

# Yu-Xiu Liu

## List of Publications by Year in descending order

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180  
papers

4,784  
citations

94433

37  
h-index

168389

53  
g-index

182  
all docs

182  
docs citations

182  
times ranked

3790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Synthesis of <i>N</i> -2-Aryl-1,2,3-Triazole Fluorophores via Post-Triazole Arylation. <i>Organic Letters</i> , 2008, 10, 5389-5392.	4.6	171
2	Synthesis and Antiviral and Fungicidal Activity Evaluation of $\hat{1}^2$ -Carboline, Dihydro- $\hat{1}^2$ -carboline, Tetrahydro- $\hat{1}^2$ -carboline Alkaloids, and Their Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1010-1018.	5.2	119
3	Visible-light-mediated Minisci C-H alkylation of heteroarenes with unactivated alkyl halides using $O_2$ as an oxidant. <i>Chemical Science</i> , 2019, 10, 976-982.	7.4	109
4	Formyl-selective deuteration of aldehydes with $D_2O$ via synergistic organic and photoredox catalysis. <i>Chemical Science</i> , 2020, 11, 1026-1031.	7.4	104
5	Visible-Light-Induced Deoxygenation/Defluorination Protocol for Synthesis of $\hat{1}^3, \hat{1}^3$ -Difluoroallylic Ketones. <i>Organic Letters</i> , 2020, 22, 709-713.	4.6	96
6	Photoredox-Mediated Direct Cross-Dehydrogenative Coupling of Heteroarenes and Amines. <i>Organic Letters</i> , 2018, 20, 5661-5665.	4.6	79
7	Design, Synthesis, and Antiviral, Fungicidal, and Insecticidal Activities of Tetrahydro- $\hat{1}^2$ -carboline-3-carbohydrazide Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9987-9999.	5.2	76
8	Design, Synthesis, and Insecticidal Activity of Novel Pyrazole Derivatives Containing $\hat{1}^\pm$ -Hydroxymethyl- <i>N</i> -benzyl Carboxamide, $\hat{1}^\pm$ -Chloromethyl- <i>N</i> -benzyl Carboxamide, and 4,5-Dihydrooxazole Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1470-1479.	5.2	74
9	Electrochemical decarboxylative C3 alkylation of quinoxalin-2(1 <i>H</i> )-ones with <i>N</i> -hydroxyphthalimide esters. <i>Chemical Communications</i> , 2020, 56, 11673-11676.	4.1	73
10	Design, Synthesis, and Biological Activities of Aromatic Gossypol Schiff Base Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11080-11088.	5.2	69
11	Design, Synthesis, and Insecticidal Evaluation of New Benzoylureas Containing Isoxazoline and Isoxazole Group. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4851-4859.	5.2	65
12	Ketones and aldehydes as alkyl radical equivalents for C-H functionalization of heteroarenes. <i>Science Advances</i> , 2019, 5, eaax9955.	10.3	63
13	Design, Synthesis, and Biological Activities of Arylmethylamine Substituted Chlorotriazine and Methylthiotriazine Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11711-11717.	5.2	61
14	Dirigent Proteins from Cotton ( <i>Gossypium</i> sp.) for the Atropselective Synthesis of Gossypol. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14660-14663.	13.8	60
15	Visible-Light-Induced Copper-Catalyzed Decarboxylative Coupling of Redox-Active Esters with <i>N</i> -Heteroarenes. <i>Organic Letters</i> , 2019, 21, 5728-5732.	4.6	60
16	Various Bioactivity and Relationship of Structure-Activity of Matrine Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2039-2047.	5.2	59
17	Discovery of Pimprinine Alkaloids as Novel Agents against a Plant Virus. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1795-1806.	5.2	59
18	Design, Synthesis, and Herbicidal Activities of Novel 2-Cyanoacrylates Containing Isoxazole Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2685-2689.	5.2	57

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19	Photoredox/Hydrogen Atom Transfer Cocatalyzed C-H Difluoroallylation of Amides, Ethers, and Alkyl Aldehydes. <i>Organic Letters</i> , 2021, 23, 2353-2358.	4.6	57
20	Marine-Natural-Product Development: First Discovery of Nortopsentin Alkaloids as Novel Antiviral, Anti-phytopathogenic-Fungus, and Insecticidal Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4062-4072.	5.2	56
21	Design, Synthesis, and Biological Activities of Spirooxindoles Containing Acylhydrazone Fragment Derivatives Based on the Biosynthesis of Alkaloids Derived from Tryptophan. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6508-6516.	5.2	52
22	Synthesis and antiviral, insecticidal, and fungicidal activities of gossypol derivatives containing alkyimine, oxime or hydrazine moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 474-483.	3.0	52
23	Electro-oxidative C-H alkylation of quinoxalin-2(1 <i>H</i> )-ones with organoboron compounds. <i>Green Chemistry</i> , 2021, 23, 302-306.	9.0	52
24	Direct $\hat{\text{I}}\text{-}$ Monofluoroalkenylation of Heteroatomic Alkanes via a Combination of Photoredox Catalysis and Hydrogen-Atom-Transfer Catalysis. <i>Organic Letters</i> , 2019, 21, 4585-4589.	4.6	51
25	Design, Synthesis, Antiviral Activity, and SARs of 14-Aminophenanthroindolizidines. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5825-5831.	5.2	47
26	Design, synthesis, anti-TMV, fungicidal, and insecticidal activity evaluation of 1,2,3,4-tetrahydro- $\hat{\text{I}}^2$ -carboline-3-carboxylic acid derivatives based on virus inhibitors of plant sources. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5228-5233.	2.2	46
27	Synthesis and SAR studies of phenanthroindolizidine and phenanthroquinolizidine alkaloids as potent anti-tumor agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 51, 250-258.	5.5	45
28	Synthesis of <i>gem</i> -difluorinated Spiro $\hat{\text{I}}^3$ -lactam Oxindoles by Visible-light-Induced Consecutive Difluoromethylative Dearomatization, Hydroxylation, and Oxidation. <i>Chemistry - A European Journal</i> , 2018, 24, 11283-11287.	3.3	44
29	Discovery of Tryptanthrins as Novel Antiviral and Anti-Phytopathogenic-Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5586-5595.	5.2	44
30	Visible-light-mediated photoredox minisci C-H alkylation with alkyl boronic acids using molecular oxygen as an oxidant. <i>Chemical Communications</i> , 2020, 56, 12652-12655.	4.1	43
31	Direct C-H Allylation of <i>N</i> -Acyl/Sulfonyl Tetrahydroisoquinolines and Analogues. <i>Organic Letters</i> , 2015, 17, 5714-5717.	4.6	42
32	Design, Synthesis, Acaricidal/Insecticidal Activity, and Structure-Activity Relationship Studies of Novel Oxazolines Containing Sulfone/Sulfoxide Groups Based on the Sulfonylurea Receptor Protein-Binding Site. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3034-3040.	5.2	42
33	Discovery of Topsentin Alkaloids and Their Derivatives as Novel Antiviral and Anti-phytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9143-9151.	5.2	42
34	Luotonin A and Its Derivatives as Novel Antiviral and Antiphytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8764-8773.	5.2	41
35	Synthesis of Unnatural $\hat{\text{I}}\text{-}$ Amino Acids via Photoinduced Decatungstate-Catalyzed Giese Reactions of Aldehydes. <i>Organic Letters</i> , 2021, 23, 2199-2204.	4.6	41
36	Unnatural $\hat{\text{I}}\text{-}$ Amino Acid Synthesized through $\hat{\text{I}}\text{-}$ Alkylation of Glycine Derivatives by Diacyl Peroxides. <i>Organic Letters</i> , 2020, 22, 5005-5008.	4.6	40

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37	Electro-oxidative C-H azolation of quinoxalin-2(1 <i>H</i> )-ones. <i>Green Chemistry</i> , 2021, 23, 3246-3249.	9.0	40
38	Mild and highly efficient metal-free oxidative $\alpha$ -cyanation of N-acyl/sulfonyl tetrahydroisoquinolines. <i>RSC Advances</i> , 2014, 4, 60075-60078.	3.6	38
39	Visible-Light-Mediated C-I Difluoroallylation with an $\alpha$ -Aminoalkyl Radical as a Mediator. <i>Organic Letters</i> , 2021, 23, 7306-7310.	4.6	38
40	Combined Photoredox and Carbene Catalysis for the Synthesis of $\alpha$ -Amino Ketones from Carboxylic Acids. <i>ACS Catalysis</i> , 2022, 12, 2522-2531.	11.2	38
41	Design, Synthesis, and Acaricidal/Insecticidal Activities of Oxazoline Derivatives Containing a Sulfur Ether Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9690-9695.	5.2	37
42	Optimization, Structure-Activity Relationship, and Mode of Action of Nortopsentin Analogues Containing Thiazole and Oxazole Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10018-10031.	5.2	37
43	Visible-light-initiated manganese-catalyzed Giese addition of unactivated alkyl iodides to electron-poor olefins. <i>Chemical Communications</i> , 2019, 55, 11707-11710.	4.1	37
44	Direct and Oxidant-Free Electron-Deficient Arylation of <i>N</i> -Acyl-Protected Tetrahydroisoquinolines. <i>Organic Letters</i> , 2016, 18, 4686-4689.	4.6	36
45	Synthesis, Crystal Structure, and Biological Activities of 2-Cyanoacrylates Containing Furan or Tetrahydrofuran Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3011-3017.	5.2	35
46	Synthesis, Herbicidal Activities, and 3D-QSAR of 2-Cyanoacrylates Containing Aromatic Methylamine Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 204-212.	5.2	35
47	A Novel Sodium Nitrite-Catalyzed Oxidative Coupling for Constructing Polymethoxyphenanthrene Rings. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 383-387.	4.3	35
48	Visible-Light-Mediated Dearomatization/Cyanation Cascade Reaction of Indoles: Access to Highly Functionalized Spiro- $\beta$ -Lactam Indolines with Two Contiguous Sterically Congested Quaternary Carbon Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2879-2884.	4.3	35
49	Dehydrogenation of <i>N</i> -Heterocycles by Superoxide Ion Generated through Single-Electron Transfer. <i>Chemistry - A European Journal</i> , 2018, 24, 2065-2069.	3.3	34
50	<i>N</i> -Arylamines Coupled with Aldehydes, Ketones, and Imines by Means of Photocatalytic Proton-Coupled Electron Transfer. <i>Chemistry - A European Journal</i> , 2018, 24, 9269-9273.	3.3	34
51	Trifluoromethylation and Monofluoroalkenylation of Alkenes through Radical-Radical Cross-Coupling. <i>Chemistry - A European Journal</i> , 2019, 25, 8686-8690.	3.3	34
52	Therapeutic effects of a novel tylophorine analog, NK007, on collagen-induced arthritis through suppressing tumor necrosis factor $\alpha$ production and Th17 cell differentiation. <i>Arthritis and Rheumatism</i> , 2012, 64, 2896-2906.	6.7	33
53	Design, Synthesis, and Antiviral Activity Evaluation of Phenanthrene-Based Antofine Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8544-8551.	5.2	33
54	First Discovery and Structure-Activity Relationship Study of Phenanthroquinolizidines as Novel Antiviral Agents against Tobacco Mosaic Virus (TMV). <i>PLoS ONE</i> , 2012, 7, e52933.	2.5	33

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55	Design, Synthesis, Acaricidal Activity, and Mechanism of Oxazoline Derivatives Containing an Oxime Ether Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3064-3072.	5.2	33
56	Copper-Catalyzed Trifluoromethylation of Acrylamides Coupled with Indole Dearomatization: Access to Trifluoromethyl-Substituted Spiro[indole-3,3'-pyrrolidine] Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 561-566.	4.3	32
57	Copper-Catalyzed Trifluoromethylation and Bicyclizations of 1,7-Enynes Leading to Fused Polycycles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3435-3442.	4.3	32
58	Copper-Catalyzed Aerobic Oxidative [2 + 3] Cyclization/Aromatization Cascade Reaction: Atom-Economical Access to Tetrasubstituted 4,5-Biscarbonyl Imidazoles. <i>Organic Letters</i> , 2017, 19, 6056-6059.	4.6	32
59	Design, Synthesis, Characterization, and Biological Activities of Novel Spirooxindole Analogues Containing Hydantoin, Thiohydantoin, Urea, and Thiourea Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10618-10625.	5.2	32
60	Visible-light-mediated minisci C-H alkylation of heteroarenes with 4-alkyl-1,4-dihydropyridines using $O_2$ as an oxidant. <i>Green Chemistry</i> , 2020, 22, 5599-5604.	9.0	32
61	Light-Mediated Difluoromethylthiolation of Aldehydes with a Hydrogen Atom Transfer Photocatalyst. <i>Organic Letters</i> , 2020, 22, 8272-8277.	4.6	31
62	Visible-light-mediated multicomponent reaction for secondary amine synthesis. <i>Chemical Communications</i> , 2021, 57, 5028-5031.	4.1	31
63	The discovery of 3-(1-aminoethylidene)quinoline-2, 4(1H,3H)-dione derivatives as novel PSII electron transport inhibitors. <i>Molecular Diversity</i> , 2013, 17, 701-710.	3.9	29
64	D and E Rings May Not Be Indispensable for Antofine: Discovery of Phenanthrene and Alkylamine Chain Containing Antofine Derivatives as Novel Antiviral Agents against Tobacco Mosaic Virus (TMV) Based on Interaction of Antofine and TMV RNA. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10393-10404.	5.2	29
65	Pd-Catalyzed cycloisomerization/nucleophilic addition/reduction: an efficient method for the synthesis of spiro-pseudoindoxyls containing N,N <sup>2</sup> -ketal. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1731-1735.	4.5	29
66	Visible-Light-Mediated Alkenylation of Alkyl Boronic Acids without an External Lewis Base as an Activator. <i>Organic Letters</i> , 2021, 23, 2477-2481.	4.6	29
67	Marine Natural Products for Drug Discovery: First Discovery of Kealiinines C and Their Derivatives as Novel Antiviral and Antiphytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7310-7318.	5.2	28
68	Visible-light-induced dearomative oxamination of indole derivatives and dearomative amidation of phenol derivatives. <i>Chemical Communications</i> , 2020, 56, 8436-8439.	4.1	28
69	New Strategy for the Synthesis of Phosphonyl Pyrazoles. <i>Synthetic Communications</i> , 1999, 29, 4025-4033.	2.1	27
70	Synthesis and herbicidal activity of 2-cyano-3-(2-fluoro-5-pyridyl)methylaminoacrylates. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 345-348.	1.7	27
71	6-OH-Phenanthroquinolizidine Alkaloid and Its Derivatives Exert Potent Anticancer Activity by Delaying S Phase Progression. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2764-2779.	6.4	27
72	Design, Synthesis, and Biological Activity of $\hat{I}^2$ -Carboline Analogues Containing Hydantoin, Thiohydantoin, and Urea Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8253-8261.	5.2	27

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73	Metal-, Photocatalyst-, and Light-Free Minisci C-H Alkylation of <i>N</i> -Heteroarenes with Oxalates. <i>Journal of Organic Chemistry</i> , 2019, 84, 7532-7540.	3.2	27
74	Synthesis and Acaricidal- and Insecticidal-Activity Evaluation of Novel Oxazolines Containing Sulfiliminy Moieties and Their Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4224-4231.	5.2	27
75	Synthesis and Antiviral/Fungicidal/Insecticidal Activities Study of Novel Chiral Indole Diketopiperazine Derivatives Containing Acylhydrazone Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5555-5571.	5.2	27
76	Recent Advances in Visible-Light-Mediated Minisci Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3771.	1.3	27
77	NIS-mediated oxidative arene C(sp <sup>2</sup> )-H amidation toward 3,4-dihydro-2(1 <i>H</i> )-quinolinone, phenanthridone, and <i>N</i> -fused spiro lactam derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6762-6770.	2.8	26
78	Assessing the anthelmintic activity of pyrazole-5-carboxamide derivatives against <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2017, 10, 272.	2.5	25
79	Design, synthesis, and biological evaluation of 2-benzylpyrroles and 2-benzoylpyrroles based on structures of insecticidal chlorfenapyr and natural pyrrolomycins. <i>Molecular Diversity</i> , 2014, 18, 593-598.	3.9	24
80	Synthesis of Functionalized Spirocyclic Indolines by Visible Light-Induced One-Pot Sequential Difluoromethylative Dearomatization, Hydroxylation, and Substitution Reactions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4739-4747.	4.3	24
81	Photoredox relay-catalyzed <i>gem</i> -difluoroallylation of alkyl iodides. <i>Chemical Communications</i> , 2021, 57, 9768-9771.	4.1	24
82	Copper-Catalyzed Aryltrifluoromethylation of <i>N</i> -Phenylcinnamamides: Access to Trifluoromethylated 3,4-dihydroquinolin-2(1 <i>H</i> )-ones. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2464-2468.	3.3	23
83	Electrochemical trifluoromethylation/cyclization for the synthesis of isoquinoline-1,3-diones and oxindoles. <i>Chemical Communications</i> , 2021, 57, 8284-8287.	4.1	23
84	PREPARATION AND CYCLIZATION OF PHOSPHONYL CHLOROVINYLLALDEHYDE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000, 158, 179-186.	1.6	22
85	Regioselective Oxidative Dehydrogenation under Nonenzymatic Conditions: A Synthetic Route to Gossypol. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 8014-8021.	2.4	22
86	Formation of Amidinyl Radicals via Visible-Light-Promoted Reduction of <i>N</i> -Phenyl Amidoxime Esters and Application to the Synthesis of 2-Substituted Benzimidazoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 8646-8660.	3.2	22
87	Photoredox-Catalyzed Redox-Neutral Minisci C-H Formylation of <i>N</i> -Heteroarenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2155-2159.	4.3	22
88	Visible-Light-Induced Three-Component Intermolecular Trifluoromethyl-Alkenylation Reactions of Unactivated Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1651-1655.	4.3	22
89	Light-Mediated Defluorosilylation of $\beta$ -Trifluoromethyl Arylalkenes through Hydrogen Atom Transfer. <i>Organic Letters</i> , 2022, 24, 4019-4023.	4.6	22
90	Design, Synthesis, and Insecticidal Evaluation of New Benzoylureas Containing Amide and Sulfonate Groups Based on the Sulfonylurea Receptor Protein Binding Site for Diflubenzuron and Clibenclamide. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 517-522.	5.2	21

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91	Design, Synthesis, and Antitobacco Mosaic Virus Activity of Water-Soluble Chiral Quaternary Ammonium Salts of Phenanthroindolizidines Alkaloids. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 780-788.	5.2	21
92	HCl-catalyzed Aerobic Oxidation of Alkylarenes to Carbonyls. <i>ChemSusChem</i> , 2022, 15, .	6.8	21
93	Antiviral mechanism study of gossypol and its Schiff base derivatives based on reactive oxygen species (ROS). <i>RSC Advances</i> , 2016, 6, 87637-87648.	3.6	20
94	First Discovery of Polycarpine, Polycarpaurines A and C, and Their Derivatives as Novel Antiviral and Antiphytopathogenic Fungus Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4264-4272.	5.2	20
95	C ring may be dispensable for Î <sup>2</sup> -carboline: Design, synthesis, and bioactivities evaluation of tryptophan analog derivatives based on the biosynthesis of Î <sup>2</sup> -carboline alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 462-473.	3.0	20
96	Discovery of Glycosylated Genipin Derivatives as Novel Antiviral, Insecticidal, and Fungicidal Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1341-1348.	5.2	20
97	Radical Transformation of Aliphatic C-H Bonds to Oxime Ethers via Hydrogen Atom Transfer. <i>Organic Letters</i> , 2021, 23, 8353-8358.	4.6	20
98	Merging Photoredox with Brønsted Acid Catalysis: The Cross-Dehydrogenative C-O Coupling for sp <sup>3</sup> C-H Bond Peroxidation. <i>Chemistry - A European Journal</i> , 2017, 23, 10871-10877.	3.3	19
99	Marine-natural-products for biocides development: first discovery of meridianin alkaloids as antiviral and anti-phytopathogenic-fungus agents. <i>Pest Management Science</i> , 2020, 76, 3369-3376.	3.4	19
100	Visible-Light-Mediated Manganese-Catalyzed Allylation Reactions of Unactivated Alkyl Iodides. <i>Journal of Organic Chemistry</i> , 2020, 85, 7459-7467.	3.2	19
101	Efficient synthesis of SCF <sub>3</sub> -substituted tryptanthrins by a radical tandem cyclization. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1994-2001.	2.8	18
102	Palladium Metallaphotoredox-Catalyzed 2-Arylation of Indole Derivatives. <i>Organic Letters</i> , 2022, 24, 4580-4585.	4.6	18
103	Design, synthesis, antiviral activity and mode of action of phenanthrene-containing N-heterocyclic compounds inspired by the phenanthroindolizidine alkaloid antofine. <i>Pest Management Science</i> , 2016, 72, 371-378.	3.4	17
104	C(sp <sup>3</sup> )-H Azidation Reaction: A Protocol for Preparation of Aminals. <i>Journal of Organic Chemistry</i> , 2018, 83, 4516-4524.	3.2	17
105	Highly Efficient Synthesis and Acaricidal and Insecticidal Activities of Novel Oxazolines with N-Heterocyclic Substituents. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3601-3606.	5.2	17
106	Radical alkylation of C(sp <sup>3</sup> )-H bonds with diacyl peroxides under catalyst-free conditions. <i>Chemical Communications</i> , 2019, 55, 14813-14816.	4.1	16
107	Electro-reductive C-H cyanoalkylation of quinoxalin-2(1H)-ones. <i>Chinese Chemical Letters</i> , 2022, 33, 4057-4060.	9.0	16
108	Leveraging botanical resources for crop protection: the isolation, bioactivity and structure-activity relationships of lycoris alkaloids. <i>Pest Management Science</i> , 2018, 74, 2783-2792.	3.4	15

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109	Visible Light-Induced Hydrosilylation of Electron-Deficient Alkenes by Iron Catalysis. <i>ChemSusChem</i> , 2022, 15, .	6.8	15
110	Synthesis of 1,4-Dicarbonyl Compounds by Visible-Light-Mediated Cross-Coupling Reactions of $\alpha$ -Chlorocarbonyls and Enol Acetates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4391-4396.	4.3	14
111	Photoelectrochemical Decarboxylative C-H Alkylation of Quinoxalin-2(1 <i>H</i> )-ones. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16820-16828.	6.7	14
112	Design, synthesis, and insecticidal and fungicidal activities of quaternary ammonium salt derivatives of a triazolyphenyl isoxazoline insecticide. <i>Pest Management Science</i> , 2022, 78, 2011-2021.	3.4	14
113	Binding Model and 3D-QSAR of 3-(2-Chloropyridin-5-ylmethylamino)-2-cyanoacrylates as PSII Electron Transport Inhibitor. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1135-1138.	4.9	13
114	Total synthesis of phenanthroindolizidine alkaloids via asymmetric deprotonation of N-Boc-pyrrolidine. <i>RSC Advances</i> , 2014, 4, 14979-14984.	3.6	13
115	Synthesis of Structurally Diverse 2,3-Fused Indoles via Microwave-Assisted AgSbF <sub>6</sub> -Catalysed Intramolecular Difunctionalization of <i>o</i> -Alkynylanilines. <i>Scientific Reports</i> , 2015, 5, 13516.	3.3	13
116	Expanding indole diversity: direct 1-step synthesis of 1,2-fused indoles and spiroindolines from 2-halo anilines for fast SAR antiviral elucidation against tobacco mosaic virus (TMV). <i>Molecular Diversity</i> , 2017, 21, 61-68.	3.9	13
117	Decatungstate as a direct hydrogen atom transfer photocatalyst for synthesis of trifluoromethylthioesters from aldehydes. <i>Chinese Chemical Letters</i> , 2021, 32, 3027-3030.	9.0	13
118	Metal-, Photocatalyst-, and Light-Free Minisci C-H Acetylation of N-Heteroarenes with Vinyl Ethers. <i>Organic Letters</i> , 2021, 23, 4374-4378.	4.6	13
119	Additive effects on the improvement of insecticidal activity: Design, synthesis, and insecticidal activity of novel pymetrozine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 391-402.	3.0	12
120	Naamines and Naamidines as Novel Agents against a Plant Virus and Phytopathogenic Fungi. <i>Marine Drugs</i> , 2018, 16, 311.	4.6	12
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