

Wen-Jing Xiao

List of Publications by Year in descending order

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242
papers

24,684
citations

6254

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8393

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all docs

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10223
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#	ARTICLE	IF	CITATIONS
1	Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6828-6838.	13.8	1,973
2	Visible light photoredox-controlled reactions of N-radicals and radical ions. <i>Chemical Society Reviews</i> , 2016, 45, 2044-2056.	38.1	952
3	Visible-Light-Induced Organic Photochemical Reactions through Energy-Transfer Pathways. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1586-1604.	13.8	739
4	Visible-Light-Induced Decarboxylative Functionalization of Carboxylic Acids and Their Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15632-15641.	13.8	655
5	Visible Light-Driven Radical-Mediated C-C Bond Cleavage/Functionalization in Organic Synthesis. <i>Chemical Reviews</i> , 2021, 121, 506-561.	47.7	638
6	Exploration of Visible-Light Photocatalysis in Heterocycle Synthesis and Functionalization: Reaction Design and Beyond. <i>Accounts of Chemical Research</i> , 2016, 49, 1911-1923.	15.6	533
7	Development of Cascade Reactions for the Concise Construction of Diverse Heterocyclic Architectures. <i>Accounts of Chemical Research</i> , 2012, 45, 1278-1293.	15.6	502
8	Highly Efficient Aerobic Oxidative Hydroxylation of Arylboronic Acids: Photoredox Catalysis Using Visible Light. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 784-788.	13.8	442
9	Visible light-driven organic photochemical synthesis in China. <i>Science China Chemistry</i> , 2019, 62, 24-57.	8.2	374
10	Formal [4+1] Annulation Reactions in the Synthesis of Carbocyclic and Heterocyclic Systems. <i>Chemical Reviews</i> , 2015, 115, 5301-5365.	47.7	350
11	When Light Meets Nitrogen-Centered Radicals: From Reagents to Catalysts. <i>Accounts of Chemical Research</i> , 2020, 53, 1066-1083.	15.6	332
12	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, 10128-10131.	13.7	303
13	Decarboxylative Alkynylation and Carbonylative Alkynylation of Carboxylic Acids Enabled by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11196-11199.	13.8	280
14	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.	13.8	279
15	Visible-Light-Induced Formal [3+2] Cycloaddition for Pyrrole Synthesis under Metal-Free Conditions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5653-5656.	13.8	271
16	Photocatalytic Generation of N-Centered Hydrazone Radicals: A Strategy for Hydroamination of α,β -Unsaturated Hydrazones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12163-12167.	13.8	270
17	Redox-Neutral α -Allylation of Amines by Combining Palladium Catalysis and Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1625-1628.	13.8	241
18	Hantzsch esters: an emerging versatile class of reagents in photoredox catalyzed organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6936-6951.	2.8	236

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19	Beyond sulfide-centric catalysis: recent advances in the catalytic cyclization reactions of sulfur ylides. <i>Chemical Society Reviews</i> , 2017, 46, 4135-4149.	38.1	229
20	Controllable Remote C-H Bond Functionalization by Visible-Light Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1960-1962.	13.8	226
21	Catalytic Asymmetric [4 + 1] Annulation of Sulfur Ylides with Copper-Alkenylidene Intermediates. <i>Journal of the American Chemical Society</i> , 2016, 138, 8360-8363.	13.7	225
22	Hydroformylation Reactions with Rhodium-Complexed Dendrimers on Silica. <i>Journal of the American Chemical Society</i> , 1999, 121, 3035-3038.	13.7	215
23	Sequential Visible-Light Photoactivation and Palladium Catalysis Enabling Enantioselective [4+2] Cycloadditions. <i>Journal of the American Chemical Society</i> , 2017, 139, 14707-14713.	13.7	213
24	Bifunctional Photocatalysts for Enantioselective Aerobic Oxidation of β -Ketoesters. <i>Journal of the American Chemical Society</i> , 2017, 139, 63-66.	13.7	207
25	Catalytic N-radical cascade reaction of hydrazones by oxidative deprotonation electron transfer and TEMPO mediation. <i>Nature Communications</i> , 2016, 7, 11188.	12.8	196
26	Copper-Catalyzed Radical Cross-Coupling of Redox-Active Oxime Esters, Styrenes, and Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15505-15509.	13.8	193
27	Photocatalytic Radical Trifluoromethylation/Cyclization Cascade: Synthesis of CF ₃ -Containing Pyrazolines and Isoxazolines. <i>Organic Letters</i> , 2015, 17, 4464-4467.	4.6	184
28	Tandem Radical Cyclization of N-Arylacrylamides: An Emerging Platform for the Construction of 3,3-Disubstituted Oxindoles. <i>Synthesis</i> , 2015, 47, 604-629.	2.3	182
29	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.	13.7	182
30	Asymmetric Propargylic Radical Cyanation Enabled by Dual Organophotoredox and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 6167-6172.	13.7	174
31	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.	2.4	173
32	Room Temperature C-H Bond Formation Enabled by Merging Nickel Catalysis and Visible-Light-Induced Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 4962-4965.	3.3	170
33	Highly Enantioselective Friedel-Crafts Alkylation/ <i>N</i> -Hemiacetalization Cascade Reaction with Indoles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3250-3254.	13.8	163
34	Metal-Free, Room-Temperature, Radical Alkoxyacylation of Aryldiazonium Salts through Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2265-2269.	13.8	163
35	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, 2200-2204.	13.8	158
36	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, 6946-6948.	13.7	152

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37	Asymmetric trapping of zwitterionic intermediates by sulphur ylides in a palladium-catalysed decarboxylation-cycloaddition sequence. <i>Nature Communications</i> , 2014, 5, 5500.	12.8	152
38	Visible light-mediated C P bond formation reactions. <i>Science Bulletin</i> , 2019, 64, 337-350.	9.0	152
39	Deaminative (Carbonylative) Alkyl Heck-type Reactions Enabled by Photocatalytic C-N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2402-2406.	13.8	148
40	Visible light-promoted ring-opening functionalization of three-membered carbo- and heterocycles. <i>Chemical Society Reviews</i> , 2020, 49, 2546-2556.	38.1	145
41	Visible light induced intermolecular [2+2]-cycloaddition reactions of β -ylideneoxindoles through energy transfer pathway. <i>Tetrahedron</i> , 2012, 68, 6914-6919.	1.9	142
42	An organocatalytic Michael-aldol cascade: formal [3+2] annulation to construct enantioenriched spirocyclic oxindole derivatives. <i>Chemical Communications</i> , 2012, 48, 5160.	4.1	139
43	Mit sichtbarem Licht induzierte, organische photochemische Reaktionen über Energietransferrouten. <i>Angewandte Chemie</i> , 2019, 131, 1600-1619.	2.0	137
44	Synthesis of Indoles through Highly Efficient Cascade Reactions of Sulfur Ylides and <i>ortho</i> -Chloromethylaryl Amides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9137-9140.	13.8	135
45	Visible-light-induced photocatalytic oxytrifluoromethylation of N-allylamides for the synthesis of CF ₃ -containing oxazolines and benzoxazines. <i>Chemical Communications</i> , 2015, 51, 3537-3540.	4.1	134
46	Lewis Acid Assisted Ring-Closing Metathesis of Chiral Diallylamines: An Efficient Approach to Enantiopure Pyrrolidine Derivatives. <i>Organic Letters</i> , 2005, 7, 871-874.	4.6	133
47	Photocascade Catalysis: A New Strategy for Cascade Reactions. <i>ChemPhotoChem</i> , 2017, 1, 148-158.	3.0	127
48	Visible-Light-Driven Aza- <i>ortho</i> -quinone Methide Generation for the Synthesis of Indoles in a Multicomponent Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9527-9531.	13.8	125
49	New Roles for Photoexcited Eosin-Y in Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 378-380.	13.8	125
50	[3 + 2] Cycloaddition/Oxidative Aromatization Sequence via Photoredox Catalysis: One-Pot Synthesis of Oxazoles from 2-H-Azirines and Aldehydes. <i>Organic Letters</i> , 2015, 17, 4070-4073.	4.6	120
51	Photoinduced Copper-Catalyzed Asymmetric C=O Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2021, 143, 13382-13392.	13.7	118
52	Organophotocatalytic Generation of N- and O-centred Radicals Enables Aerobic Oxyamination and Dioxygenation of Alkenes. <i>Chemistry - A European Journal</i> , 2016, 22, 14141-14146.	3.3	117
53	Photoinduced Copper-Catalyzed Radical Aminocarbonylation of Cycloketone Oxime Esters. <i>ACS Catalysis</i> , 2019, 9, 8159-8164.	11.2	117
54	Transition-metal-catalyzed cyclization reactions using vinyl and ethynyl benzoxazinones as dipole precursors. <i>Tetrahedron Letters</i> , 2018, 59, 1521-1530.	1.4	116

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55	Light opens a new window for N-heterocyclic carbene catalysis. <i>Chemical Science</i> , 2020, 11, 10605-10613.	7.4	114
56	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.	3.6	111
57	Visible-Light-Driven Organic Photochemical Reactions in the Absence of External Photocatalysts. <i>Synthesis</i> , 2019, 51, 3021-3054.	2.3	110
58	[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.	4.1	106
59	Regioselective Carbonylative Heteroannulation of 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.	3.2	102
60	Iron-Catalyzed Decarboxylative (4+1) Cycloadditions: Exploiting the Reactivity of Ambident Iron-Stabilized Intermediates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2840-2844.	13.8	102
61	Exploration of a Chiral Cobalt Catalyst for Visible-Light-Induced Enantioselective Radical Conjugate Addition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13375-13379.	13.8	101
62	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.	13.7	101
63	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.	3.2	98
64	Highly Regioselective Palladium-Catalyzed Thiocarbonylation of Allenes with Thiols and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , 1998, 63, 2609-2612.	3.2	98
65	Tuning Electronic and Steric Effects: Highly Enantioselective [4+1] Pyrroline Annulation of Sulfur Ylides with β -Unsaturated Imines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4495-4498.	13.8	95
66	Recent advances in transition-metal-catalysed asymmetric coupling reactions with light intervention. <i>Chemical Society Reviews</i> , 2021, 50, 12808-12827.	38.1	94
67	Photocatalytic aerobic oxidation/semipinacol rearrangement sequence: a concise route to the core of pseudoindoxyl alkaloids. <i>Tetrahedron Letters</i> , 2014, 55, 4648-4652.	1.4	93
68	Photocatalytic Hydrazone Radical-Mediated Radical Cyclization/Allylation Cascade: Synthesis of Dihydropyrazoles and Tetrahydropyridazines. <i>Organic Letters</i> , 2017, 19, 3620-3623.	4.6	93
69	Practical heterogeneous photoredox/nickel dual catalysis for C-N and C-O coupling reactions. <i>Chemical Communications</i> , 2019, 55, 4853-4856.	4.1	93
70	Construction of Optically Active Indolines by Formal [4+1] Annulation of Sulfur Ylides and <i>ortho</i> -Chloromethyl)aryl Amides. <i>Chemistry - A European Journal</i> , 2013, 19, 8401-8404.	3.3	92
71	Synthesis of CF ₃ -Containing 3,3'-Cyclopropyl Spirooxindoles by Sequential [3 + 2] Cycloaddition/Ring Contraction of Ylideneoxindoles with 2,2,2-Trifluorodiazoethane. <i>Journal of Organic Chemistry</i> , 2014, 79, 2296-2302.	3.2	92
72	Visible-Light Photocatalytic Decarboxylative Alkyl Radical Addition Cascade for Synthesis of Benzazepine Derivatives. <i>Organic Letters</i> , 2018, 20, 224-227.	4.6	92

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73	A Copper-Catalyzed Decarboxylative Amination/Hydroamination Sequence: Switchable Synthesis of Functionalized Indoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12422-12426.	13.8	91
74	Synergetic iridium and amine catalysis enables asymmetric [4+2] cycloadditions of vinyl aminoalcohols with carbonyls. <i>Nature Communications</i> , 2019, 10, 2716.	12.8	91
75	A visible-light photocatalytic N-radical cascade of hydrazones for the synthesis of dihydropyrazole-fused benzosultams. <i>Chemical Communications</i> , 2016, 52, 12749-12752.	4.1	87
76	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.	13.8	87
77	Silver(I)- and Base-Mediated [3 + 3]-Cycloaddition of <i>C</i> - and <i>N</i> -Cyclic Azomethine Imines with Aza-oxyallyl Cations. <i>Organic Letters</i> , 2018, 20, 52-55.	4.6	85
78	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, 9542-9545.	13.8	83
79	Palladium-Catalyzed Asymmetric [8+2] Dipolar Cycloadditions of Vinyl Carbamates and Photogenerated Ketenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14096-14100.	13.8	82
80	Asymmetric three-component olefin dicarbofunctionalization enabled by photoredox and copper dual catalysis. <i>Nature Communications</i> , 2021, 12, 1815.	12.8	82
81	Enantioconvergent Copper Catalysis: <i>In Situ</i> Generation of the Chiral Phosphorus Ylide and Its Wittig Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 12847-12854.	13.7	81
82	Copper-Catalyzed Enantioselective Inverse Electron-Demand Hetero-Diels-Alder Reactions of Diazadienes with Enol Ethers: Efficient Synthesis of Chiral Pyridazines. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3539-3544.	4.3	80
83	A photoredox catalyzed iminyl radical-triggered C-C bond cleavage/addition/Kornblum oxidation cascade of oxime esters and styrenes: synthesis of ketonitriles. <i>Chemical Communications</i> , 2018, 54, 12262-12265.	4.1	79
84	Photoinduced, Copper-Catalyzed Radical Cross-Coupling of Cycloketone Oxime Esters, Alkenes, and Terminal Alkynes. <i>Organic Letters</i> , 2019, 21, 4359-4364.	4.6	78
85	Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11013-11017.	13.8	77
86	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, 7237-7243.	3.2	76
87	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> , 2018, 54, 9925-9928.	4.1	76
88	Highly Regioselective Thiocarbonylation of Allylic Alcohols with Thiols and Carbon Monoxide Catalyzed by Palladium Complexes: A New and Efficient Route to α,β -Unsaturated Thioesters. <i>Journal of Organic Chemistry</i> , 1998, 63, 7939-7944.	3.2	75
89	<i>De Novo</i> Synthesis of α,β -Disubstituted Butyrolactones through a Visible Light Photocatalytic Arylation-Lactonization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2787-2793.	4.3	74
90	Catalytic Asymmetric Cycloaddition of <i>In Situ</i> -Generated <i>ortho</i> -Quinone Methides and Azlactones by a Triple Brønsted Acid Activation Strategy. <i>Chemistry - A European Journal</i> , 2016, 22, 6774-6778.	3.3	74

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91	First Examples of Enantioselective Palladium-Catalyzed Thiocarbonylation of Prochiral 1,3-Conjugated Dienes with Thiols and Carbon Monoxide: Efficient Synthesis of Optically Active $\hat{1}^2, \hat{1}^3$ -Unsaturated Thiol Esters. <i>Journal of Organic Chemistry</i> , 2001, 66, 6229-6233.	3.2	73
92	Asymmetric Cyclopropanation of $\hat{1}^2, \hat{1}^3$ -Unsaturated $\hat{1}^\pm$ -Ketoesters with Stabilized Sulfur Ylides Catalyzed by $\langle i \rangle C \langle /i \rangle \langle sub \rangle 2 \langle /sub \rangle$ -Symmetric Ureas. <i>Journal of Organic Chemistry</i> , 2011, 76, 281-284.	3.2	73
93	Asymmetric Friedel-Crafts Alkylations of Indoles with Ethyl Glyoxylate Catalyzed by $\langle i \rangle S \langle /i \rangle$ -BINOL-Titanium(IV) Complex: Direct Access to Enantiomerically Enriched $3\hat{1}$ -Indolyl(hydroxy)acetates. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1597-1603.	4.3	72
94	Highly Enantioselective Organocatalytic Michael Addition/Cyclization Cascade Reaction of Ylideneoxindoles with Isothiocyanato Oxindoles: A Formal [3+2] Cycloaddition Approach to Optically Active Bispirooxindole Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2071-2075.	2.4	72
95	Enantioselective Di-/Perfluoroalkylation of $\hat{1}^2$ -Ketoesters Enabled by Cooperative Photoredox/Nickel Catalysis. <i>Organic Letters</i> , 2018, 20, 461-464.	4.6	72
96	Homogeneous Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11701-11703.	13.8	71
97	Palladium-Catalyzed Ring-Opening Thiocarbonylation of Vinylcyclopropanes with Thiols and Carbon Monoxide. <i>Journal of Organic Chemistry</i> , 2009, 74, 888-890.	3.2	70
98	Catalytic Decarboxylative Radical Sulfonylation. <i>CheM</i> , 2020, 6, 1149-1159.	11.7	70
99	Organocatalytic Multiple Cascade Reactions: A New Strategy for the Construction of Enantioenriched Tetrahydrocarbazoles. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 617-623.	4.3	69
100	Highly Stereoselective [3+2] Cycloadditions of Chiral Palladium-Containing $\langle i \rangle N \langle /i \rangle \langle sup \rangle 1 \langle /sup \rangle$ - $1,3\hat{1}$ -Dipoles: A Divergent Approach to Enantioenriched Spirooxindoles. <i>Chemistry - A European Journal</i> , 2016, 22, 6243-6247.	3.3	69
101	Highly Regioselective Thiocarbonylation of Conjugated Dienes via Palladium-Catalyzed Three-Component Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2000, 65, 4138-4144.	3.2	68
102	Divergent Synthesis of Polycyclic Indolines: Copper-Catalyzed Cascade Reactions of Propargylic Carbamates and Indoles. <i>Organic Letters</i> , 2017, 19, 4098-4101.	4.6	68
103	Visible-Light-Induced Formal [3+2] Cycloaddition for Pyrrole Synthesis under Metal-Free Conditions. <i>Angewandte Chemie</i> , 2014, 126, 5759-5762.	2.0	65
104	[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> , 2019, 21, 4234-4238.	4.6	64
105	Metallaphotoredox catalysis for multicomponent coupling reactions. <i>Green Chemistry</i> , 2021, 23, 5379-5393.	9.0	64
106	Catalytic Asymmetric Synthesis of Chiral Dihydrobenzofurans through a Formal [4+1] Annulation Reaction of Sulfur Ylides and In Situ Generated $\langle i \rangle ortho \langle /i \rangle$ -Quinone Methides. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 233-236.	2.4	63
107	Synthesis of 2-Substituted Indoles through Visible Light-Induced Photocatalytic Cyclizations of Styryl Azides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2807-2812.	4.3	62
108	Enantioselective Direct Functionalization of Indoles by Pd/Sulfoxide-Phosphine-Catalyzed $\langle i \rangle N \langle /i \rangle$ -Allylic Alkylation. <i>Organic Letters</i> , 2015, 17, 1381-1384.	4.6	62

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109	Visible light-driven photocatalytic generation of sulfonamidyl radicals for alkene hydroamination of unsaturated sulfonamides. <i>Chemical Communications</i> , 2018, 54, 6780-6783.	4.1	62
110	Photoredox-promoted alkyl radical addition/semipinacol rearrangement sequences of alkenylcyclobutanols: rapid access to cyclic ketones. <i>Chemical Communications</i> , 2018, 54, 8096-8099.	4.1	62
111	Utilizing Vinylcyclopropane Reactivity: Palladium-Catalyzed Asymmetric [5+2] Dipolar Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17429-17434.	13.8	62
112	Umpolung of Imines Enables Catalytic Asymmetric Regio-Reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5888-5892.	13.8	61
113	Alkenylation of unactivated alkyl bromides through visible light photocatalysis. <i>Chemical Communications</i> , 2019, 55, 107-110.	4.1	61
114	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, 2037-2040.	2.8	60
115	Photocatalytic Decarboxylative Hydroxylation of Carboxylic Acids Driven by Visible Light and Using Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2016, 81, 7250-7255.	3.2	60
116	Steuerbare C-H-Funktionalisierung durch Photokatalyse mit sichtbarem Licht. <i>Angewandte Chemie</i> , 2017, 129, 1988-1990.	2.0	60
117	Enantioselective Radical Ring-Opening Cyanation of Oxime Esters by Dual Photoredox and Copper Catalysis. <i>Organic Letters</i> , 2019, 21, 9763-9768.	4.6	59
118	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.	3.2	57
119	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, 2432-2435.	3.3	56
120	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.	3.3	55
121	Hydrogen Bond Direction Enables Palladium-Catalyzed Branch- and Enantioselective Allylic Aminations and Beyond. <i>Organic Letters</i> , 2017, 19, 4094-4097.	4.6	53
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