

Wen-Jing Xiao

List of Publications by Citations

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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.

249
papers

18,134
citations

68
h-index

127
g-index

262
ext. papers

21,576
ext. citations

9.2
avg, IF

7.68
L-index

#	Paper	IF	Citations
249	Visible-light photoredox catalysis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6828-38	16.4	1685
248	Visible light photoredox-controlled reactions of N-radicals and radical ions. <i>Chemical Society Reviews</i> , 2016 , 45, 2044-56	58.5	766
247	Visible-Light-Induced Decarboxylative Functionalization of Carboxylic Acids and Their Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15632-41	16.4	530
246	Photoredoxkatalyse mit sichtbarem Licht. <i>Angewandte Chemie</i> , 2012 , 124, 6934-6944	3.6	498
245	Development of cascade reactions for the concise construction of diverse heterocyclic architectures. <i>Accounts of Chemical Research</i> , 2012 , 45, 1278-93	24.3	448
244	Exploration of Visible-Light Photocatalysis in Heterocycle Synthesis and Functionalization: Reaction Design and Beyond. <i>Accounts of Chemical Research</i> , 2016 , 49, 1911-23	24.3	430
243	Visible-Light-Induced Organic Photochemical Reactions through Energy-Transfer Pathways. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1586-1604	16.4	407
242	Highly efficient aerobic oxidative hydroxylation of arylboronic acids: photoredox catalysis using visible light. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 784-8	16.4	359
241	Formal [4+1] annulation reactions in the synthesis of carbocyclic and heterocyclic systems. <i>Chemical Reviews</i> , 2015 , 115, 5301-65	68.1	273
240	Visible light-driven organic photochemical synthesis in China. <i>Science China Chemistry</i> , 2019 , 62, 24-57	7.9	255
239	Visible Light-Driven Radical-Mediated C-C Bond Cleavage/Functionalization in Organic Synthesis. <i>Chemical Reviews</i> , 2021 , 121, 506-561	68.1	253
238	Decarboxylative alkynylation and carbonylative alkynylation of carboxylic acids enabled by visible-light photoredox catalysis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11196-9	16.4	245
237	Photocatalytic generation of N-centered hydrazone radicals: a strategy for hydroamination of α -unsaturated hydrazones. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12163-7	16.4	233
236	Visible-light-induced formal [3+2] cycloaddition for pyrrole synthesis under metal-free conditions. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5653-6	16.4	230
235	A Visible-Light-Driven Iminyl Radical-Mediated C-C Single Bond Cleavage/Radical Addition Cascade of Oxime Esters. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 738-743	16.4	216
234	Efficient Visible Light-Driven Splitting of Alcohols into Hydrogen and Corresponding Carbonyl Compounds over a Ni-Modified CdS Photocatalyst. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10128-31	16.4	213
233	Redox-neutral α -allylation of amines by combining palladium catalysis and visible-light photoredox catalysis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1625-8	16.4	203

232	Hydroformylation Reactions with Rhodium-Complexed Dendrimers on Silica. <i>Journal of the American Chemical Society</i> , 1999 , 121, 3035-3038	16.4	193
231	Controllable Remote C-H Bond Functionalization by Visible-Light Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1960-1962	16.4	191
230	When Light Meets Nitrogen-Centered Radicals: From Reagents to Catalysts. <i>Accounts of Chemical Research</i> , 2020 , 53, 1066-1083	24.3	188
229	Catalytic Asymmetric [4 + 1] Annulation of Sulfur Ylides with Copper-Allenylidene Intermediates. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8360-3	16.4	162
228	Catalytic N-radical cascade reaction of hydrazones by oxidative deprotonation electron transfer and TEMPO mediation. <i>Nature Communications</i> , 2016 , 7, 11188	17.4	161
227	Beyond sulfide-centric catalysis: recent advances in the catalytic cyclization reactions of sulfur ylides. <i>Chemical Society Reviews</i> , 2017 , 46, 4135-4149	58.5	156
226	Bifunctional Photocatalysts for Enantioselective Aerobic Oxidation of β -ketoesters. <i>Journal of the American Chemical Society</i> , 2017 , 139, 63-66	16.4	155
225	Visible-Light-Driven Photoredox Catalysis in the Construction of Carbocyclic and Heterocyclic Ring Systems. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6755-6770	3.2	155
224	Tandem Radical Cyclization of N-Arylacrylamides: An Emerging Platform for the Construction of 3,3-Disubstituted Oxindoles. <i>Synthesis</i> , 2015 , 47, 604-629	2.9	154
223	Photocatalytic Radical Trifluoromethylation/Cyclization Cascade: Synthesis of CF ₃ -Containing Pyrazolines and Isoxazolines. <i>Organic Letters</i> , 2015 , 17, 4464-7	6.2	151
222	Metal-Free, room-temperature, radical alkoxyacylation of aryldiazonium salts through visible-light photoredox catalysis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2265-9	16.4	143
221	Copper-Catalyzed Radical Cross-Coupling of Redox-Active Oxime Esters, Styrenes, and Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15505-15509	16.4	142
220	A new entry to cascade organocatalysis: reactions of stable sulfur ylides and nitroolefins sequentially catalyzed by thiourea and DMAP. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6946-8	16.4	140
219	Room temperature C-P bond formation enabled by merging nickel catalysis and visible-light-induced photoredox catalysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 4962-5	4.8	139
218	Highly enantioselective Friedel-Crafts alkylation/N-hemiacetalization cascade reaction with indoles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3250-4	16.4	136
217	Sequential Visible-Light Photoactivation and Palladium Catalysis Enabling Enantioselective [4+2] Cycloadditions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14707-14713	16.4	135
216	An organocatalytic Michael-aldol cascade: formal [3+2] annulation to construct enantioenriched spirocyclic oxindole derivatives. <i>Chemical Communications</i> , 2012 , 48, 5160-2	5.8	129
215	Hantzsch esters: an emerging versatile class of reagents in photoredox catalyzed organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6936-6951	3.9	126

214	Lewis acid assisted ring-closing metathesis of chiral diallyl amines: an efficient approach to enantiopure pyrrolidine derivatives. <i>Organic Letters</i> , 2005 , 7, 871-4	6.2	125
213	Enantioselective Trapping of Pd-Containing 1,5-Dipoles by Photogenerated Ketenes: Access to 7-Membered Lactones Bearing Chiral Quaternary Stereocenters. <i>Journal of the American Chemical Society</i> , 2019 , 141, 133-137	16.4	119
212	Visible-light-induced photocatalytic oxytrifluoromethylation of N-allylamides for the synthesis of CF ₃ -containing oxazolines and benzoxazines. <i>Chemical Communications</i> , 2015 , 51, 3537-40	5.8	115
211	Visible light induced intermolecular [2+2]-cycloaddition reactions of β -ylideneoxindoles through energy transfer pathway. <i>Tetrahedron</i> , 2012 , 68, 6914-6919	2.4	115
210	Durch sichtbares Licht induzierte decarboxylierende Funktionalisierung von Carbonsäuren und ihren Derivaten. <i>Angewandte Chemie</i> , 2015 , 127, 15854-15864	3.6	114
209	P,S Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladium-Catalyzed Decarboxylative [4+2] Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2200-4	16.4	111
208	Synthesis of indoles through highly efficient cascade reactions of sulfur ylides and N-(ortho-chloromethyl)aryl amides. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9137-40	16.4	111
207	Asymmetric Propargylic Radical Cyanation Enabled by Dual Organophotoredox and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6167-6172	16.4	110
206	Deaminative (Carbonylative) Alkyl-Heck-type Reactions Enabled by Photocatalytic C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2402-2406	16.4	109
205	Photocascade Catalysis: A New Strategy for Cascade Reactions. <i>ChemPhotoChem</i> , 2017 , 1, 148-158	3.3	106
204	Asymmetric trapping of zwitterionic intermediates by sulphur ylides in a palladium-catalysed decarboxylation-cycloaddition sequence. <i>Nature Communications</i> , 2014 , 5, 5500	17.4	106
203	Room temperature synthesis of isoquino[2,1-a][3,1]oxazine and isoquino[2,1-a]pyrimidine derivatives via visible light photoredox catalysis. <i>RSC Advances</i> , 2012 , 2, 4065	3.7	105
202	Highly Efficient Aerobic Oxidative Hydroxylation of Arylboronic Acids: Photoredox Catalysis Using Visible Light. <i>Angewandte Chemie</i> , 2012 , 124, 808-812	3.6	101
201	Visible-Light-Driven Aza-ortho-quinone Methide Generation for the Synthesis of Indoles in a Multicomponent Reaction. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9527-9531	16.4	99
200	[3 + 2] Cycloaddition/Oxidative Aromatization Sequence via Photoredox Catalysis: One-Pot Synthesis of Oxazoles from 2H-Azirines and Aldehydes. <i>Organic Letters</i> , 2015 , 17, 4070-3	6.2	95
199	Mit sichtbarem Licht induzierte, organische photochemische Reaktionen über Energietransferrouten. <i>Angewandte Chemie</i> , 2019 , 131, 1600-1619	3.6	93
198	[4+3] Cycloaddition of in situ generated azoalkenes with C,N-cyclic azomethine imines: efficient synthesis of tetrazepine derivatives. <i>Chemical Communications</i> , 2013 , 49, 7905-7	5.8	93
197	Organophotocatalytic Generation of N- and O-Centred Radicals Enables Aerobic Oxyamination and Dioxygenation of Alkenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 14141-6	4.8	92

196	Visible light-mediated CP bond formation reactions. <i>Science Bulletin</i> , 2019 , 64, 337-350	10.6	89
195	Tuning electronic and steric effects: highly enantioselective [4+1] pyrroline annulation of sulfur ylides with alpha,beta-unsaturated imines. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4495-8	16.4	87
194	New Roles for Photoexcited Eosin Y in Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 378-380	16.4	85
193	Visible light-promoted ring-opening functionalization of three-membered carbo- and heterocycles. <i>Chemical Society Reviews</i> , 2020 , 49, 2546-2556	58.5	83
192	Decarboxylative Alkynylation and Carbonylative Alkynylation of Carboxylic Acids Enabled by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2015 , 127, 11348-11351	3.6	83
191	Synthesis of CF ₃ -containing 3,3-cyclopropyl spirooxindoles by sequential [3 + 2] cycloaddition/ring contraction of ylideneoxindoles with 2,2,2-trifluorodiaoethane. <i>Journal of Organic Chemistry</i> , 2014 , 79, 2296-302	4.2	82
190	The First Examples of the Palladium-Catalyzed Thiocarbonylation of Propargylic Alcohols with Thiols and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , 1997 , 62, 3422-3423	4.2	81
189	Regioselective Carbonylative Heteroannulation of o-Iodothiophenols with Allenes and Carbon Monoxide Catalyzed by a Palladium Complex: A Novel and Efficient Access to Thiochroman-4-one Derivatives. <i>Journal of Organic Chemistry</i> , 1999 , 64, 9646-9652	4.2	81
188	Highly Regioselective Palladium-Catalyzed Thiocarbonylation of Allenes with Thiols and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , 1998 , 63, 2609-2612	4.2	80
187	Transition-metal-catalyzed cyclization reactions using vinyl and ethynyl benzoxazinones as dipole precursors. <i>Tetrahedron Letters</i> , 2018 , 59, 1521-1530	2	76
186	Photocatalytic aerobic oxidation/semipinacol rearrangement sequence: a concise route to the core of pseudoindoxyl alkaloids. <i>Tetrahedron Letters</i> , 2014 , 55, 4648-4652	2	76
185	Photoinduced Copper-Catalyzed Radical Aminocarbonylation of Cycloketone Oxime Esters. <i>ACS Catalysis</i> , 2019 , 9, 8159-8164	13.1	75
184	Construction of optically active indolines by formal [4+1] annulation of sulfur ylides and N-(ortho-chloromethyl)aryl amides. <i>Chemistry - A European Journal</i> , 2013 , 19, 8401-4	4.8	74
183	Construction of fused heterocyclic architectures by formal [4+1]/[3+2] cycloaddition cascade of sulfur ylides and nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9542-5	16.4	73
182	Iron-Catalyzed Decarboxylative (4+1) Cycloadditions: Exploiting the Reactivity of Ambident Iron-Stabilized Intermediates. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2840-4	16.4	69
181	Photocatalytic Hydrazone Radical-Mediated Radical Cyclization/Allylation Cascade: Synthesis of Dihydropyrazoles and Tetrahydropyridazines. <i>Organic Letters</i> , 2017 , 19, 3620-3623	6.2	67
180	De Novo Synthesis of α -Disubstituted Butyrolactones through a Visible Light Photocatalytic Arylation-Lactonization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2787-2793	5.6	67
179	Homogeneous visible-light photoredox catalysis. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11701-3	16.4	66

- 178 Organocatalytic Multiple Cascade Reactions: A New Strategy for the Construction of Enantioenriched Tetrahydrocarbazoles. *Advanced Synthesis and Catalysis*, **2011**, 353, 617-623 5.6 66
- 177 Asymmetric cyclopropanation of β -unsaturated α -ketoesters with stabilized sulfur ylides catalyzed by C₂-symmetric ureas. *Journal of Organic Chemistry*, **2011**, 76, 281-4 4.2 66
- 176 Visible-Light Photocatalytic Decarboxylative Alkyl Radical Addition Cascade for Synthesis of Benzazepine Derivatives. *Organic Letters*, **2018**, 20, 224-227 6.2 65
- 175 A photocatalytic iminyl radical-mediated C-C bond cleavage/addition/cyclization cascade for the synthesis of 1,2,3,4-tetrahydrophenanthrenes. *Chemical Communications*, **2018**, 54, 9925-9928 5.8 65
- 174 Copper-Catalyzed Enantioselective Inverse Electron-Demand Hetero-Diels-Alder Reactions of Diazadienes with Enol Ethers: Efficient Synthesis of Chiral Pyridazines. *Advanced Synthesis and Catalysis*, **2013**, 355, 3539-3544 5.6 65
- 173 Photocatalytic Generation of N-Centered Hydrazonyl Radicals: A Strategy for Hydroamination of β -Unsaturated Hydrazones. *Angewandte Chemie*, **2014**, 126, 12359-12363 3.6 65
- 172 Highly Enantioselective Organocatalytic Michael Addition/Cyclization Cascade Reaction of Ylideneoxindoles with Isothiocyanato Oxindoles: A Formal [3+2] Cycloaddition Approach to Optically Active Bisprioxindole Derivatives. *European Journal of Organic Chemistry*, **2013**, 2013, 2071-2075 3.2 65
- 171 Asymmetric Friedel-Crafts Alkylations of Indoles with Ethyl Glyoxylate Catalyzed by (S)-BINOL-Titanium(IV) Complex: Direct Access to Enantiomerically Enriched 3-Indolyl(hydroxy)acetates. *Advanced Synthesis and Catalysis*, **2007**, 349, 1597-1603 5.6 65
- 170 A Copper-Catalyzed Decarboxylative Amination/Hydroamination Sequence: Switchable Synthesis of Functionalized Indoles. *Angewandte Chemie - International Edition*, **2016**, 55, 12422-6 16.4 64
- 169 Highly Regioselective Thiocarbonylation of Allylic Alcohols with Thiols and Carbon Monoxide Catalyzed by Palladium Complexes: A New and Efficient Route to β -Unsaturated Thioesters. *Journal of Organic Chemistry*, **1998**, 63, 7939-7944 4.2 63
- 168 A visible-light photocatalytic N-radical cascade of hydrazones for the synthesis of dihydropyrazole-fused benzosultams. *Chemical Communications*, **2016**, 52, 12749-12752 5.8 63
- 167 Catalytic Asymmetric Cycloaddition of In Situ-Generated ortho-Quinone Methides and Azlactones by a Triple Brønsted Acid Activation Strategy. *Chemistry - A European Journal*, **2016**, 22, 6774-8 4.8 62
- 166 Visible-Light-Induced Formal [3+2] Cycloaddition for Pyrrole Synthesis under Metal-Free Conditions. *Angewandte Chemie*, **2014**, 126, 5759-5762 3.6 62
- 165 A photoredox catalyzed iminyl radical-triggered C-C bond cleavage/addition/Kornblum oxidation cascade of oxime esters and styrenes: synthesis of ketonitriles. *Chemical Communications*, **2018**, 54, 12262-12265 5.8 62
- 164 Visible-Light-Driven Organic Photochemical Reactions in the Absence of External Photocatalysts. *Synthesis*, **2019**, 51, 3021-3054 2.9 61
- 163 Highly Stereoselective [3+2] Cycloadditions of Chiral Palladium-Containing N(1)-1,3-Dipoles: A Divergent Approach to Enantioenriched Spirooxindoles. *Chemistry - A European Journal*, **2016**, 22, 6243-7 4.8 61
- 162 Silver(I)- and Base-Mediated [3 + 3]-Cycloaddition of C,N-Cyclic Azomethine Imines with Aza-oxyallyl Cations. *Organic Letters*, **2018**, 20, 52-55 6.2 61
- 161 Redox-Neutral β -Allylation of Amines by Combining Palladium Catalysis and Visible-Light Photoredox Catalysis. *Angewandte Chemie*, **2015**, 127, 1645-1648 3.6 59

160	Visible Light Photocatalytic Radical-Radical Cross-Coupling Reactions of Amines and Carbonyls: A Route to 1,2-Amino Alcohols. <i>Journal of Organic Chemistry</i> , 2016 , 81, 7237-43	4.2	57
159	Divergent Synthesis of Polycyclic Indolines: Copper-Catalyzed Cascade Reactions of Propargylic Carbamates and Indoles. <i>Organic Letters</i> , 2017 , 19, 4098-4101	6.2	56
158	First examples of enantioselective palladium-catalyzed thiocarbonylation of prochiral 1,3-conjugated dienes with thiols and carbon monoxide: efficient synthesis of optically active beta,gamma-unsaturated thiol esters. <i>Journal of Organic Chemistry</i> , 2001 , 66, 6229-33	4.2	56
157	Exploration of a Chiral Cobalt Catalyst for Visible-Light-Induced Enantioselective Radical Conjugate Addition. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13375-13379	16.4	55
156	Highly regioselective thiocarbonylation of conjugated dienes via palladium-catalyzed three-component coupling reactions. <i>Journal of Organic Chemistry</i> , 2000 , 65, 4138-44	4.2	55
155	Steuerbare C-H-Funktionalisierung durch Photokatalyse mit sichtbarem Licht. <i>Angewandte Chemie</i> , 2017 , 129, 1988-1990	3.6	53
154	Photoinduced, Copper-Catalyzed Radical Cross-Coupling of Cycloketone Oxime Esters, Alkenes, and Terminal Alkynes. <i>Organic Letters</i> , 2019 , 21, 4359-4364	6.2	53
153	Synthesis of 2-Substituted Indoles through Visible Light-Induced Photocatalytic Cyclizations of Styryl Azides. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2807-2812	5.6	53
152	Direct sp(3)C-H acroleination of N-aryl-tetrahydroisoquinolines by merging photoredox catalysis with nucleophilic catalysis. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2037-40	3.9	53
151	Light opens a new window for N-heterocyclic carbene catalysis. <i>Chemical Science</i> , 2020 , 11, 10605-10613	9.4	53
150	Enantioconvergent Copper Catalysis: In Situ Generation of the Chiral Phosphorus Ylide and Its Wittig Reactions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12847-12854	16.4	52
149	Catalytic Asymmetric Synthesis of Chiral Dihydrobenzofurans through a Formal [4+1] Annulation Reaction of Sulfur Ylides and In Situ Generated ortho-Quinone Methides. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 233-236	3.2	52
148	Palladium-catalyzed ring-opening thiocarbonylation of vinylcyclopropanes with thiols and carbon monoxide. <i>Journal of Organic Chemistry</i> , 2009 , 74, 888-90	4.2	51
147	Photoredox-promoted alkyl radical addition/semipinacol rearrangement sequences of alkenylcyclobutanols: rapid access to cyclic ketones. <i>Chemical Communications</i> , 2018 , 54, 8096-8099	5.8	51
146	Highly Chemo- and Regioselective Thiocarbonylation of Conjugated Enynes with Thiols and Carbon Monoxide Catalyzed by Palladium Complexes: An Efficient and Atom-Economical Access to 2-(Phenylthiocarbonyl)-1,3-dienes. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2080-2084	4.2	48
145	Photocatalytic Decarboxylative Hydroxylation of Carboxylic Acids Driven by Visible Light and Using Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2016 , 81, 7250-5	4.2	48
144	Enantioselective Di-/Perfluoroalkylation of α -Ketoesters Enabled by Cooperative Photoredox/Nickel Catalysis. <i>Organic Letters</i> , 2018 , 20, 461-464	6.2	46
143	De novo synthesis of imidazoles by visible-light-induced photocatalytic aerobic oxidation/[3+2] cycloaddition/aromatization cascade. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2432-5	4.5	45

- 142 Enantioselective construction of oxa- and aza-angular triquinanes through tandem [4 + 1]/[3 + 2] cycloaddition of sulfur ylides and nitroolefins. *Organic Letters*, **2013**, 15, 542-5 6.2 45
- 141 Enantioselective Radical Ring-Opening Cyanation of Oxime Esters by Dual Photoredox and Copper Catalysis. *Organic Letters*, **2019**, 21, 9763-9768 6.2 45
- 140 Double Carbonylation Reactions of Enynols and Thiols to Form Thioester Substituted 6-Membered Ring Lactones. *Advanced Synthesis and Catalysis*, **2006**, 348, 1807-1812 5.6 44
- 139 [3 + 2]-Cycloaddition of 2 H-Azirines with Nitrosoarenes: Visible-Light-Promoted Synthesis of 2,5-Dihydro-1,2,4-oxadiazoles. *Organic Letters*, **2019**, 21, 4234-4238 6.2 43
- 138 Catalytic Decarboxylative Radical Sulfonylation. *Chem*, **2020**, 6, 1149-1159 16.2 43
- 137 Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. *Angewandte Chemie - International Edition*, **2018**, 57, 5888-5892 16.4 43
- 136 Visible light-driven photocatalytic generation of sulfonamidyl radicals for alkene hydroamination of unsaturated sulfonamides. *Chemical Communications*, **2018**, 54, 6780-6783 5.8 43
- 135 Photocatalytic Neophyl Rearrangement and Reduction of Distal Carbon Radicals by Iminyl Radical-Mediated C-C Bond Cleavage. *Advanced Synthesis and Catalysis*, **2018**, 360, 3601-3606 5.6 43
- 134 Enantioselective direct functionalization of indoles by Pd/sulfoxide-phosphine-catalyzed N-allylic alkylation. *Organic Letters*, **2015**, 17, 1381-4 6.2 42
- 133 Hydrogen-bond-mediated asymmetric cascade reaction of stable sulfur ylides with nitroolefins: scope, application and mechanism. *Chemistry - A European Journal*, **2012**, 18, 4073-9 4.8 42
- 132 Practical heterogeneous photoredox/nickel dual catalysis for C-N and C-O coupling reactions. *Chemical Communications*, **2019**, 55, 4853-4856 5.8 41
- 131 Metal-containing carbonyl ylides: versatile reactants in catalytic enantioselective cascade reactions. *Angewandte Chemie - International Edition*, **2014**, 53, 4038-40 16.4 41
- 130 Design of chiral sulfoxide-Schiff base hybrids and their application in Cu-catalyzed asymmetric Henry reactions. *Chemical Communications*, **2012**, 48, 5596-8 5.8 41
- 129 Visible Light-Induced Aerobic Oxyamidation of Indoles: A Photocatalytic Strategy for the Preparation of Tetrahydro-5H-indolo[2,3-b]quinolinols. *Advanced Synthesis and Catalysis*, **2013**, 355, 1483-1489⁴¹ 5.6 41
- 128 Alkenylation of unactivated alkyl bromides through visible light photocatalysis. *Chemical Communications*, **2018**, 55, 107-110 5.8 40
- 127 Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. *Angewandte Chemie - International Edition*, **2019**, 58, 11013-11017 16.4 40
- 126 Palladium-Catalyzed Asymmetric [8+2] Dipolar Cycloadditions of Vinyl Carbamates and Photogenerated Ketenes. *Angewandte Chemie - International Edition*, **2020**, 59, 14096-14100 16.4 39
- 125 Visible-light-induced photocatalytic formyloxylations reactions of 3-bromooxindoles with water and DMF: the scope and mechanism. *Green Chemistry*, **2014**, 16, 3787-3795 10 39

124	Synthesis of Indoles through Highly Efficient Cascade Reactions of Sulfur Ylides and N-(ortho-Chloromethyl)aryl Amides. <i>Angewandte Chemie</i> , 2012 , 124, 9271-9274	3.6	39
123	A Visible-Light-Driven Iminyl Radical-Mediated C \equiv N Single Bond Cleavage/Radical Addition Cascade of Oxime Esters. <i>Angewandte Chemie</i> , 2018 , 130, 746-751	3.6	38
122	Metal-Free, Room-Temperature, Radical Alkoxyacylation of Aryldiazonium Salts through Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2015 , 127, 2293-2297	3.6	38
121	Enantioselective Radical Carbocyanation of 1,3-Dienes via Photocatalytic Generation of Allylcopper Complexes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4168-4173	16.4	38
120	Synergetic iridium and amine catalysis enables asymmetric [4+2] cycloadditions of vinyl aminoalcohols with carbonyls. <i>Nature Communications</i> , 2019 , 10, 2716	17.4	37
119	Highly stereoselective palladium-catalyzed dithiocarbonylation of propargylic mesylates with thiols and carbon monoxide. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1802-7	4.2	36
118	A visible light photoredox catalyzed carbon radical-mediated generation of ortho-quinone methides for 2,3-dihydrobenzofuran synthesis. <i>Chemical Communications</i> , 2019 , 55, 3117-3120	5.8	36
117	Eosin Y as a Redox Catalyst and Photosensitizer for Sequential Benzylic C-H Amination and Oxidation. <i>Chemistry - A European Journal</i> , 2018 , 24, 16895-16901	4.8	35
116	A Practical and Enantioselective Approach to Tetrahydrocarbazoles by Asymmetric Organocatalysis. <i>ChemCatChem</i> , 2011 , 3, 679-683	5.2	35
115	A photoinduced Wolff rearrangement/Pd-catalyzed [3+2] cycloaddition sequence: an unexpected route to tetrahydrofurans. <i>Chemical Communications</i> , 2019 , 55, 2031-2034	5.8	34
114	Palladium/sulfoxide-phosphine-catalyzed highly enantioselective allylic etherification and amination. <i>Chemical Communications</i> , 2014 , 50, 9550-3	5.8	34
113	Hydrogen Bond Direction Enables Palladium-Catalyzed Branch- and Enantioselective Allylic Aminations and Beyond. <i>Organic Letters</i> , 2017 , 19, 4094-4097	6.2	34
112	Synthesis of 3,3-Substituted Indoles through a Copper-Catalyzed Friedel-Crafts Propargylation/Hydroamination/Aromatization Sequence. <i>Organic Letters</i> , 2018 , 20, 3237-3240	6.2	34
111	Photoinduced Copper-Catalyzed Asymmetric C-O Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13382-13392	16.4	34
110	Phototandem catalysis: efficient synthesis of 3-ester-3-hydroxy-2-oxindoles by a visible light-induced cyclization of diazoamides through an aerobic oxidation sequence. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 124-8	4.5	33
109	Synthesis of Dihydropyrazoles via Ligand-Free Pd-Catalyzed Alkene Aminoarylation of Unsaturated Hydrazones with Diaryliodonium Salts. <i>Organic Letters</i> , 2017 , 19, 5208-5211	6.2	32
108	Visible-Light-Induced Direct Photocatalytic Carboxylation of Indoles with CBr $_4$ /MeOH. <i>Chemistry - A European Journal</i> , 2015 , 21, 18052-6	4.8	32
107	Dual Photoredox/Nickel-Catalyzed Regioselective Cross-Coupling of 2-Arylaziridines and Potassium Benzyltrifluoroborates: Synthesis of β -Substituted Amines. <i>Organic Letters</i> , 2018 , 20, 421-424	6.2	31

106	Rational design of sulfoxide-phosphine ligands for Pd-catalyzed enantioselective allylic alkylation reactions. <i>Chemical Communications</i> , 2014 , 50, 2873-5	5.8	30
105	Visible-Light-Driven Copper-Catalyzed C(sp)-O Cross-Coupling of Benzylic Radicals with Phenols. <i>Organic Letters</i> , 2020 , 22, 2333-2338	6.2	29
104	Utilizing Vinylcyclopropane Reactivity: Palladium-Catalyzed Asymmetric [5+2] Dipolar Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17429-17434	16.4	29
103	Copper-catalyzed decarboxylative cyclization via tandem C-P and C-N bond formation: access to 2-phosphorylmethyl indoles. <i>Chemical Communications</i> , 2018 , 54, 3154-3157	5.8	29
102	P,S Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladium-Catalyzed Decarboxylative [4+2] Cycloadditions. <i>Angewandte Chemie</i> , 2016 , 128, 2240-2244	3.6	29
101	Radical C-C Bond Cleavage/Addition Cascade of Benzyl Cycloketone Oxime Ethers Enabled by Photogenerated Cyclic Iminyl Radicals. <i>Organic Letters</i> , 2019 , 21, 6924-6929	6.2	29
100	Copper-Catalyzed Radical Cross-Coupling of Oxime Esters and Sulfinates for Synthesis of Cyanoalkylated Sulfones. <i>ChemCatChem</i> , 2019 , 11, 5300-5305	5.2	29
99	Synthesis of Polysubstituted Pyrroles through a Formal [4 + 1] Cycloaddition/E1cb Elimination/Aromatization Sequence of Sulfur Ylides and β -Unsaturated Imines. <i>Journal of Organic Chemistry</i> , 2017 , 82, 12134-12140	4.2	28
98	Formal [3 + 2] Cycloadditions via Indole Activation: A Route to Pyrroloindolines and Furoindolines. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10491-10498	4.2	28
97	Visible-Light-Driven Aza-ortho-quinone Methide Generation for the Synthesis of Indoles in a Multicomponent Reaction. <i>Angewandte Chemie</i> , 2017 , 129, 9655-9659	3.6	27
96	Visible-Light-Driven Photocatalytic Activation of Inert Sulfur Ylides for 3-Acyl Oxindole Synthesis. <i>Chemistry - A European Journal</i> , 2016 , 22, 8432-7	4.8	27
95	Cobalt(II)-Catalyzed Alkoxyacylation of Aliphatic Amines via C-N Bond Activation. <i>Organic Letters</i> , 2019 , 21, 6919-6923	6.2	25
94	Synthesis of Phenolic Glycosides: Glycosylation of Sugar Lactols with Aryl Bromides via Dual Photoredox/Ni Catalysis. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13325-13334	4.2	25
93	Non-Bonding Interactions Enable the Selective Formation of Branched Products in Palladium-Catalyzed Allylic Substitution Reactions. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2174-2183	4.5	25
92	Inverse-electron-demand [4+2] cycloaddition of photogenerated aza-ortho-quinone methides with 1,3,5-triazinanes: access to perfluoroalkylated tetrahydroquinazolines. <i>Chemical Communications</i> , 2020 , 56, 3777-3780	5.8	23
91	Highly enantioselective Pd-catalyzed indole allylic alkylation using binaphthyl-based phosphoramidite-thioether ligands. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1246-1249	5.2	22
90	A Highly Enantioselective Copper/Phosphoramidite-Thioether-Catalyzed Diastereodivergent 1,3-Dipolar Cycloaddition of Azomethine Ylides and Nitroalkenes. <i>Chemistry - A European Journal</i> , 2018 , 24, 1714-1719	4.8	22
89	Dual photoredox and nickel-catalyzed desymmetric C α coupling reactions: visible light-mediated enantioselective synthesis of 1,4-benzodioxanes. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3098-3102	5.2	22

88	Synthesis of spiropyrazoline oxindoles by a formal [4 + 1] annulation reaction between 3-bromooxindoles and in situ-derived 1,2-diaza-1,3-dienes. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1289-1293	5.2	21
87	Asymmetric three-component olefin dicarbofunctionalization enabled by photoredox and copper dual catalysis. <i>Nature Communications</i> , 2021 , 12, 1815	17.4	21
86	Synthesis of Hydrazone-Containing Chroman-2-ones and Dihydroquinolin-2-ones via Photocatalytic Radical Cascade Reaction of Aroylhydrozones. <i>Organic Letters</i> , 2016 , 18, 6304-6307	6.2	21
85	Catalytic Asymmetric Allylation of 3-Aryloxindoles by Merging Palladium Catalysis and Asymmetric H-Bonding Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2594-2598	5.6	21
84	Deaminative (Carboxylative) Alkyl-Heck-type Reactions Enabled by Photocatalytic C-N Bond Activation. <i>Angewandte Chemie</i> , 2019 , 131, 2424-2428	3.6	21
83	Metallaphotoredox catalysis for multicomponent coupling reactions. <i>Green Chemistry</i> , 2021 , 23, 5379-5393	16.4	21
82	Copper-Catalyzed Radical Cross-Coupling of Redox-Active Oxime Esters, Styrenes, and Boronic Acids. <i>Angewandte Chemie</i> , 2018 , 130, 15731-15735	3.6	21
81	Photoinduced Copper-Catalyzed Asymmetric Three-Component Coupling of 1,3-Dienes: An Alternative to Kharasch-Sosnovsky Reaction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22956-22962	16.4	21
80	Visible-Light-Driven Radical Multicomponent Reaction of 2-Vinylanilines, Sulfonyl Chlorides, and Sulfur Ylides for Synthesis of Indolines. <i>Organic Letters</i> , 2020 , 22, 2639-2644	6.2	20
79	Catalyst-Controlled Regioselective Acylation of α -Ketoesters with α -Diazo Ketones Induced by Visible Light. <i>Organic Letters</i> , 2018 , 20, 7278-7282	6.2	20
78	Aerobic oxidative C-B bond cleavage of arylboronic acids mediated by methylhydrazines. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 151	5.2	19
77	Visible Light-Promoted Amide Bond Formation via One-Pot Nitrone in Situ Formation/Rearrangement Cascade. <i>CCS Chemistry</i> , 2021 , 2, 2764-2771	7.2	19
76	Catalyst- and Oxidant-Free Desulfonative C-B Couplings for the Synthesis of Phosphine Oxides and Phosphonates. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 4141-4146	5.6	18
75	Advances on Asymmetric Allylic Substitutions under Synergetic Catalysis System with Transition Metals and Organocatalysts. <i>Acta Chimica Sinica</i> , 2018 , 76, 838	3.3	18
74	Iron-Catalyzed Decarboxylative (4+1) Cycloadditions: Exploiting the Reactivity of Ambident Iron-Stabilized Intermediates. <i>Angewandte Chemie</i> , 2016 , 128, 2890-2894	3.6	18
73	C-B allylation of N-aryl-tetrahydroisoquinolines by merging photoredox catalysis with iodide catalysis. <i>Science China Chemistry</i> , 2016 , 59, 171-174	7.9	17
72	Efficient Synthesis of Dihydropyrazoles by Halocyclization of α -Unsaturated Hydrazones. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 3082-3086	3.2	17
71	Recent Advances of 1,3,5-Triazinanes in Aminomethylation and Cycloaddition Reactions. <i>Synthesis</i> , 2020 , 52, 2469-2482	2.9	16

70	Photoinduced strategies towards strained molecules. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2531-2537	5.2	16
69	Photogenerated Neutral Nitrogen Radical Catalyzed Bifunctionalization of Alkenes. <i>Chemistry - A European Journal</i> , 2019 , 25, 8024-8029	4.8	15
68	Visible-Light-Driven Nitrogen Radical-Catalyzed [3 + 2] Cyclization of Vinylcyclopropanes and -Tosyl Vinylaziridines with Alkenes. <i>Organic Letters</i> , 2020 , 22, 2470-2475	6.2	15
67	Metallhaltige Carbonylylide: vielseitige Reaktanten in enantioselektiven katalytischen Kaskadenreaktionen. <i>Angewandte Chemie</i> , 2014 , 126, 4118-4120	3.6	15
66	Side-chain-extended conjugation: a strategy for improving the photocatalytic hydrogen production performance of a linear conjugated polymer. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 8782-8791	13	15
65	Synthesis of Trisubstituted 1,2,4-Triazoles from Azlactones and Aryldiazonium Salts by a Cycloaddition/Decarboxylation Cascade. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6994-6998	3.2	14
64	Visible Light Photocatalytic Radical Addition/Cyclization Reaction of o-Vinyl-N-Alkoxybenzamides for Synthesis of CF ₃ -Containing Iminoisobenzofurans. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2087-2092	5.6	14
63	Recent advances in transition-metal-catalysed asymmetric coupling reactions with light intervention. <i>Chemical Society Reviews</i> , 2021 , 50, 12808-12827	58.5	14
62	Light Up the Transition Metal-Catalyzed Single-Electron Allylation. <i>Trends in Chemistry</i> , 2020 , 2, 764-775	14.8	14
61	Photoredox-Catalyzed Multicomponent Cyclization of 2-Vinyl Phenols, N-Alkoxyppyridinium Salts, and Sulfur Ylides for Synthesis of Dihydrobenzofurans. <i>ChemCatChem</i> , 2021 , 13, 543-547	5.2	14
60	UV-Cross-linkable Donor-Acceptor Polymers Bearing a Photostable Conjugated Backbone for Efficient and Stable Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35430-35440	8.5	14
59	Pd/Phosphoramidite Thioether Complex-Catalyzed Asymmetric N-Allylic Alkylation of Hydrazones with Allylic Acetates. <i>Organic Letters</i> , 2018 , 20, 3473-3476	6.2	14
58	Visible-Light-Driven Neutral Nitrogen Radical Mediated Intermolecular Styrene Difunctionalization. <i>Organic Letters</i> , 2019 , 21, 3861-3865	6.2	13
57	Mutual Composition Transformations Among 2D/3D Organolead Halide Perovskites and Mechanisms Behind. <i>Solar Rrl</i> , 2018 , 2, 1800125	7.1	13
56	Homogene Photoredoxkatalyse im sichtbaren Spektralbereich. <i>Angewandte Chemie</i> , 2013 , 125, 11917-11919	13.9	13
55	Transition-metal-free synthesis of 1,4-benzoxazepines via [4+3]-cycloaddition of para-quinone methides with azaoxyallyl cations. <i>Science China Chemistry</i> , 2021 , 64, 61-65	7.9	13
54	Palladium-Catalyzed Ring-Forming Alkene Aminoarylation of Unsaturated Hydrazones and Sulfonamides. <i>Organic Letters</i> , 2018 , 20, 3314-3318	6.2	13
53	Highly Efficient Route to Diselenides from the Reactions of Imines and Selenium in the Presence of Carbon Monoxide and Water. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 877-882	5.6	12

52	Neue Rollen für photoangeregtes Eosin Y in photochemischen Reaktionen. <i>Angewandte Chemie</i> , 2019 , 131, 384-386	3.6	11
51	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie</i> , 2018 , 130, 5990-5994	3.6	11
50	Stereospecific Decarboxylative Benzoylation of Enolates: Development and Mechanistic Insight. <i>Organic Letters</i> , 2018 , 20, 1730-1734	6.2	11
49	Visible-light-induced triple catalysis for a ring-opening cyanation of cyclopropyl ketones. <i>Chemical Communications</i> , 2020 , 56, 11508-11511	5.8	11
48	Photoredox/Cobalt-Catalyzed Phosphinyloxy Radical Addition/Cyclization Cascade: Synthesis of Phosphaisocoumarins. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6798-6806	4.2	10
47	Palladium-Catalyzed Asymmetric [8+2] Dipolar Cycloadditions of Vinyl Carbamates and Photogenerated Ketenes. <i>Angewandte Chemie</i> , 2020 , 132, 14200-14204	3.6	10
46	Radical Carbonylative Synthesis of Heterocycles by Visible Light Photoredox Catalysis. <i>Catalysts</i> , 2020 , 10, 1054	4	10
45	Organocatalysis Combined with Photocatalysis. <i>Topics in Current Chemistry</i> , 2019 , 377, 37	7.2	9
44	Catalytic substitution/cyclization sequences of O-substituted Isocyanates: synthesis of 1-alkoxybenzimidazolones and 1-alkoxy-3,4-dihydroquinazolin-2(1H)-ones. <i>Chemical Communications</i> , 2017 , 53, 13055-13058	5.8	9
43	A Career in Catalysis: Howard Alper. <i>ACS Catalysis</i> , 2019 , 9, 6467-6483	13.1	8
42	Exploration of a Chiral Cobalt Catalyst for Visible-Light-Induced Enantioselective Radical Conjugate Addition. <i>Angewandte Chemie</i> , 2019 , 131, 13509-13513	3.6	8
41	Recent advances in the catalytic asymmetric alkylation of stabilized phosphorous ylides. <i>Chemical Communications</i> , 2019 , 55, 8716-8721	5.8	7
40	Tandem Phospha-Michael Addition/N-Acylation/ Intramolecular Wittig Reaction of aza-o-Quinone Methides: Approaches to 2,3-Disubstituted Indoles. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 2615-2619	5.6	7
39	Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. <i>Angewandte Chemie</i> , 2019 , 131, 11129-11133	3.6	7
38	Organocatalytic Asymmetric Conjugate Addition of 2-Oxindole-3-Carboxylate Esters to 2-Phthalimido Acrylates: Efficient Synthesis of C-Tetrasubstituted β -Amino Acid Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 530-535	3	7
37	Synthesis of Spiro[pyrazolin-3,3]oxindoles and 3-Arylcarbonylmethyl Substituted Ylideneoxindoles by 1,3-Dipolar Cycloadditions of 3-Ylideneoxindoles and In-Situ-Generated β Diazoketones. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10433-10443	4.2	7
36	Recent advances in radical-mediated transformations of 1,3-dienes. <i>Chinese Journal of Catalysis</i> , 2022 , 43, 548-557	11.3	7
35	Chlorobenzene: A Processing Solvent Enabling the Fabrication of Perovskite Solar Cells with Consecutive Double-Perovskite and Perovskite/Organic Semiconductor Bulk Heterojunction Layers. <i>Solar Rrl</i> , 2019 , 3, 1800325	7.1	6

34	Chiral Squaramide Catalyzed Asymmetric Conjugate Additions of 3-Substituted Oxindoles to Vinylphosphonates. <i>Synthesis</i> , 2013 , 45, 1647-1653	2.9	6
33	Enantioselective Synthesis of Highly Substituted Chromans by a Zinc(II)-Catalyzed Tandem Friedel-Crafts Alkylation/Michael Addition Reaction. <i>Synthesis</i> , 2013 , 45, 601-608	2.9	6
32	Synthesis of new meso-tetraarylporphyrins bearing cardanol and further transformation of the unsaturated chains. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1071-1079	1.8	6
31	Utilizing Vinylcyclopropane Reactivity: Palladium-Catalyzed Asymmetric [5+2] Dipolar Cycloadditions. <i>Angewandte Chemie</i> , 2020 , 132, 17582-17587	3.6	6
30	Asymmetric Deoxygenative Cyanation of Benzyl Alcohols Enabled by Synergistic Photoredox and Copper Catalysis. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1671-1675	4.9	6
29	Visible-light-promoted nitrene synthesis from nitrosoarenes under catalyst- and additive-free conditions. <i>Photochemical and Photobiological Sciences</i> , 2021 , 20, 823-829	4.2	6
28	Synergistic CO ₂ Mediation and Photocatalysis for α -Alkylation of Primary Aliphatic Amines. <i>Chem</i> , 2018 , 4, 2274-2277	16.2	6
27	High-order dipolar annulations with metal-containing reactive dipoles. <i>Chemical Society Reviews</i> , 2022 ,	58.5	6
26	Visible Light Mediated α -Amino C-H Functionalization Reactions 2018 , 93-127		5
25	Donor-acceptor photovoltaic polymers based on 1,4-dithienyl-2,5-dialkoxybenzene with intramolecular noncovalent interactions. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 689-698	2.5	5
24	Enantioselective trapping of palladium-stabilized oxo-1,4-dipoles with photochemically generated ketenes. <i>Science Bulletin</i> , 2021 , 66, 1719-1722	10.6	5
23	A powerful approach to alkoxy radical-mediated remote C(sp ³)-H bonds functionalization. <i>Science China Chemistry</i> , 2018 , 61, 505-506	7.9	4
22	Recent Advances in Visible-Light-Mediated Amide Synthesis. <i>Molecules</i> , 2022 , 27,	4.8	4
21	Visible-Light-Driven Photoredox-Catalyzed Three-Component Radical Cyanoalkylfluorination of Alkenes with Oxime Esters and a Fluoride Ion. <i>Organic Letters</i> , 2021 , 23, 6987-6992	6.2	4
20	Catalytic Asymmetric Construction of Axially and Centrally Chiral Heterobiaryls by Minisci Reaction. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	4
19	Recent Advances in Cycloaddition Reactions of Azlactones for Heterocycle Synthesis. <i>Current Catalysis</i> , 2017 , 6,	0.4	3
18	Practical C-H bond formation via heterogeneous photoredox and nickel synergetic catalysis. <i>Chinese Journal of Catalysis</i> , 2019 , 40, 1841-1846	11.3	3
17	Photoredox-mediated N-centered radical addition/semipinacol rearrangement for the convenient synthesis of β -amino (spiro)cyclic ketones. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4224-4229	5.2	3

16	The Proline-Catalyzed Mannich Reaction and the Advent of Enamine Catalysis 2012 , 367-384		2
15	Addition to Carbonyl Compounds 101-144		2
14	A Dipolar Cyclization/Fragmentation Strategy for the Catalytic Asymmetric Synthesis of Chiral 8-Membered Lactams. <i>CCS Chemistry</i> , 1-18	7.2	2
13	A cooperative Pd/Co catalysis system for the asymmetric (4+2) cycloaddition of vinyl benzoxazinones with α -acylpyrazoles. <i>Chemical Communications</i> , 2021 ,	5.8	2
12	Oxygen Heterocycles: Eosin Derivatives. <i>Catalytic Science Series</i> , 2019 , 243-286	0.4	2
11	Alkene Synthesis by Photo-Wolff-Kischner Reaction of Sulfur Ylides and N-Tosylhydrazones. <i>Chemistry - A European Journal</i> , 2021 , 27, 14195-14201	4.8	2
10	Synthesis of hydroindoles via desymmetric [3+2] cycloadditions of para-quinamines with photogenerated ketenes. <i>Chemical Communications</i> , 2021 , 57, 8496-8499	5.8	2
9	Photoredox-Catalyzed and Copper(II) Salt-Assisted Radical Addition/Hydroxylation Reaction of Alkenes, Sulfur Ylides, and Water. <i>ACS Catalysis</i> , 2022 , 12, 3279-3285	13.1	2
8	The Recent Developments of Photocatalytic Oxidation 2019 , 383-408		1
7	Photoredox-Enabled Chromium-Catalyzed Alkene Diacylations. <i>ACS Catalysis</i> , 2022 , 12, 1879-1885	13.1	1
6	Photoredox Catalysis Unlocks the Nickel-Catalyzed Cyanation of Aryl Halides under Benign Conditions. <i>CCS Chemistry</i> , 1-22	7.2	1
5	Heterocycle Synthesis Based on Visible-Light-Induced Photocatalytic C-H Functionalization 2016 , 403-448		1
4	Photoinduced Copper-Catalyzed Asymmetric Three-Component Coupling of 1,3-Dienes: An Alternative to Kharasch-Bosnovsky Reaction. <i>Angewandte Chemie</i> , 2021 , 133, 23138	3.6	1
3	Visible-light-induced tandem radical addition/cyclization of 2-alkenylphenols and CBr ₄ for the synthesis of 4-arylcoumarins. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 5052-5057	5.2	1
2	Ultrasimple air-annealed pure graphene oxide film for high-performance supercapacitors.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 960-970	9.3	1
1	Intercepting a labile anti-allyl-iridium complex before its isomerization. <i>Chem</i> , 2021 , 7, 552-554	16.2	