

# Wen-Jing Xiao

## 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.

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	Photoredox-Enabled Chromium-Catalyzed Alkene Diacylations. <i>ACS Catalysis</i> , <b>2022</b> , 12, 1879-1885	13.1	1
248	Recent Advances in Visible-Light-Mediated Amide Synthesis.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	4
247	Recent advances in radical-mediated transformations of 1,3-dienes. <i>Chinese Journal of Catalysis</i> , <b>2022</b> , 43, 548-557	11.3	7
246	Photoredox-Catalyzed and Copper(II) Salt-Assisted Radical Addition/Hydroxylation Reaction of Alkenes, Sulfur Ylides, and Water. <i>ACS Catalysis</i> , <b>2022</b> , 12, 3279-3285	13.1	2
245	Catalytic Asymmetric Construction of Axially and Centrally Chiral Heterobiaryls by Minisci Reaction.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	4
244	High-order dipolar annulations with metal-containing reactive dipoles.. <i>Chemical Society Reviews</i> , <b>2022</b> ,	58.5	6
243	Ultrasimple air-annealed pure graphene oxide film for high-performance supercapacitors.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 622, 960-970	9.3	1
242	A cooperative Pd/Co catalysis system for the asymmetric (4+2) cycloaddition of vinyl benzoxazinones with -acylpyrazoles. <i>Chemical Communications</i> , <b>2021</b> ,	5.8	2
241	Recent advances in transition-metal-catalysed asymmetric coupling reactions with light intervention. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 12808-12827	58.5	14
240	Intercepting a labile anti-allyl-iridium complex before its isomerization. <i>Chem</i> , <b>2021</b> , 7, 552-554	16.2	
239	Enantioselective Radical Carbocyanation of 1,3-Dienes via Photocatalytic Generation of Allylcopper Complexes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4168-4173	16.4	38
238	Asymmetric three-component olefin dicarbofunctionalization enabled by photoredox and copper dual catalysis. <i>Nature Communications</i> , <b>2021</b> , 12, 1815	17.4	21
237	Visible-light-promoted nitrene synthesis from nitrosoarenes under catalyst- and additive-free conditions. <i>Photochemical and Photobiological Sciences</i> , <b>2021</b> , 20, 823-829	4.2	6
236	Visible Light-Driven Radical-Mediated C-C Bond Cleavage/Functionalization in Organic Synthesis. <i>Chemical Reviews</i> , <b>2021</b> , 121, 506-561	68.1	253
235	Photoredox-Catalyzed Multicomponent Cyclization of 2-Vinyl Phenols, N-Alkoxyppyridinium Salts, and Sulfur Ylides for Synthesis of Dihydrobenzofurans. <i>ChemCatChem</i> , <b>2021</b> , 13, 543-547	5.2	14
234	Transition-metal-free synthesis of 1,4-benzoxazepines via [4+3]-cycloaddition of para-quinone methides with azaoxyallyl cations. <i>Science China Chemistry</i> , <b>2021</b> , 64, 61-65	7.9	13
233	Metallaphotoredox catalysis for multicomponent coupling reactions. <i>Green Chemistry</i> , <b>2021</b> , 23, 5379-5383		21

232	Visible-Light-Driven Photoredox-Catalyzed Three-Component Radical Cyanoalkylfluorination of Alkenes with Oxime Esters and a Fluoride Ion. <i>Organic Letters</i> , <b>2021</b> , 23, 6987-6992	6.2	4
231	Photoinduced Copper-Catalyzed Asymmetric C-O Cross-Coupling. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 13382-13392	16.4	34
230	Enantioselective trapping of palladium-stabilized oxo-1,4-dipoles with photochemically generated ketenes. <i>Science Bulletin</i> , <b>2021</b> , 66, 1719-1722	10.6	5
229	Alkene Synthesis by Photo-Wolff-Kischner Reaction of Sulfur Ylides and N-Tosylhydrazones. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 14195-14201	4.8	2
228	Photoinduced Copper-Catalyzed Asymmetric Three-Component Coupling of 1,3-Dienes: An Alternative to Kharasch-Sosnovsky Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22956-22962	16.4	21
227	Photoinduced Copper-Catalyzed Asymmetric Three-Component Coupling of 1,3-Dienes: An Alternative to Kharasch-Sosnovsky Reaction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 23138	3.6	1
226	Visible-light-induced tandem radical addition/cyclization of 2-alkenylphenols and CBr <sub>4</sub> for the synthesis of 4-arylcoumarins. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 5052-5057	5.2	1
225	Photoredox-mediated N-centered radical addition/semipinacol rearrangement for the convenient synthesis of amino (spiro)cyclic ketones. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 4224-4229	5.2	3
224	Synthesis of hydroindoles via desymmetric [3+2] cycloadditions of para-quinamines with photogenerated ketenes. <i>Chemical Communications</i> , <b>2021</b> , 57, 8496-8499	5.8	2
223	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> , <b>2021</b> , 9, 8782-8791	13	15
222	Palladium-Catalyzed Asymmetric [8+2] Dipolar Cycloadditions of Vinyl Carbamates and Photogenerated Ketenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 14096-14100	16.4	39
221	Palladium-Catalyzed Asymmetric [8+2] Dipolar Cycloadditions of Vinyl Carbamates and Photogenerated Ketenes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 14200-14204	3.6	10
220	Visible-Light-Driven Radical Multicomponent Reaction of 2-Vinylnilines, Sulfonyl Chlorides, and Sulfur Ylides for Synthesis of Indolines. <i>Organic Letters</i> , <b>2020</b> , 22, 2639-2644	6.2	20
219	Catalytic Decarboxylative Radical Sulfonylation. <i>Chem</i> , <b>2020</b> , 6, 1149-1159	16.2	43
218	Visible-Light-Driven Copper-Catalyzed C(sp)-O Cross-Coupling of Benzylic Radicals with Phenols. <i>Organic Letters</i> , <b>2020</b> , 22, 2333-2338	6.2	29
217	Visible light-promoted ring-opening functionalization of three-membered carbo- and heterocycles. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2546-2556	58.5	83
216	Utilizing Vinylcyclopropane Reactivity: Palladium-Catalyzed Asymmetric [5+2] Dipolar Cycloadditions. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17429-17434	16.4	29
215	Recent Advances of 1,3,5-Triazinanes in Aminomethylation and Cycloaddition Reactions. <i>Synthesis</i> , <b>2020</b> , 52, 2469-2482	2.9	16

214	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> , <b>2020</b> , 56, 3777-3780	5.8	23
213	Visible-Light-Driven Nitrogen Radical-Catalyzed [3 + 2] Cyclization of Vinylcyclopropanes and -Tosyl Vinylaziridines with Alkenes. <i>Organic Letters</i> , <b>2020</b> , 22, 2470-2475	6.2	15
212	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> , <b>2020</b> , 362, 2615-2619	5.6	7
211	Photoinduced strategies towards strained molecules. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 2531-2537	5.2	16
210	Utilizing Vinylcyclopropane Reactivity: Palladium-Catalyzed Asymmetric [5+2] Dipolar Cycloadditions. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17582-17587	3.6	6
209	Light opens a new window for N-heterocyclic carbene catalysis. <i>Chemical Science</i> , <b>2020</b> , 11, 10605-10613	9.4	53
208	Light Up the Transition Metal-Catalyzed Single-Electron Allylation. <i>Trends in Chemistry</i> , <b>2020</b> , 2, 764-775	14.8	14
207	Asymmetric Deoxygenative Cyanation of Benzyl Alcohols Enabled by Synergistic Photoredox and Copper Catalysis. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1671-1675	4.9	6
206	Radical Carbonylative Synthesis of Heterocycles by Visible Light Photoredox Catalysis. <i>Catalysts</i> , <b>2020</b> , 10, 1054	4	10
205	Visible-light-induced triple catalysis for a ring-opening cyanation of cyclopropyl ketones. <i>Chemical Communications</i> , <b>2020</b> , 56, 11508-11511	5.8	11
204	When Light Meets Nitrogen-Centered Radicals: From Reagents to Catalysts. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 1066-1083	24.3	188
203	Synthesis of Trisubstituted 1,2,4-Triazoles from Azlactones and Aryldiazonium Salts by a Cycloaddition/Decarboxylation Cascade. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 6994-6998	3.2	14
202	The Recent Developments of Photocatalytic Oxidation		1
201	A photoinduced Wolff rearrangement/Pd-catalyzed [3+2] cycloaddition sequence: an unexpected route to tetrahydrofurans. <i>Chemical Communications</i> , <b>2019</b> , 55, 2031-2034	5.8	34
200	Synergetic iridium and amine catalysis enables asymmetric [4+2] cycloadditions of vinyl aminoalcohols with carbonyls. <i>Nature Communications</i> , <b>2019</b> , 10, 2716	17.4	37
199	Hantzsch esters: an emerging versatile class of reagents in photoredox catalyzed organic synthesis. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 6936-6951	3.9	126
198	A Career in Catalysis: Howard Alper. <i>ACS Catalysis</i> , <b>2019</b> , 9, 6467-6483	13.1	8
197	Photoinduced, Copper-Catalyzed Radical Cross-Coupling of Cycloketone Oxime Esters, Alkenes, and Terminal Alkynes. <i>Organic Letters</i> , <b>2019</b> , 21, 4359-4364	6.2	53

196	Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11013-11017	16.4	40
195	Visible-Light-Driven Neutral Nitrogen Radical Mediated Intermolecular Styrene Difunctionalization. <i>Organic Letters</i> , <b>2019</b> , 21, 3861-3865	6.2	13
194	Visible-Light-Driven Organic Photochemical Reactions in the Absence of External Photocatalysts. <i>Synthesis</i> , <b>2019</b> , 51, 3021-3054	2.9	61
193	Photoredox/Cobalt-Catalyzed Phosphinyloxy Radical Addition/Cyclization Cascade: Synthesis of Phosphaisocoumarins. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 6798-6806	4.2	10
192	[3 + 2]-Cycloaddition of 2 H-Azirines with Nitrosoarenes: Visible-Light-Promoted Synthesis of 2,5-Dihydro-1,2,4-oxadiazoles. <i>Organic Letters</i> , <b>2019</b> , 21, 4234-4238	6.2	43
191	Recent advances in the catalytic asymmetric alkylation of stabilized phosphorous ylides. <i>Chemical Communications</i> , <b>2019</b> , 55, 8716-8721	5.8	7
190	Neue Rollen für photoangeregtes Eosin Y in photochemischen Reaktionen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 384-386	3.6	11
189	Photogenerated Neutral Nitrogen Radical Catalyzed Bifunctionalization of Alkenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8024-8029	4.8	15
188	Practical heterogeneous photoredox/nickel dual catalysis for C-N and C-O coupling reactions. <i>Chemical Communications</i> , <b>2019</b> , 55, 4853-4856	5.8	41
187	Asymmetric Propargylic Radical Cyanation Enabled by Dual Organophotoredox and Copper Catalysis. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 6167-6172	16.4	110
186	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> , <b>2019</b> , 3, 1800325	7.1	6
185	Visible light-mediated CP bond formation reactions. <i>Science Bulletin</i> , <b>2019</b> , 64, 337-350	10.6	89
184	Visible-Light-Induced Organic Photochemical Reactions through Energy-Transfer Pathways. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1586-1604	16.4	407
183	Mit sichtbarem Licht induzierte, organische photochemische Reaktionen über Energietransferwegen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1600-1619	3.6	93
182	Cobalt(II)-Catalyzed Alkoxyacylation of Aliphatic Amines via C-N Bond Activation. <i>Organic Letters</i> , <b>2019</b> , 21, 6919-6923	6.2	25
181	Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 11129-11133	3.6	7
180	Photoinduced Copper-Catalyzed Radical Aminocarbonylation of Cycloketone Oxime Esters. <i>ACS Catalysis</i> , <b>2019</b> , 9, 8159-8164	13.1	75
179	Radical C-C Bond Cleavage/Addition Cascade of Benzyl Cycloketone Oxime Ethers Enabled by Photogenerated Cyclic Iminyl Radicals. <i>Organic Letters</i> , <b>2019</b> , 21, 6924-6929	6.2	29

178	Exploration of a Chiral Cobalt Catalyst for Visible-Light-Induced Enantioselective Radical Conjugate Addition. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13375-13379	16.4	55
177	Exploration of a Chiral Cobalt Catalyst for Visible-Light-Induced Enantioselective Radical Conjugate Addition. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13509-13513	3.6	8
176	Organocatalysis Combined with Photocatalysis. <i>Topics in Current Chemistry</i> , <b>2019</b> , 377, 37	7.2	9
175	Copper-Catalyzed Radical Cross-Coupling of Oxime Esters and Sulfinates for Synthesis of Cyanoalkylated Sulfones. <i>ChemCatChem</i> , <b>2019</b> , 11, 5300-5305	5.2	29
174	Oxygen Heterocycles: Eosin Derivatives. <i>Catalytic Science Series</i> , <b>2019</b> , 243-286	0.4	2
173	A visible light photoredox catalyzed carbon radical-mediated generation of ortho-quinone methides for 2,3-dihydrobenzofuran synthesis. <i>Chemical Communications</i> , <b>2019</b> , 55, 3117-3120	5.8	36
172	Enantioselective Radical Ring-Opening Cyanation of Oxime Esters by Dual Photoredox and Copper Catalysis. <i>Organic Letters</i> , <b>2019</b> , 21, 9763-9768	6.2	45
171	Practical C $\beta$ bond formation via heterogeneous photoredox and nickel synergetic catalysis. <i>Chinese Journal of Catalysis</i> , <b>2019</b> , 40, 1841-1846	11.3	3
170	Visible light-driven organic photochemical synthesis in China. <i>Science China Chemistry</i> , <b>2019</b> , 62, 24-57	7.9	255
169	Deaminative (Carboxylative) Alkyl-Heck-type Reactions Enabled by Photocatalytic C $\alpha$ Bond Activation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2424-2428	3.6	21
168	Deaminative (Carboxylative) Alkyl-Heck-type Reactions Enabled by Photocatalytic C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2402-2406	16.4	109
167	New Roles for Photoexcited Eosin Y in Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 378-380	16.4	85
166	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> , <b>2019</b> , 141, 133-137	16.4	119
165	Alkenylation of unactivated alkyl bromides through visible light photocatalysis. <i>Chemical Communications</i> , <b>2018</b> , 55, 107-110	5.8	40
164	Copper-catalyzed decarboxylative cyclization via tandem C-P and C-N bond formation: access to 2-phosphorylmethyl indoles. <i>Chemical Communications</i> , <b>2018</b> , 54, 3154-3157	5.8	29
163	Visible Light Mediated $\beta$ Amino C $\beta$ Functionalization Reactions <b>2018</b> , 93-127		5
162	Transition-metal-catalyzed cyclization reactions using vinyl and ethynyl benzoxazinones as dipole precursors. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 1521-1530	2	76
161	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5990-5994	3.6	11

160	Visible Light Photocatalytic Radical Addition/Cyclization Reaction of o-Vinyl-N-Alkoxybenzamides for Synthesis of CF <sub>3</sub> -Containing Iminoisobenzofurans. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2087-2092	5.6	14
159	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5888-5892	16.4	43
158	Visible light-driven photocatalytic generation of sulfonamidyl radicals for alkene hydroamination of unsaturated sulfonamides. <i>Chemical Communications</i> , <b>2018</b> , 54, 6780-6783	5.8	43
157	Donor-Acceptor photovoltaic polymers based on 1,4-dithienyl-2,5-dialkoxybenzene with intramolecular noncovalent interactions. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 689-698	2.5	5
156	Visible-Light Photocatalytic Decarboxylative Alkyl Radical Addition Cascade for Synthesis of Benzazepine Derivatives. <i>Organic Letters</i> , <b>2018</b> , 20, 224-227	6.2	65
155	A Visible-Light-Driven Iminyl Radical-Mediated C-C Single Bond Cleavage/Radical Addition Cascade of Oxime Esters. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 746-751	3.6	38
154	Dual Photoredox/Nickel-Catalyzed Regioselective Cross-Coupling of 2-Arylaziridines and Potassium Benzyltrifluoroborates: Synthesis of $\alpha$ -Substituted Amines. <i>Organic Letters</i> , <b>2018</b> , 20, 421-424	6.2	31
153	Enantioselective Di-/Perfluoroalkylation of $\alpha$ -Ketoesters Enabled by Cooperative Photoredox/Nickel Catalysis. <i>Organic Letters</i> , <b>2018</b> , 20, 461-464	6.2	46
152	A powerful approach to alkoxy radical-mediated remote C(sp <sup>3</sup> )-H bonds functionalization. <i>Science China Chemistry</i> , <b>2018</b> , 61, 505-506	7.9	4
151	Stereospecific Decarboxylative Benzoylation of Enolates: Development and Mechanistic Insight. <i>Organic Letters</i> , <b>2018</b> , 20, 1730-1734	6.2	11
150	Photocatalytic Neophyl Rearrangement and Reduction of Distal Carbon Radicals by Iminyl Radical-Mediated C-C Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3601-3606	5.6	43
149	Mutual Composition Transformations Among 2D/3D Organolead Halide Perovskites and Mechanisms Behind. <i>Solar Rrl</i> , <b>2018</b> , 2, 1800125	7.1	13
148	A photocatalytic iminyl radical-mediated C-C bond cleavage/addition/cyclization cascade for the synthesis of 1,2,3,4-tetrahydrophenanthrenes. <i>Chemical Communications</i> , <b>2018</b> , 54, 9925-9928	5.8	65
147	Eosin Y as a Redox Catalyst and Photosensitizer for Sequential Benzylic C-H Amination and Oxidation. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 16895-16901	4.8	35
146	Advances on Asymmetric Allylic Substitutions under Synergetic Catalysis System with Transition Metals and Organocatalysts. <i>Acta Chimica Sinica</i> , <b>2018</b> , 76, 838	3.3	18
145	A Visible-Light-Driven Iminyl Radical-Mediated C-C Single Bond Cleavage/Radical Addition Cascade of Oxime Esters. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 738-743	16.4	216
144	A Highly Enantioselective Copper/Phosphoramidite-Thioether-Catalyzed Diastereodivergent 1,3-Dipolar Cycloaddition of Azomethine Ylides and Nitroalkenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1714-1719	4.8	22
143	Silver(I)- and Base-Mediated [3 + 3]-Cycloaddition of C,N-Cyclic Azomethine Imines with Aza-oxyallyl Cations. <i>Organic Letters</i> , <b>2018</b> , 20, 52-55	6.2	61

- 142 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 63
- 141 Copper-Catalyzed Radical Cross-Coupling of Redox-Active Oxime Esters, Styrenes, and Boronic Acids. *Angewandte Chemie - International Edition*, **2018**, 57, 15505-15509 16.4 142
- 140 UV-Cross-linkable Donor-Acceptor Polymers Bearing a Photostable Conjugated Backbone for Efficient and Stable Organic Photovoltaics. *ACS Applied Materials & Interfaces*, **2018**, 10, 35430-35440 8.5 14
- 139 Copper-Catalyzed Radical Cross-Coupling of Redox-Active Oxime Esters, Styrenes, and Boronic Acids. *Angewandte Chemie*, **2018**, 130, 15731-15735 3.6 21
- 138 Synthesis of Phenolic Glycosides: Glycosylation of Sugar Lactols with Aryl Bromides via Dual Photoredox/Ni Catalysis. *Journal of Organic Chemistry*, **2018**, 83, 13325-13334 4.2 25
- 137 Catalyst-Controlled Regioselective Acylation of  $\alpha$ -Ketoesters with  $\alpha$ -Diazo Ketones Induced by Visible Light. *Organic Letters*, **2018**, 20, 7278-7282 6.2 20
- 136 Synergistic CO<sub>2</sub> Mediation and Photocatalysis for  $\alpha$ -Alkylation of Primary Aliphatic Amines. *Chem*, **2018**, 4, 2274-2277 16.2 6
- 135 Dual photoredox and nickel-catalyzed desymmetric C-C coupling reactions: visible light-mediated enantioselective synthesis of 1,4-benzodioxanes. *Organic Chemistry Frontiers*, **2018**, 5, 3098-3102 5.2 22
- 134 Synthesis of 3,3-Substituted Indoles through a Copper-Catalyzed Friedel-Crafts Propargylation/Hydroamination/Aromatization Sequence. *Organic Letters*, **2018**, 20, 3237-3240 6.2 34
- 133 Palladium-Catalyzed Ring-Forming Alkene Aminoarylation of Unsaturated Hydrazones and Sulfonamides. *Organic Letters*, **2018**, 20, 3314-3318 6.2 13
- 132 Pd/Phosphoramidite Thioether Complex-Catalyzed Asymmetric N-Allylic Alkylation of Hydrazones with Allylic Acetates. *Organic Letters*, **2018**, 20, 3473-3476 6.2 14
- 131 Photoredox-promoted alkyl radical addition/semipinacol rearrangement sequences of alkenylcyclobutanols: rapid access to cyclic ketones. *Chemical Communications*, **2018**, 54, 8096-8099 5.8 51
- 130 Non-Bonding Interactions Enable the Selective Formation of Branched Products in Palladium-Catalyzed Allylic Substitution Reactions. *Chemistry - an Asian Journal*, **2018**, 13, 2174-2183 4.5 25
- 129 Controllable Remote C-H Bond Functionalization by Visible-Light Photocatalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 1960-1962 16.4 191
- 128 Steuerbare C-H-Funktionalisierung durch Photokatalyse mit sichtbarem Licht. *Angewandte Chemie*, **2017**, 129, 1988-1990 3.6 53
- 127 Photocascade Catalysis: A New Strategy for Cascade Reactions. *ChemPhotoChem*, **2017**, 1, 148-158 3.3 106
- 126 Visible-Light-Driven Aza-ortho-quinone Methide Generation for the Synthesis of Indoles in a Multicomponent Reaction. *Angewandte Chemie - International Edition*, **2017**, 56, 9527-9531 16.4 99
- 125 Photocatalytic Hydrazonyl Radical-Mediated Radical Cyclization/Allylation Cascade: Synthesis of Dihydropyrazoles and Tetrahydropyridazines. *Organic Letters*, **2017**, 19, 3620-3623 6.2 67



124	Visible-Light-Driven Aza-ortho-quinone Methide Generation for the Synthesis of Indoles in a Multicomponent Reaction. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9655-9659	3.6	27
123	Beyond sulfide-centric catalysis: recent advances in the catalytic cyclization reactions of sulfur ylides. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 4135-4149	58.5	156
122	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> , <b>2017</b> , 4, 1289-1293	5.2	21
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120	Synthesis of Polysubstituted Pyrroles through a Formal [4 + 1] Cycloaddition/E1cb Elimination/Aromatization Sequence of Sulfur Ylides and $\beta$ -Unsaturated Imines. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 12134-12140	4.2	28
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116	Synthesis of Spiro[pyrazolin-3,3-oxindoles] and 3-Arylcarbonylmethyl Substituted Ylideneoxindoles by 1,3-Dipolar Cycloadditions of 3-Ylideneoxindoles and In-Situ-Generated $\beta$ -Diazoketones. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 10433-10443	4.2	7
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114	Hydrogen Bond Direction Enables Palladium-Catalyzed Branch- and Enantioselective Allylic Aminations and Beyond. <i>Organic Letters</i> , <b>2017</b> , 19, 4094-4097	6.2	34
113	Divergent Synthesis of Polycyclic Indolines: Copper-Catalyzed Cascade Reactions of Propargylic Carbamates and Indoles. <i>Organic Letters</i> , <b>2017</b> , 19, 4098-4101	6.2	56
112	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> , <b>2017</b> , 53, 13055-13058	5.8	9
111	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> , <b>2017</b> , 2017, 233-236	3.2	52
110	Recent Advances in Cycloaddition Reactions of Azlactones for Heterocycle Synthesis. <i>Current Catalysis</i> , <b>2017</b> , 6,	0.4	3
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108	Exploration of Visible-Light Photocatalysis in Heterocycle Synthesis and Functionalization: Reaction Design and Beyond. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 1911-23	24.3	430
107	Highly enantioselective Pd-catalyzed indole allylic alkylation using binaphthyl-based phosphoramidite-thioether ligands. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 1246-1249	5.2	22

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98	Visible light photoredox-controlled reactions of N-radicals and radical ions. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 2044-56	58.5	766
97	Heterocycle Synthesis Based on Visible-Light-Induced Photocatalytic C-H Functionalization <b>2016</b> , 403-448		1
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95	Iron-Catalyzed Decarboxylative (4+1) Cycloadditions: Exploiting the Reactivity of Ambident Iron-Stabilized Intermediates. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 2890-2894	3.6	18
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79	Visible-Light-Induced Decarboxylative Functionalization of Carboxylic Acids and Their Derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15632-41	16.4	530
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62	Aerobic oxidative C-B bond cleavage of arylboronic acids mediated by methylhydrazines. <i>Organic Chemistry Frontiers</i> , <b>2014</b> , 1, 151	5.2	19
61	Rational design of sulfoxide-phosphine ligands for Pd-catalyzed enantioselective allylic alkylation reactions. <i>Chemical Communications</i> , <b>2014</b> , 50, 2873-5	5.8	30
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28	Photoredoxkatalyse mit sichtbarem Licht. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 6934-6944	3.6	498
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11	Highly regioselective thiocarbonylation of conjugated dienes via palladium-catalyzed three-component coupling reactions. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 4138-44	4.2	55
10	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> , <b>1999</b> , 64, 9646-9652	4.2	81
9	Hydroformylation Reactions with Rhodium-Complexed Dendrimers on Silica. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 3035-3038	16.4	193
8	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> , <b>1999</b> , 64, 2080-2084	4.2	48
7	Highly Regioselective Thiocarbonylation of Allylic Alcohols with Thiols and Carbon Monoxide Catalyzed by Palladium Complexes: A New and Efficient Route to $\beta$ -Unsaturated Thioesters. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 7939-7944	4.2	63
6	Highly Regioselective Palladium-Catalyzed Thiocarbonylation of Allenes with Thiols and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 2609-2612	4.2	80
5	The First Examples of the Palladium-Catalyzed Thiocarbonylation of Propargylic Alcohols with Thiols and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 3422-3423	4.2	81
4	Addition to Carbonyl Compounds 101-144		2
3	A Dipolar Cyclization/Fragmentation Strategy for the Catalytic Asymmetric Synthesis of Chiral 8-Membered Lactams. <i>CCS Chemistry</i> , 1-18	7.2	2
2	Visible Light-Promoted Amide Bond Formation via One-Pot Nitrone in Situ Formation/Rearrangement Cascade. <i>CCS Chemistry</i> , 2764-2771	7.2	19
1	Photoredox Catalysis Unlocks the Nickel-Catalyzed Cyanation of Aryl Halides under Benign Conditions. <i>CCS Chemistry</i> , 1-22	7.2	1