

Qiang Liu

List of Publications by Year in descending order

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161
papers

11,710
citations

28274

55
h-index

30087

103
g-index

192
all docs

192
docs citations

192
times ranked

10788
citing authors

#	ARTICLE	IF	CITATIONS
1	Using carbon dioxide as a building block in organic synthesis. <i>Nature Communications</i> , 2015, 6, 5933.	12.8	1,581
2	Benzoxazole-Linked Ultrastable Covalent Organic Frameworks for Photocatalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 4623-4631.	13.7	555
3	Oxidative Carbonylation Reactions: Organometallic Compounds ($R^i\text{I}_2M$) or Hydrocarbons ($R^i\text{I}_2H$) as Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10788-10799.	13.8	439
4	Carbonylations of Alkenes with CO Surrogates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6310-6320.	13.8	376
5	Visible-Light-Mediated Decarboxylation/Oxidative Amidation of α -Keto Acids with Amines under Mild Reaction Conditions Using O_2 . <i>Angewandte Chemie - International Edition</i> , 2014, 53, 502-506.	13.8	375
6	Hydride Transfer Reactions Catalyzed by Cobalt Complexes. <i>Chemical Reviews</i> , 2019, 119, 2876-2953.	47.7	320
7	Ligand-Controlled Cobalt-Catalyzed Transfer Hydrogenation of Alkynes: Stereodivergent Synthesis of Z - and E -Alkenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 8588-8594.	13.7	269
8	Manganese-Catalyzed Upgrading of Ethanol into 1-Butanol. <i>Journal of the American Chemical Society</i> , 2017, 139, 11941-11948.	13.7	269
9	Recent advances in visible-light-driven organic reactions. <i>National Science Review</i> , 2017, 4, 359-380.	9.5	258
10	Reactivity and Mechanistic Insight into Visible-Light-Induced Aerobic Cross-Dehydrogenative Coupling Reaction by Organophotocatalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 620-627.	3.3	254
11	A Cascade Cross-Coupling Hydrogen Evolution Reaction by Visible Light Catalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 19052-19055.	13.7	250
12	Ruthenium-catalysed alkoxy carbonylation of alkenes with carbon dioxide. <i>Nature Communications</i> , 2014, 5, 3091.	12.8	185
13	Revealing a Second Transmetalation Step in the Negishi Coupling and Its Competition with Reductive Elimination: Improvement in the Interpretation of the Mechanism of Biaryl Syntheses. <i>Journal of the American Chemical Society</i> , 2009, 131, 10201-10210.	13.7	179
14	Ordered Porous Nitrogen-Doped Carbon Matrix with Atomically Dispersed Cobalt Sites as an Efficient Catalyst for Dehydrogenation and Transfer Hydrogenation of N -Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11262-11266.	13.8	165
15	Chitosan confinement enhances hydrogen photogeneration from a mimic of the diiron subsite of [FeFe]-hydrogenase. <i>Nature Communications</i> , 2013, 4, 2695.	12.8	159
16	Palladium-Catalyzed Carbonylative Transformation of $C(sp^3)$ -X Bonds. <i>ACS Catalysis</i> , 2014, 4, 2977-2989.	11.2	154
17	Room-Temperature Copper-Catalyzed Oxidation of Electron-Deficient Arenes and Heteroarenes Using Air. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4666-4670.	13.8	151
18	Visible-Light-Driven, Copper-Catalyzed Decarboxylative $C(sp^3)$ -H Alkylation of Glycine and Peptides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15841-15846.	13.8	148

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19	Mild and Selective Cobalt-Catalyzed Chemodivergent Transfer Hydrogenation of Nitriles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14653-14657.	13.8	145
20	Review of Current Strategies for Delivering Alzheimer's Disease Drugs across the Blood-Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2019, 20, 381.	4.1	145
21	A Highly Efficient and Selective Aerobic Cross-Dehydrogenative-Coupling Reaction Photocatalyzed by a Platinum(II) Terpyridyl Complex. <i>Chemistry - A European Journal</i> , 2013, 19, 6443-6450.	3.3	144
22	Radical-Scavenging Activity and Mechanism of Resveratrol-Oriented Analogues: Influence of the Solvent, Radical, and Substitution. <i>Journal of Organic Chemistry</i> , 2009, 74, 5025-5031.	3.2	128
23	Superior Effect of a π -Acceptor Ligand (Phosphine- π -Electron-Deficient Olefin Ligand) in the Negishi Coupling Involving Alkylzinc Reagents. <i>Organic Letters</i> , 2007, 9, 4571-4574.	4.6	122
24	Visible-Light-Driven Difluoroacetamidation of Unactive Arenes and Heteroarenes by Direct C-H Functionalization at Room Temperature. <i>Organic Letters</i> , 2014, 16, 5842-5845.	4.6	121
25	Visible-light-mediated aerobic selenation of (hetero)arenes with diselenides. <i>Green Chemistry</i> , 2017, 19, 5559-5563.	9.0	120
26	Regioselective thiocyanation of aromatic and heteroaromatic compounds using ammonium thiocyanate and oxone. <i>Tetrahedron Letters</i> , 2005, 46, 5831-5834.	1.4	112
27	Visible-Light Photocatalytic Radical Alkenylation of α -Carbonyl Alkyl Bromides and Benzyl Bromides. <i>Chemistry - A European Journal</i> , 2013, 19, 5120-5126.	3.3	109
28	Unmasking the Ligand Effect in Manganese-Catalyzed Hydrogenation: Mechanistic Insight and Catalytic Application. <i>Journal of the American Chemical Society</i> , 2019, 141, 17337-17349.	13.7	102
29	Dual-Functional Chiral Cu-Catalyst-Induced Photoredox Asymmetric Cyanofluoroalkylation of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 4470-4476.	11.2	102
30	Cu-Catalyzed Redox-Neutral Ring Cleavage of Cycloketone α -Acyl Oximes: Chemodivergent Access to Distal Oxygenated Nitriles. <i>Organic Letters</i> , 2018, 20, 409-412.	4.6	100
31	Cobalt-Catalyzed Regioselective Olefin Isomerization Under Kinetic Control. <i>Journal of the American Chemical Society</i> , 2018, 140, 6873-6882.	13.7	99
32	Oxidative Catalytic Coupling Reactions: Selective Formation of C-C and C-X Bonds Using Radical Processes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13871-13873.	13.8	97
33	A Novel Intermolecular Synthesis of β -Lactones via Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2013, 15, 6054-6057.	4.6	95
34	Green synthesis of tannin-hexamethylenediamine based adsorbents for efficient removal of Cr(VI). <i>Journal of Hazardous Materials</i> , 2018, 352, 27-35.	12.4	94
35	Manganese-Catalyzed Asymmetric Hydrogenation of Quinolines Enabled by π - π Interaction**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5108-5113.	13.8	93
36	Palladium-Catalyzed Aerobic Oxidative Carbonylation of Arylboronate Esters under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3371-3374.	13.8	88

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37	Ligand-Controlled Palladium-Catalyzed Alkoxy carbonylation of Allenes: Regioselective Synthesis of $\hat{1}$, $\hat{2}$ - and $\hat{1}$, $\hat{3}$ -Unsaturated Esters. <i>Journal of the American Chemical Society</i> , 2015, 137, 8556-8563.	13.7	84
38	Domino Catalysis: Palladium-Catalyzed Carbonylation of Allylic Alcohols to $\hat{1}$, $\hat{3}$ -Unsaturated Esters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8064-8068.	13.8	80
39	Development of a Ruthenium/Phosphite Catalyst System for Domino Hydroformylation-Reduction of Olefins with Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2014, 20, 6888-6894.	3.3	79
40	Reversible interconversion between methanol-diamine and diamide for hydrogen storage based on manganese catalyzed (de)hydrogenation. <i>Nature Communications</i> , 2020, 11, 591.	12.8	75
41	Copper-catalyzed enantioselective hydroboration of cyclopropenes: facile synthesis of optically active cyclopropylboronates. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1116-1122.	4.5	74
42	A general and efficient Mn-catalyzed acceptorless dehydrogenative coupling of alcohols with hydroxides into carboxylates. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1248-1256.	4.5	72
43	Regioselective Pd-Catalyzed Methoxycarbonylation of Alkenes Using both Paraformaldehyde and Methanol as CO Surrogates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4493-4497.	13.8	71
44	Direct C-H difluoromethylenephosphonation of arenes and heteroarenes with bromodifluoromethyl phosphonate via visible-light photocatalysis. <i>Chemical Communications</i> , 2014, 50, 15916-15919.	4.1	70
45	Metal-Free Desulfonylation Reaction Through Visible-Light Photoredox Catalysis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7528-7532.	2.4	67
46	Towards a Sustainable Synthesis of Formate Salts: Combined Catalytic Methanol Dehydrogenation and Bicarbonate Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7085-7088.	13.8	67
47	(E)- $\hat{1}$, $\hat{2}$ -unsaturated amides from tertiary amines, olefins and CO via Pd/Cu-catalyzed aerobic oxidative N-dealkylation. <i>Chemical Communications</i> , 2015, 51, 3247-3250.	4.1	67
48	Visible-Light-Driven Synthesis of 4-Alkyl/Aryl-2-Aminothiazoles Promoted by In Situ Generated Copper Photocatalyst. <i>ACS Catalysis</i> , 2017, 7, 7941-7945.	11.2	67
49	Manganese-Catalyzed Dual-Deoxygenative Coupling of Primary Alcohols with α -Arylethanol. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15143-15147.	13.8	66
50	Base-Metal-Catalyzed Olefin Isomerization Reactions. <i>Synthesis</i> , 2019, 51, 1293-1310.	2.3	64
51	Graphene-Supported RuO ₂ Nanoparticles for Efficient Aerobic Cross-Dehydrogenative Coupling Reaction in Water. <i>Organic Letters</i> , 2012, 14, 5992-5995.	4.6	62
52	Synthesis of 2-substituted pyrimidines and benzoxazoles via a visible-light-driven organocatalytic aerobic oxidation: enhancement of the reaction rate and selectivity by a base. <i>Green Chemistry</i> , 2014, 16, 3752.	9.0	62
53	Visible-light-promoted aerobic metal-free aminothiocyation of activated ketones. <i>Green Chemistry</i> , 2018, 20, 5464-5468.	9.0	61
54	Pd-Catalyzed Direct and Selective C-H Functionalization: C ₃ -Acetoxylation of Indoles. <i>Chemistry - A European Journal</i> , 2011, 17, 2353-2357.	3.3	57

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55	Mechanistic insight into cobalt-catalyzed stereodivergent semihydrogenation of alkynes: The story of selectivity control. <i>Journal of Catalysis</i> , 2018, 362, 25-34.	6.2	55
56	Preparation of Heterocycles via Visible-Light-Driven Aerobic Selenation of Olefins with Diselenides. <i>Organic Letters</i> , 2019, 21, 885-889.	4.6	55
57	Aerobic Oxidative Coupling of Resveratrol and its Analogues by Visible Light Using Mesoporous Graphitic Carbon Nitride ($m\text{pg-C}_3\text{N}_4$) as a Bioinspired Catalyst. <i>Chemistry - A European Journal</i> , 2014, 20, 678-682.	3.3	53
58	A Practical and Stereoselective In Situ NHC-Cobalt Catalytic System for Hydrogenation of Ketones and Aldehydes. <i>CheM</i> , 2019, 5, 1552-1566.	11.7	51
59	DDQ-Catalyzed Oxidative C-H Coupling Of sp^3 C-H Bonds With Carboxylic Acids. <i>ChemSusChem</i> , 2012, 5, 2143-2146.	6.8	49
60	Phosphine- and Hydrogen-Free: Highly Regioselective Ruthenium-Catalyzed Hydroaminomethylation of Olefins. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7320-7323.	13.8	48
61	Visible-Light-Driven Intermolecular [2+2] Cycloadditions between Coumarin-3-Carboxylates and Acrylamide Analogs. <i>Chemistry - A European Journal</i> , 2015, 21, 10326-10329.	3.3	48
62	A trans diacyloxylation of indoles. <i>Chemical Communications</i> , 2012, 48, 3239.	4.1	46
63	Preparation of δ -difluoromethylphosphonated Phenanthridines by Visible-Light-Driven Radical Cyclization of α -isocyanobiphenyls. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6817-6821.	2.4	44
64	Manganese-Catalyzed Selective Upgrading of Ethanol with Methanol into Isobutanol. <i>ChemSusChem</i> , 2019, 12, 3069-3072.	6.8	43
65	Combining visible light catalysis and transfer hydrogenation for in situ efficient and selective semihydrogenation of alkynes under ambient conditions. <i>Chemical Communications</i> , 2016, 52, 1800-1803.	4.1	42
66	Preparation of β -Acyloxy Ketones via Visible-Light-Driven Aerobic Oxo-Acyloxylation of Olefins with Carboxylic Acids. <i>Organic Letters</i> , 2016, 18, 5256-5259.	4.6	40
67	Manganese-Catalyzed Asymmetric Hydrogenation of β -Indoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
68	Hydrogenation of olefins using Hantzsch ester catalyzed by palladium on carbon. <i>Tetrahedron Letters</i> , 2009, 50, 1026-1028.	1.4	36
69	Photo-Induced Radical Cyclization of Aromatic Halides with Sodium Borohydride. <i>Synlett</i> , 2005, 2005, 2248-2250.	1.8	35
70	Facile and Efficient Synthesis of Benzoxazoles and Benzimidazoles: The Application of Hantzsch Ester 1,4-Dihydropyridines in Reductive Cyclization Reactions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6627-6632.	2.4	34
71	Notched-Polyoxometalate Strategy to Fabricate Atomically Dispersed Ru Catalysts for Biomass Conversion. <i>ACS Catalysis</i> , 2021, 11, 2669-2675.	11.2	34
72	Twofold Interpenetrated 2D MOF Nanosheets Generated by an Instant In Situ Exfoliation Method: Morphology Control and Fluorescent Sensing. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000813.	3.7	33

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73	Mechanism and Improved Dissolution of Glycyrrhetic Acid Solid Dispersion by Alkalizers. <i>Pharmaceutics</i> , 2020, 12, 82.	4.5	33
74	Highly Efficient Iridium-Based Photosensitizers for Thia-PaternÅ²â€“BÃ¼chi Reaction and Aza-Photocyclization. <i>ACS Catalysis</i> , 2021, 11, 446-455.	11.2	33
75	Facile Photoreduction of Graphene Oxide by an NAD(P)H Model: Hantzsch 1,4-Dihydropyridine. <i>Langmuir</i> , 2012, 28, 8224-8229.	3.5	32
76	Developments in the construction of cyclopropanols. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 191-204.	2.8	32
77	Photochemical Preparation of Pyrimidin-2(1H)-ones by Rhenium(I) Complexes with Visible Light. <i>Journal of Organic Chemistry</i> , 2011, 76, 1444-1447.	3.2	31
78	Photochemical Desulfonylation of N-Tosyl Amides by 2-Phenyl-N,Nâ€“2-Dimethylbenzimidazoline (PDMBI). <i>Synlett</i> , 2005, 2005, 2510-2512.	1.8	30
79	Eosin Y- and Copper-Catalyzed Dark Reaction To Construct Ene-Î³-Lactams. <i>Organic Letters</i> , 2018, 20, 7220-7224.	4.6	29
80	Thiocyanate radical mediated dehydration of aldoximes with visible light and air. <i>Chemical Communications</i> , 2019, 55, 9701-9704.	4.1	28
81	Transformation of Î³-valerolactone into 1,4-pentanediol and 2-methyltetrahydrofuran over Zn-promoted Cu/Al₂O₃ catalysts. <i>Catalysis Science and Technology</i> , 2020, 10, 4412-4423.	4.1	28
82	Metallaphotoredox Dearomatization of Indoles by a Benzamide-Empowered [4 + 2] Annulation: Facile Access to Indolo[2,3-c]isoquinolin-5-ones. <i>ACS Catalysis</i> , 2021, 11, 5054-5060.	11.2	28
83	Rutheniumâ€“Catalyzed Alkoxy carbonylation of Alkenes with Paraformaldehyde as a Carbon Monoxide Substitute. <i>ChemCatChem</i> , 2014, 6, 2805-2809.	3.7	27
84	NH₄-Promoted and H₂O-Controlled Intermolecular Bis-sulfonylation and Hydroxysulfonylation of Alkenes via a Radical Process. <i>Journal of Organic Chemistry</i> , 2019, 84, 8750-8758.	3.2	27
85	Migratory Hydrogenation of Terminal Alkynes by Base/Cobalt Relay Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6750-6755.	13.8	27
86	An Electronâ€“Deficient Diene as Ligand for Palladiumâ€“Catalyzed Crossâ€“Coupling Reactions: An Efficient Alkylation of Aryl Iodides by Primary and Secondary Alkylzinc Reagents. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1349-1354.	4.3	26
87	A Convenient Synthesis and the Asymmetric Hydrogenation of <i>N</i>-Phthaloyl Dehydroamino Acid Esters. <i>Organic Letters</i> , 2008, 10, 3033-3036.	4.6	26
88	Photooxidation of Hantzsch 1,4-dihydropyridines by molecular oxygen. <i>Science Bulletin</i> , 2010, 55, 2855-2858.	1.7	26
89	Metalâ€“Freeâ€“Mediated Oxidation Aromatization of 1,4â€“Dihydropyridines to Pyridines Using Visible Light and Air. <i>Chinese Journal of Chemistry</i> , 2014, 32, 1245-1250.	4.9	26
90	Ruthenium-catalyzed alkoxy carbonylation of alkenes using carbon monoxide. <i>Organic Chemistry Frontiers</i> , 2015, 2, 771-774.	4.5	26

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91	Visible-light-enabled aerobic synthesis of benzoin bis-ethers from alkynes and alcohols. <i>Green Chemistry</i> , 2018, 20, 5479-5483.	9.0	26
92	Confining perovskite quantum dots in the pores of a covalent-organic framework: quantum confinement- and passivation-enhanced light-harvesting and photocatalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24365-24373.	10.3	26
93	Cobalt-Catalyzed Desymmetric Isomerization of Exocyclic Olefins. <i>Journal of the American Chemical Society</i> , 2021, 143, 20633-20639.	13.7	26
94	Rh-catalyzed highly enantioselective formation of functionalized cyclopentanes and cyclopentanones. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3531.	2.8	25
95	External oxidant-free oxidation/[3+2] cycloaddition/aromatization cascade: electrochemical synthesis of polycyclic N-heterocycles. <i>Chemical Communications</i> , 2019, 55, 8398-8401.	4.1	24
96	Highly regioselective osmium-catalyzed hydroformylation. <i>Chemical Communications</i> , 2015, 51, 3080-3082.	4.1	23
97	Visible-light photoredox intramolecular difluoroacetamidation: facile synthesis of 3,3-difluoro-2-oxindoles from bromodifluoroacetamides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2195-2199.	2.8	23
98	General and Phosphine-Free Cobalt-Catalyzed Hydrogenation of Esters to Alcohols. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1125-1130.	4.9	23
99	Docetaxel-loaded D- α -tocopheryl polyethylene glycol-1000 succinate liposomes improve lung cancer chemotherapy and reverse multidrug resistance. <i>Drug Delivery and Translational Research</i> , 2021, 11, 131-141.	5.8	23
100	Manganese-Catalyzed Asymmetric Hydrogenation of Quinolines Enabled by π - π Interaction**. <i>Angewandte Chemie</i> , 2021, 133, 5168-5173.	2.0	23
101	Self-assembled CoTiO ₃ nanorods with controllable oxygen vacancies for the efficient photochemical reduction of CO ₂ to CO. <i>Catalysis Science and Technology</i> , 2020, 10, 2040-2046.	4.1	22
102	Reduction of N-(alkoxy(aryl)methyl)benzamide Compounds by a Hantzsch Ester 1,4-Dihydropyridine Using Pd/C as a Catalyst. <i>Catalysis Letters</i> , 2008, 126, 361-366.	2.6	20
103	Using Aqueous Ammonia in Hydroaminomethylation Reactions: Ruthenium-Catalyzed Synthesis of Tertiary Amines. <i>ChemSusChem</i> , 2014, 7, 3260-3263.	6.8	20
104	Autoxidation/Aldol Tandem Reaction of 2-Oxindoles with Ketones: A Green Approach for the Synthesis of 3-Hydroxy-2-Oxindoles. <i>Chemistry - A European Journal</i> , 2016, 22, 2595-2598.	3.3	20
105	Photochemical reductive desulfonation of β -ketosulfones by ascorbic acid. <i>Tetrahedron Letters</i> , 2006, 47, 1805-1807.	1.4	19
106	Quantitative and qualitative determination of LiuweiDihuang preparations by ultra high performance liquid chromatography in dual-wavelength fingerprinting mode and random forest. <i>Journal of Separation Science</i> , 2015, 38, 3720-3726.	2.5	19
107	<i>N</i> -Methylation of <i>N</i> -Methylaniline with Carbon Dioxide and Molecular Hydrogen over a Heterogeneous Non-Noble Metal Cu/TiO ₂ Catalyst. <i>ChemCatChem</i> , 2019, 11, 3919-3926.	3.7	19
108	Highly stereoselective syn-ring opening of enantiopure epoxides with nitric oxide. <i>Tetrahedron Letters</i> , 2007, 48, 1653-1656.	1.4	18

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109	Homocoupling of 3-Haloindole via Visible-Light Photocatalysis: A Mild Access to 3,3'-Bioxindoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 7172-7181.	3.2	18
110	Meyer-Schuster-Type Rearrangement of Propargylic Alcohols into α -Selenoenals and -enones with Diselenides. <i>Journal of Organic Chemistry</i> , 2021, 86, 5274-5283.	3.2	18
111	Antioxidant neolignan and phenolic glucosides from the fruit of <i>Euterpe oleracea</i> . <i>Fitoterapia</i> , 2014, 99, 178-183.	2.2	17
112	Domino Radical Addition/Oxidation Sequence with Photocatalysis: One-Pot Synthesis of Polysubstituted Furans from α -Chloroalkyl Ketones and Styrenes. <i>Chemistry - A European Journal</i> , 2016, 22, 13794-13798.	3.3	17
113	Synthesis of chroman-4-one and indanone derivatives via silver catalyzed radical ring opening/coupling/cyclization cascade. <i>Tetrahedron</i> , 2019, 75, 130490.	1.9	17
114	Hydrodeoxygenation of ethyl stearate over Re-promoted Ru/TiO ₂ catalysts: rate enhancement and selectivity control by the addition of Re. <i>Catalysis Science and Technology</i> , 2020, 10, 222-230.	4.1	17
115	Bidentate NHC-Cobalt Catalysts for the Hydrogenation of Hindered Alkenes. <i>Organometallics</i> , 2020, 39, 3082-3087.	2.3	17
116	Metal-Free Direct α -Carbonyl Alkylation of Heteroarenes with Cyclopropanols Mediated by K ₂ S ₂ O ₈ . <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2600-2604.	2.4	17
117	Seed- and solvent-free synthesis of ZSM-5 with tuneable Si/Al ratios for biomass hydrogenation. <i>Green Chemistry</i> , 2020, 22, 1630-1638.	9.0	17
118	Synthesis of 4-Oxoisoxazoline <i>N</i> -Oxides via Pd-Catalyzed Cyclization of Propargylic Alcohols with <i>tert</i> -Butyl Nitrite. <i>Organic Letters</i> , 2019, 21, 3131-3135.	4.6	16
119	Using Methanol as a Formaldehyde Surrogate for Sustainable Synthesis of <i>N</i> -Heterocycles via Manganese-Catalyzed Dehydrogenative Cyclization. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1137-1143.	4.9	16
120	Tailoring 3,3'-dihydroxyisorenieratene to Hydroxystilbene: Finding a Resveratrol Analogue with Increased Antiproliferation Activity and Cell Selectivity. <i>Chemistry - A European Journal</i> , 2014, 20, 8904-8908.	3.3	15
121	A tunable single-polarization photonic crystal fiber filter based on surface plasmon resonance. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	14
122	Access to 4-substituted isothiazoles through three-component cascade annulation and their application in α -H activation. <i>Chemical Communications</i> , 2020, 56, 5763-5766.	4.1	14
123	Synthesis of Symmetrical <i>N,N</i> - α -Alkylidene Bisamides Using Zinc Chloride as a Lewis Acid Catalyst. <i>Advanced Materials Research</i> , 0, 441, 421-425.	0.3	13
124	Ruthenium(ii)/acetate catalyzed intermolecular dehydrogenative ortho α -H silylation of 2-aryl <i>N</i> -containing heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4115-4120.	2.8	13
125	Manganese-Catalyzed Dehydrogenative/Deoxygenative Coupling of Alcohols. <i>Synlett</i> , 2020, 31, 1464-1473.	1.8	13
126	Controllable synthesis of 2- and 3-aryl-benzomorpholines from 2-aminophenols and 4-vinylphenols. <i>Chemical Communications</i> , 2020, 56, 7941-7944.	4.1	12

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127	Metal-free synthesis of phosphinoylchroman-4-ones via a radical phosphinoylation-cyclization cascade mediated by $K_2S_2O_8$. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1974-1982.	2.2	11
128	Synthesis of Benzobicycloheptanones via the Trap of Photogenerated Ketene Methide Intermediate with Olefins. <i>Journal of Organic Chemistry</i> , 2014, 79, 8143-8155.	3.2	10
129	Electrochemical one-pot synthesis of five-membered azaheterocycles via [4 + 1] cyclization. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3912-3917.	4.5	10
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