leading to Imidazopyridine Derivatives via Self-Redox of the Substrates. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1551-1555	3	6
165	Visible light photocatalytic decarboxylative monofluoroalkenylation of α -amino acids with gem-difluoroalkenes. <i>Chemical Communications</i> , 2017 , 53, 10299-10302	5.8	60
164	Visible-Light-Mediated Aerobic Oxidation of N-Alkylpyridinium Salts under Organic Photocatalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14237-14243	16.4	57
163	Iridium-Catalyzed Enantioselective Synthesis of Dihydroimidazoquinazolinones by Elaborate Tuning of Chiral Cyclic Ligands. <i>Organic Letters</i> , 2017 , 19, 6376-6379	6.2	11
162	Analysis of inequality in maternal and child health outcomes and mortality from 2000 to 2013 in China. <i>International Journal for Equity in Health</i> , 2017 , 16, 66	4.6	13
161	Chiral Cyclic Ligand-Enabled Iridium-Catalyzed Asymmetric Arylation of Unactivated Racemic Allylic Alcohols with Anilines. <i>Organic Letters</i> , 2017 , 19, 3775-3778	6.2	30
160	Measuring the preference towards patient-centred communication with the Chinese-revised Patient-Practitioner Orientation Scale: a cross-sectional study among physicians and patients in clinical settings in Shanghai, China. <i>BMJ Open</i> , 2017 , 7, e016902	3	16
159	Visible-light photoredox synthesis of unnatural chiral α -amino acids. <i>Scientific Reports</i> , 2016 , 6, 26161	4.9	42
158	Transition metal-free intramolecular regioselective couplings of aliphatic and aromatic C-H bonds. <i>Scientific Reports</i> , 2016 , 6, 19931	4.9	13
157	Installing amino acids and peptides on N-heterocycles under visible-light assistance. <i>Scientific Reports</i> , 2016 , 6, 20068	4.9	61
156	Consecutive visible-light photoredox decarboxylative couplings of adipic acid active esters with alkynyl sulfones leading to cyclic compounds. <i>Chemical Communications</i> , 2016 , 52, 8862-4	5.8	37
155	Catalyst-Free Isothiocyanatoalkylthiation of Styrenes with (Alkylthio)pyrrolidine-2,5-diones and Trimethylsilyl Isothiocyanate. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1794-1800	5.6	13
154	Iron-Catalyzed Diastereoselective Synthesis of Unnatural Chiral Amino Acid Derivatives. <i>Organic Letters</i> , 2016 , 18, 3362-5	6.2	28

153	Thiophenol-Catalyzed Visible-Light Photoredox Decarboxylative Couplings of N-(Acetoxy)phthalimides. <i>Organic Letters</i> , 2016 , 18, 6400-6403	6.2	64
152	Visible-Light Photoredox Synthesis of Chiral β -Selenoamino Acids. <i>Organic Letters</i> , 2016 , 18, 1968-71	6.2	62
151	Visible-light photoredox synthesis of internal alkynes containing quaternary carbons. <i>Chemical Communications</i> , 2016 , 52, 7292-4	5.8	54
150	Visible-Light Photoredox Borylation of Aryl Halides and Subsequent Aerobic Oxidative Hydroxylation. <i>Organic Letters</i> , 2016 , 18, 5248-5251	6.2	95
149	Development of Axially Chiral Cyclo-Biaryldiol Ligands with Adjustable Dihedral Angles. <i>Chemistry - A European Journal</i> , 2016 , 22, 17477-17484	4.8	12
148	An N-(acetoxy)phthalimide motif as a visible-light pro-photosensitizer in photoredox decarboxylative arylthiation. <i>Chemical Communications</i> , 2016 , 52, 12909-12912	5.8	82
147	Iron-Catalyzed Azidoalkylthiation of Alkenes with Trimethylsilyl Azide and 1-(Arylthio)pyrrolidine-2,5-diones. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2806-2810	5.6	14
146	Arylthiation of Arylamine Derivatives with (Arylthio)-pyrrolidine-2,5-diones. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 481-488	5.6	25
145	Boron-Catalyzed Arylthiooxygation of N-Allylamides: Synthesis of (Arylsulfonyl)oxazolines. <i>Synlett</i> , 2015 , 26, 676-680	2.2	6
144	Iron-Catalyzed Arylsulfonylation of Activated Alkenes. <i>Synlett</i> , 2015 , 26, 688-694	2.2	11
143	Metal-free oxysulfonylation of alkenes with 1-(arylthio)pyrrolidine-2,5-diones and alcohols. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4846-50	3.9	25
142	Association between social and built environments and leisure-time physical activity among Chinese older adults--a multilevel analysis. <i>BMC Public Health</i> , 2015 , 15, 1317	4.1	48
141	Metal-Free Oxidative C-H Amidation of N,N'-Diarylureas with Ph(OAc) ₂ : Synthesis of Benzimidazol-2-one Derivatives. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5869-5875	3.2	20
140	Copper-Catalyzed Domino Synthesis of Benzo[4,5]imidazo[1,2-a]pyrimidin-4(10H)-ones using Cyanamide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3961-3968	5.6	3
139	Rhodium-Catalyzed Hydrosilylation Reaction of N-Sulfonyl-1,2,3-triazoles with Triphenylsilane: Access to Diverse Compounds. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4471-4480	3.2	8
138	C-H amination in the synthesis of N-heterocycles. <i>Reports in Organic Chemistry</i> , 2015 , 1		1
137	Rhodium-catalyzed denitrogenative thioacetalization of N-sulfonyl-1,2,3-triazoles with disulfides: an entry to diverse transformation of terminal alkynes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6149-53	3.9	13
136	Rhodium-Catalyzed Desulfination of Sodium Arenesulfonates and Oxidative Annulation with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 489-499	5.6	5

135	Metal-Free Trifluoromethylation and Arylation of Alkenes: Domino Synthesis of Oxindole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1021-1028	5.6	65
134	Ligand-free hydroboration of alkynes catalyzed by heterogeneous copper powder with high efficiency. <i>Chemical Communications</i> , 2014 , 50, 2058-60	5.8	66
133	Metal-free UV-Vis-light-induced aerobic oxidative hydroxylation of arylboronic acids in the absence of a photosensitizer. <i>RSC Advances</i> , 2014 , 4, 12977	3.7	18
132	Copper-catalyzed bis-arylations of alkenes leading to oxindole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 4070-3	3.9	28
131	Iron or boron-catalyzed C-H arylthiation of substituted phenols at room temperature. <i>Chemical Communications</i> , 2014 , 50, 8875-7	5.8	62
130	Copper-catalyzed N-arylation and aerobic oxidation: one-pot synthesis of tetrahydroisoquinolino[2,1-a]quinazolinone derivatives. <i>RSC Advances</i> , 2014 , 4, 2694-2704	3.7	24
129	Workplace social capital and mental health among Chinese employees: a multi-level, cross-sectional study. <i>PLoS ONE</i> , 2014 , 9, e85005	3.7	37
128	Smoke-free homes and home exposure to secondhand smoke in Shanghai, China. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 12015-28	4.6	14
127	'Zhonghua' tobacco advertisement in Shanghai: a descriptive study. <i>Tobacco Control</i> , 2014 , 23, 389-94	5.3	6
126	Metal-Free Iodination of Arylboronic Acids and the Synthesis of Biaryl Derivatives. <i>Synlett</i> , 2014 , 25, 995-1000	19	
125	Copper-Mediated Cascade Synthesis of Diaryl Sulfones via the Sandmeyer Reaction. <i>Synlett</i> , 2014 , 25, 847-852	2.2	9
124	Correlates of smoke-free home policies in Shanghai, China. <i>BioMed Research International</i> , 2014 , 2014, 249534	3	13
123	Transition Metal-Free Trifluoromethylation of N-Allylamides with Sodium Trifluoromethanesulfinate: Synthesis of Trifluoromethyl-Containing Oxazolines. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 3669-3675	5.6	42
122	Metal-free synthesis of substituted phenols from arylboronic acids in water at room temperature. <i>Chinese Chemical Letters</i> , 2014 , 25, 715-719	8.1	12
121	Chinese tobacco industry promotional activity on the microblog Weibo. <i>PLoS ONE</i> , 2014 , 9, e99336	3.7	10
120	General and efficient copper-catalyzed aerobic oxidative synthesis of N-fused heterocycles using amino acids as the nitrogen source. <i>RSC Advances</i> , 2013 , 3, 15636	3.7	26
119	Copper-catalyzed aerobic oxidative C-H and C-C functionalization of 1-[2-(arylamino)aryl]ethanones leading to acridone derivatives. <i>Chemistry - A European Journal</i> , 2013 , 19, 4271-7	4.8	40
118	Easy conjugations between molecules via copper-catalyzed reactions of ortho-aromatic diamines with ketones. <i>Green Chemistry</i> , 2013 , 15, 3184	10	8

117	Copper-Catalyzed Domino Synthesis of 4-Oxopyrimido[1,2-a]indole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2928-2935	5.6	4
116	Efficient ipso-nitration of arylboronic acids with iron nitrate as the nitro source. <i>RSC Advances</i> , 2013 , 3, 25602	3.7	11
115	Efficient copper-catalyzed domino synthesis of tetrazoloisoquinolines. <i>RSC Advances</i> , 2013 , 3, 6278	3.7	6
114	Copper-Mediated Cyclization Reactions: New Entries to Heterocycles 2013 , 531-588		1
113	Efficient copper-catalyzed Michael addition of acrylic derivatives with primary alcohols in the presence of base. <i>Chemical Communications</i> , 2013 , 49, 517-9	5.8	21
112	Palladium-Catalyzed Synthesis of Aromatic Ketones and Isoindolobenzimidazoles via Selective Aromatic C-H Bond Acylation. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, n/a-n/a	5.6	7
111	Copper-Catalyzed Selective Oxidative Acylation of Secondary Anilines with Ethyl Glyoxalate: Domino Synthesis of Indoline-2,3-diones. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1169-1176	5.6	35
110	Copper-Catalyzed C-Arylation and Denitrogenation of Tetrazoles: Domino Synthesis of 1,3-Diaminoisoquinoline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1177-1184	5.6	6
109	Copper-catalyzed N-arylation and aerobic oxidative C _H /C _H coupling: one-pot synthesis of indoloimidazoquinoline derivatives. <i>RSC Advances</i> , 2013 , 3, 8211	3.7	16
108	Copper-Catalyzed Sequential N-Arylation and Aerobic Oxidation: Synthesis of Quinazoline Derivatives. <i>Synlett</i> , 2013 , 24, 2089-2094	2.2	12
107	Efficient Synthesis of Dibenzoxaborinols from Diaryl Ethers and Their Application to Dibenzofuran Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 3625-3632	5.6	21
106	Copper-catalyzed aerobic oxidative C-H functionalization of substituted pyridines: synthesis of imidazopyridine derivatives. <i>Chemistry - A European Journal</i> , 2013 , 19, 16804-8	4.8	45
105	Copper-catalyzed one-pot synthesis of imidazo/benzoimidazoquinazolinones by sequential Ullmann-type coupling and intramolecular C-H amidation. <i>Chemistry - A European Journal</i> , 2012 , 18, 1180-6	4.8	67
104	Copper-Catalyzed Domino Synthesis of Benzimidazo[2,1-b]quinazolin-12(6H)-ones Using Cyanamide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 477-482	5.6	42
103	Copper-catalyzed synthesis of benzocarbazoles via C-arylation of ketones. <i>Chemical Communications</i> , 2012 , 48, 12210-2	5.8	42
102	Copper-Catalyzed Cascade Synthesis of 1H-Indolo[1,2-c]quinazoline Derivatives. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6798-6803	3.2	18
101	Domino reactions of 1-(2-alkoxyaryl)-3-alkylprop-2-yn-1-ones with sodium sulfide leading to thiochromen-4-one derivatives. <i>RSC Advances</i> , 2012 , 2, 6549	3.7	17
100	Concise and efficient one-pot copper-catalyzed synthesis of H-pyrazolo[5,1-a]isoquinolines. <i>RSC Advances</i> , 2012 , 2, 8258	3.7	25

99	Easy and efficient one-pot synthesis of pyrazolo[1,5-c]quinazolines under mild copper-catalyzed conditions. <i>RSC Advances</i> , 2012 , 2, 11061	3.7	26
98	Metal-free ortho C-H borylation of 2-phenoxy pyridines under mild conditions. <i>Organic Letters</i> , 2012 , 14, 2618-21	6.2	77
97	Copper-catalyzed aerobic oxidative intramolecular C-H amination leading to imidazobenzimidazole derivatives. <i>Organic Letters</i> , 2012 , 14, 452-5	6.2	87
96	K ₂ CO ₃ -catalyzed synthesis of chromones and 4-quinolones through the cleavage of aromatic C-O bonds. <i>Organic Letters</i> , 2012 , 14, 2710-3	6.2	62
95	Functionalizations of Aryl C-H Bonds in 2-Arylpyridines via Sequential Borylation and Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2211-2217	5.6	36
94	Copper-Catalyzed Domino Synthesis of Isoquinolino[2,3-a]quinazolinones. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1579-1584	5.6	23
93	Copper-Catalyzed Synthesis of 1,2,4-Triazoles via Sequential Coupling and Aerobic Oxidative Dehydrogenation of Amidines. <i>Synlett</i> , 2012 , 24, 125-129	2.2	5
92	Copper-Catalyzed Synthesis of N-Heterocyclic Compounds. <i>Synthesis</i> , 2012 , 44, 2805-2824	2.9	82
91	Amino acids as the nitrogen-containing motifs in copper-catalyzed domino synthesis of N-heterocycles. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3846-52	4.2	127
90	Copper-catalyzed aerobic oxidative synthesis of aromatic carboxylic acids. <i>Chemical Communications</i> , 2011 , 47, 2348-50	5.8	29
89	Copper-catalyzed aerobic oxidative intramolecular alkene C-H amination leading to N-heterocycles. <i>Organic Letters</i> , 2011 , 13, 3694-7	6.2	71
88	Copper-catalyzed cascade synthesis of benzimidazoquinazoline derivatives under mild condition. <i>Chemical Communications</i> , 2011 , 47, 5596-8	5.8	47
87	Copper-catalyzed cascade synthesis of alkyl 6-aminobenzimidazo[2,1-a]isoquinoline-5-carboxylates. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4600-5	4.2	35
86	Copper-catalyzed domino synthesis of quinazolinones via Ullmann-type coupling and aerobic oxidative C-H amidation. <i>Organic Letters</i> , 2011 , 13, 1274-7	6.2	190
85	Copper-catalyzed N-arylation of amines with part-per-million catalyst loadings under air at room temperature. <i>Chemical Communications</i> , 2011 , 47, 8976-8	5.8	20
84	Transition-Metal-Free Intramolecular Ullmann-Type O-Arylation: Synthesis of Chromone Derivatives. <i>Angewandte Chemie</i> , 2011 , 123, 3853-3857	3.6	18
83	Transition-metal-free intramolecular Ullmann-type O-arylation: synthesis of chromone derivatives. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3769-73	16.4	87
82	General copper-catalyzed transformations of functional groups from arylboronic acids in water. <i>Chemistry - A European Journal</i> , 2011 , 17, 5652-60	4.8	208

81	Efficient copper-catalyzed synthesis of poly-N-heterocycles containing amino acid residues. <i>Chemistry - A European Journal</i> , 2011 , 17, 6765-71	4.8	24
80	Efficient copper-catalyzed N-arylations of nitrogen-containing heterocycles and aliphatic amines in water. <i>Green Chemistry</i> , 2010 , 12, 1097	10	67
79	Copper-catalyzed synthesis of quinazoline derivatives via Ullmann-type coupling and aerobic oxidation. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7936-8	4.2	106
78	Copper-catalyzed direct amination of ortho-functionalized haloarenes with sodium azide as the amino source. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3311-6	4.2	76
77	Concise copper-catalyzed one-pot tandem synthesis of benzimidazo[1,2-b]isoquinolin-11-one derivatives. <i>Chemical Communications</i> , 2010 , 46, 4172-4	5.8	75
76	Simple and efficient copper-catalyzed cascade synthesis of naphthols containing multifunctional groups under mild conditions. <i>Chemical Communications</i> , 2010 , 46, 7617-9	5.8	24
75	Simple and efficient copper-catalyzed approach to 2,4-disubstituted imidazolones. <i>Organic Letters</i> , 2010 , 12, 3128-31	6.2	43
74	Synthesis and Electrospray Ionization Mass Spectra of Amino Acid Thiophosphoramidates of Nucleoside. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 1239-1244	4.9	2
73	Synthesis and Novel Properties of Alkyl Thiophosphoramidate Derivatives of Nucleosides. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 492-496	4.9	
72	Studies on Synthesis and Intramolecular Catalyzed Hydrolysis of Thiophosphoramidate Derivatives of Nucleoside. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1434-1438	4.9	
71	Novel and Convenient Approach to Synthesis of AZT/d4T H-phosphonates. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 225-227	4.9	2
70	Highly Efficient Copper-Catalyzed Synthesis of Internal Alkynes via Aerobic Oxidative Arylation of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 458-462	5.6	27
69	A Simple Copper-Catalyzed Cascade Synthesis of 2-Amino-1H-indole-3-carboxylate Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1033-1038	5.6	50
68	A simple and practical copper-catalyzed approach to substituted phenols from aryl halides by using water as the solvent. <i>Chemistry - A European Journal</i> , 2010 , 16, 2366-70	4.8	90
67	Highly Efficient Iron(II) Chloride/N-Bromosuccinimide-Mediated Synthesis of Imides and Acylsulfonamides. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 246-252	5.6	19
66	Efficient Copper-Catalyzed Synthesis of N-Alkylanthranilic Acids via an ortho-Substituent Effect of the Carboxyl Group of 2-Halobenzoic Acids at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1671-1676	5.6	31
65	Copper-Catalyzed Synthesis of 1,2,4-Benzothiadiazine 1,1-Dioxide Derivatives by Coupling of 2-Halobenzenesulfonamides with Amidines. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1999-2004	5.6	48
64	A Simple and Efficient Approach to Quinazolinones under Mild Copper-Catalyzed Conditions. <i>Angewandte Chemie</i> , 2009 , 121, 354-357	3.6	57

63	Easy Copper-Catalyzed Synthesis of Primary Aromatic Amines by Couplings Aromatic Boronic Acids with Aqueous Ammonia at Room Temperature. <i>Angewandte Chemie</i> , 2009 , 121, 1134-1136	3.6	35
62	A simple and efficient approach to quinazolinones under mild copper-catalyzed conditions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 348-51	16.4	255
61	Easy copper-catalyzed synthesis of primary aromatic amines by couplings aromatic boronic acids with aqueous ammonia at room temperature. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1114-1116	16.4	140
60	An efficient one-pot copper-catalyzed approach to isoquinolin-1(2H)-one derivatives. <i>Organic Letters</i> , 2009 , 11, 2469-72	6.2	110
59	Environmentally friendly iron-catalyzed cascade synthesis of 1,2,4-benzothiadiazine 1,1-dioxide and quinazolinone derivatives. <i>ACS Combinatorial Science</i> , 2009 , 11, 653-7		38
58	Efficient intermolecular iron-catalyzed amidation of C-H bonds in the presence of N-bromosuccinimide. <i>Organic Letters</i> , 2008 , 10, 1863-6	6.2	163
57	Highly efficient copper-catalyzed cascade synthesis of quinazoline and quinazolinone derivatives. <i>Chemical Communications</i> , 2008 , 6333-5	5.8	170
56	General and efficient copper-catalyzed amidation of saturated C-H bonds using N-halosuccinimides as the oxidants. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6207-12	4.2	102
55	Quick and highly efficient copper-catalyzed cycloaddition of aliphatic and aryl azides with terminal alkynes in water. <i>Green Chemistry</i> , 2008 , 10, 452	10	74
54	Copper-catalyzed synthesis of benzimidazoles via cascade reactions of o-haloacetanilide derivatives with amidine hydrochlorides. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7841-4	4.2	131
53	Copper-catalyzed coupling of tertiary aliphatic amines with terminal alkynes to propargylamines via C-H activation. <i>Journal of Organic Chemistry</i> , 2008 , 73, 3961-3	4.2	107
52	Copper-catalyzed synthesis of primary arylamines via cascade reactions of aryl halides with amidine hydrochlorides. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6864-6	4.2	69
51	Highly efficient copper-catalyzed amidation of aldehydes by C-H activation. <i>Chemistry - A European Journal</i> , 2008 , 14, 10722-6	4.8	89
50	Copper-Catalyzed Cycloaddition of Sulfonyl Azides with Alkynes to Synthesize N-Sulfonyltriazoles in Water at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1830-1834	5.6	74
49	CuBr/rac-BINOL-catalyzed N-arylations of aliphatic amines at room temperature. <i>Journal of Organic Chemistry</i> , 2007 , 72, 672-4	4.2	155
48	Sequencing of Lys-containing peptides through phosphorylation modification and electrospray ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2007 , 260, 82-84	1.9	0
47	A Mild and Efficient Method for Copper-Catalyzed Ullmann-Type N-Arylation of Aliphatic Amines and Amino Acids. <i>Synlett</i> , 2007 , 2007, 1836-1842	2.2	61
46	Copper-catalyzed amidation of sp ³ C-H bonds adjacent to a nitrogen atom. <i>Organic Letters</i> , 2007 , 9, 3813-6	3.6	130

45	Copper-catalyzed addition of H-phosphine oxides to alkynes forming alkenylphosphine oxides. <i>Chemical Communications</i> , 2007 , 272-4	5.8	105
44	A versatile and efficient ligand for copper-catalyzed formation of C-N, C-O, and P-C bonds: pyrrolidine-2-phosphonic acid phenyl monoester. <i>Chemistry - A European Journal</i> , 2006 , 12, 3636-46	4.8	337
43	Synthesis of Novel Biomimetic Zwitterionic Phosphorylcholine-Bound Chitosan Derivative. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 548-552	4.8	28
42	An Inexpensive and Efficient Copper Catalyst for N-Arylation of Amines, Amides and Nitrogen-Containing Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2197-2202	5.6	138
41	A general and chemoselective synthesis of phosphoramidates through reaction of silylated nucleoside di- and triphosphates with silylated amines containing multifunctional groups. <i>Journal of Organic Chemistry</i> , 2006 , 71, 1722-4	4.2	2
40	Proline/pipecolinic acid-promoted copper-catalyzed P-arylation. <i>Journal of Organic Chemistry</i> , 2006 , 71, 5020-2	4.2	132
39	Alkylation reactions of phosphachroman-2,4-diones and 4-hydroxy phosphacoumarins. <i>Bioorganic Chemistry</i> , 2006 , 34, 105-13	5.1	9
38	Analysis of peptide mixtures through convenient isotopic labeling and electrospray ionization-mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2006 , 248, 108-114	1.9	2
37	Peptide sequencing through N-terminal phosphorylation and multistage electrospray mass spectrometry of sodiated molecules. <i>International Journal of Mass Spectrometry</i> , 2006 , 251, 82-84	1.9	2
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35	Synthesis of a diverse series of phosphacoumarins with biological activity. <i>Organic Letters</i> , 2005 , 7, 4919-22	7.1	
34	Electrospray ionization mass spectra of phosphacoumarin derivatives. <i>International Journal of Mass Spectrometry</i> , 2005 , 245, 41-47	1.9	2
33	Electrospray ionization mass spectra of dinucleotide N3'- θ 5' phosphoramidates. <i>International Journal of Mass Spectrometry</i> , 2005 , 246, 49-55	1.9	3
32	Synthesis of sterically hindered peptide analogs using diphenyl phosphite as the coupling reagent. <i>Bioorganic Chemistry</i> , 2005 , 33, 386-92	5.1	5
31	Copper-catalyzed synthesis of medium- and large-sized nitrogen heterocycles via N-arylation of phosphoramidates and carbamates. <i>Organic Letters</i> , 2005 , 7, 4781-4	6.2	71
30	Copper-catalyzed arylation of amines using diphenyl pyrrolidine-2-phosphonate as the new ligand. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8107-9	4.2	108
29	Peptide sequencing through N-terminal phosphorylation and electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 772-6	2.2	11
28	Synthesis of nucleoside N-phosphoamino acids and peptide formation. <i>Origins of Life and Evolution of Biospheres</i> , 2005 , 35, 11-7	1.5	5

27	Synthesis and electrospray ionization mass spectra of dinucleotide thiophosphoramidates. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 292-6	2.2	1
26	An Efficient Method for Synthesis of 4-(Phosphonomethyl)benzene Derivatives Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2004 , 34, 1017-1022	1.7	0
25	Synthesis and electrospray ionization mass spectra of AZT/d4T boranophosphates. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 273-7	2.2	4
24	Synthesis and Resolution of Dinucleotide(TpAZT) Phosphoramidates. <i>Synthetic Communications</i> , 2003 , 33, 2553-2562	1.7	2
23	A Stepwise one-pot synthesis of aryl N-phosphonamidothionate derivatives of nucleosides. <i>Heteroatom Chemistry</i> , 2003 , 14, 62-66	1.2	7
22	Synthesis and hydrolysis of a phenylalanyl adenylate pentacoordinated phosphorane. <i>Bioorganic Chemistry</i> , 2003 , 31, 122-8	5.1	4
21	Novel synthetic method of phosphoramidate peptides and its application in peptide sequencing via multistage mass spectrometry. <i>Chemical Communications</i> , 2003 , 2724-5	5.8	7
20	Reaction of ADP with amino acid methyl esters mediated by trimethylsilyl chloride. <i>Chemical Communications</i> , 2003 , 134-5	5.8	3
19	A Convenient Two-Step One-Pot Synthesis of Alkylthiophosphoramidates Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 641-646	1	4
18	A STEPWISE ONE POT SYNTHESIS OF ALKYL THIOPHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDES. <i>Synthetic Communications</i> , 2002 , 32, 1159-1167	1.7	6
17	ONE POT SYNTHESIS OF NUCLEOSIDE 5'-THIOPHOSPHORAMIDATES. <i>Synthetic Communications</i> , 2002 , 32, 1069-1076	1.7	5
16	ONE POT SYNTHESIS OF ARYL THIOPHOSPHORAMIDATE DERIVATIVES OF AZT. <i>Synthetic Communications</i> , 2002 , 32, 3301-3309	1.7	1
15	Rearrangement with formamide extrusion in the electrospray mass spectra of aminoacylbenzylamines. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1489-93	2.2	9
14	Rearrangement of P-N to P-O bonds in mass spectra of N-diisopropoxyphosphoryl amino acids/alcohols. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1936-1940	2.2	18
13	SYNTHESIS OF N-PHOSPHOPEPTIDES COUPLED BY DICHLOROTRIPHENYLPHOSPHORANE. <i>Synthetic Communications</i> , 2001 , 31, 2067-2075	1.7	2
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11	Electrospray ionization mass spectra of amino acid phosphoramidates of adenosine. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 1813-22	2.2	12
10	Synthesis of Novel N ϵ N ϵ lysine Linked Dinucleotides. <i>Synthetic Communications</i> , 2000 , 30, 3141-3151	1.7	3

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2	Fast Atom Bombardment Mass Spectra of N-Phosphorylated Peptide Analogs. <i>Journal of Mass Spectrometry</i> , 1997 , 32, 813-819	2.2	1
1	Mass spectra of pentacoordinate spirobicyclic imino(alkyl)acetoxyporphoranes. <i>Rapid Communications in Mass Spectrometry</i> , 1997 , 11, 1825-1828	2.2	6