

Xiao-Yu Liu

List of Publications by Year in descending order

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65
papers

1,626
citations

394421

19
h-index

315739

38
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66
all docs

66
docs citations

66
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	Diterpenoid alkaloids. <i>Natural Product Reports</i> , 2010, 27, 529.	10.3	273
2	Indole Alkaloid Synthesis Facilitated by Photoredox Catalytic Radical Cascade Reactions. <i>Accounts of Chemical Research</i> , 2019, 52, 1877-1891.	15.6	140
3	A Radical Cascade Enabling Collective Syntheses of Natural Products. <i>CheM</i> , 2017, 2, 803-816.	11.7	129
4	Asymmetric Total Syntheses of <i>Kopsia</i> Indole Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3703-3707.	13.8	91
5	Enabling syntheses of diterpenoid alkaloids and related diterpenes by an oxidative dearomatization/Diels-Alder cycloaddition strategy. <i>Natural Product Reports</i> , 2017, 34, 1044-1050.	10.3	60
6	Synthesis of Atisine, Ajaconine, Denudatine, and Hetidine Diterpenoid Alkaloids by a Bioinspired Approach. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15667-15671.	13.8	55
7	Enantioselective Total Synthesis of (±)-Arcutinine. <i>Journal of the American Chemical Society</i> , 2019, 141, 9712-9718.	13.7	55
8	Total synthesis of atropurpuran. <i>Nature Communications</i> , 2016, 7, 12183.	12.8	52
9	Ongoing Pursuit of Diterpenoid Alkaloids: A Synthetic View. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1010-1019.	2.7	46
10	Oxidative dearomatization/intramolecular Diels-Alder cycloaddition cascade for the syntheses of (±)-atisine and (±)-isoazitine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1411-1417.	2.8	44
11	Formal total synthesis of the akuammiline alkaloid (+)-strictamine. <i>Chemical Communications</i> , 2017, 53, 12665-12667.	4.1	41
12	Concise syntheses of eburnane indole alkaloids. <i>Chemical Communications</i> , 2018, 54, 9510-9512.	4.1	41
13	Asymmetric Total Syntheses of the Akuammiline Alkaloids (±)-strictamine and (±)-rhazinline. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6059-6063.	13.8	41
14	A Desulfurative Strategy for the Generation of Alkyl Radicals Enabled by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6667-6671.	13.8	37
15	Asymmetric Total Syntheses of <i>Kopsia</i> Indole Alkaloids. <i>Angewandte Chemie</i> , 2017, 129, 3757-3761.	2.0	28
16	Asymmetric Total Synthesis of (+)-Strychnine. <i>Organic Letters</i> , 2019, 21, 252-255.	4.6	28
17	Bioinspired Synthesis of (+)-Cinchonidine Using Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12299-12302.	13.8	27
18	Synthesis of Three-Dimensionally Fascinating Diterpenoid Alkaloids and Related Diterpenes. <i>Accounts of Chemical Research</i> , 2021, 54, 22-34.	15.6	24

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19	Formal Total Syntheses of (âˆ”) - and (+)-Actinophyllic Acid. <i>Journal of Organic Chemistry</i> , 2018, 83, 754-764.	3.2	23
20	Recent advances in the total synthesis of monoterpene indole alkaloids enabled by asymmetric catalysis. <i>Green Synthesis and Catalysis</i> , 2022, 3, 25-39.	6.8	23
21	A novel approach to the taxane ABC ring system through chemical conversion from C19-diterpenoid alkaloid deltaline. <i>Tetrahedron</i> , 2008, 64, 7594-7604.	1.9	21
22	Asymmetric Michael Addition Induced by (R)-tert-Butanesulfinamide and Syntheses of Chiral Pyrazolidinone Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 10506-10516.	3.2	18
23	Progress towards the synthesis of aconitine: construction of the AE fragment and attempts to access the pentacyclic core. <i>Organic Chemistry Frontiers</i> , 2019, 6, 377-382.	4.5	17
24	New C20-Diterpenoid Alkaloids from <i>Delphinium anthriscifolium</i> var. <i>savatieri</i> . <i>Helvetica Chimica Acta</i> , 2009, 92, 745-752.	1.6	16
25	Diterpenoid Alkaloids from <i>Delphinium tatsienense</i> . <i>Helvetica Chimica Acta</i> , 2011, 94, 853-858.	1.6	14
26	Synthesis of Atisine, Ajaconine, Denudatine, and Hetidine Diterpenoid Alkaloids by a Bioinspired Approach. <i>Angewandte Chemie</i> , 2016, 128, 15896-15900.	2.0	14
27	Trichocarpine, a Novel Hetidineâ€“Hetisine Type Bisditerpenoid Alkaloid from <i>Aconitum tanguticum</i> var. <i>trichocarpum</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 118-122.	1.6	13
28	Generating Skeletal Diversity from the C ₁₉ -Diterpenoid Alkaloid Deltaline: A Ringâ€“Distortion Approach. <i>Chemistry - A European Journal</i> , 2015, 21, 8946-8950.	3.3	13
29	Regiospecific alkyl addition of (hetero)arene-fused thiophenes enabled by a visible-light-mediated photocatalytic desulfuration approach. <i>Chemical Communications</i> , 2018, 54, 4692-4695.	4.1	13
30	Construction of the highly oxidized bicyclo[3.2.1]octane CD ring system of aconitine <i>via</i> a late stage enyne cycloisomerization. <i>Chemical Communications</i> , 2018, 54, 12258-12261.	4.1	13
31	Prevalence and transmission of antimicrobial-resistant <i>Staphylococci</i> and <i>Enterococci</i> from shared bicycles in Chengdu, China. <i>Science of the Total Environment</i> , 2020, 738, 139735.	8.0	13
32	A Desulfurative Strategy for the Generation of Alkyl Radicals Enabled by Visibleâ€“Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 6777-6781.	2.0	12
33	Total Synthesis of Liangshanone. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23609-23614.	13.8	12
34	The diterpenoid alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2022, 87, 1-360.	2.0	12
35	New Diterpenoid Alkaloids from <i>Aconitum liangshanicum</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 811-817.	1.6	11
36	Synthetic approach to the functionalized tricyclic core of atropurpuran. <i>Tetrahedron</i> , 2016, 72, 347-353.	1.9	11

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37	Total Synthesis of Sarpagine Alkaloid (âˆ“) -Normacusine B. <i>Organic Letters</i> , 2022, 24, 3515-3520.	4.6	11
38	Two Novel Skeletal Rearrangements Involving in the C Ring of C19-Diterpenoid Alkaloid Deltaline Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 250-253.	1.3	10
39	Three New C ₁₉ -Diterpenoid Alkaloids from <i>Aconitum hemsleyanum</i> var. <i>circinatum</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 785-790.	1.6	10
40	Piepunine, A Novel Bis-diterpenoid Alkaloid from the Roots of <i>Aconitum piepunense</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 2251-2255.	1.6	10
41	Asymmetric Synthesis of an Advanced Tetracyclic Framework of (+)-Sarain A. <i>Organic Letters</i> , 2018, 20, 6701-6704.	4.6	8
42	Bioinspired Synthesis of (+)-â€Cinchonidine Using Cascade Reactions. <i>Angewandte Chemie</i> , 2018, 130, 12479-12482.	2.0	8
43	Asymmetric Total Syntheses of the Akuammiline Alkaloids (âˆ“)â€Strictamine and (âˆ“)â€Rhazoline. <i>Angewandte Chemie</i> , 2019, 131, 6120-6124.	2.0	8
44	New C20-diterpenoid alkaloids from <i>Aconitum vilmorrianum</i> and structural revision of 2-O-acetylorochrine and orochrine. <i>Journal of Asian Natural Products Research</i> , 2016, 18, 315-327.	1.4	7
45	Asymmetric synthetic approach to a functionalized azabicyclo[3.3.1]nonane moiety of (+)-sarain A. <i>Tetrahedron Letters</i> , 2017, 58, 4122-4124.	1.4	6
46	Enantioselective total synthesis of (+)-vincamine. <i>Chinese Chemical Letters</i> , 2021, , .	9.0	6
47	Biomimetic conversion of aconitine-type C ₁₉ -diterpenoid alkaloids to lactone-type alkaloids. <i>Journal of Asian Natural Products Research</i> , 2012, 14, 441-449.	1.4	5
48	Novel analogues of diterpenoid alkaloids from ring distortion of talatisamine, a potassium ion channel blocker. <i>Tetrahedron</i> , 2016, 72, 1357-1363.	1.9	5
49	A light- and heat-driven glycol diazidation approach to nitrogenous carbohydrate derivatives with antiviral activity. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6155-6161.	2.8	5
50	Synthesis and cardiac activity evaluation of the proposed structures of fuzinoside. <i>Tetrahedron</i> , 2015, 71, 8661-8668.	1.9	4
51	Practical synthesis of immucillins BCX-1777 and BCX-4430. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3675-3680.	4.5	4
52	Synthetic studies towards (â€)-deserpidine: Total synthesis of the stereoisomer and derivative of (â€)-deserpidine. <i>Chinese Chemical Letters</i> , 2021, 32, 401-404.	9.0	4
53	Two new C20-diterpenoid alkaloids from <i>Delphinium anthriscifolium</i> var. <i>savatieri</i> . <i>Natural Product Communications</i> , 2010, 5, 1005-8.	0.5	4
54	Concise total synthesis of opioids. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2322-2327.	4.5	4

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55	Assembly of the 6/3/5/6 tetracyclic core of rearranged-type C19-diterpenoid alkaloids. Chinese Chemical Letters, 2020, 31, 1903-1905.	9.0	3
56	Asymmetric Total Synthesis of (+)-21-epi-Eburnamonine Via a Photocatalytic Radical Cascade Reaction. Natural Products and Bioprospecting, 2021, 11, 99-103.	4.3	3
57	Stereoselective synthesis of 1±-fructofuranosides using a 4,6-O-siloxane-protected donor. Organic Chemistry Frontiers, 2021, 8, 2263-2267.	4.5	3
58	An improved glycol diazidation protocol with copper catalysis. Tetrahedron Letters, 2021, 70, 153010.	1.4	3
59	A convergent approach to the tetracyclic core of atisane diterpenes. Chinese Chemical Letters, 2016, 27, 59-62.	9.0	2
60	Practical and efficient preparation of the chiral 4-bromotryptophan derivative by Rh-catalyzed hydrogenation. Tetrahedron Letters, 2020, 61, 151498.	1.4	2
61	Total Synthesis of Liangshanone. Angewandte Chemie, 2020, 132, 23815-23820.	2.0	2
62	Total synthesis of angustine and angustoline. Tetrahedron Letters, 2020, 61, 151757.	1.4	2
63	Synthetic studies towards arcutinidine: An alternative strategy for construction of the complete carbon framework. Tetrahedron, 2021, 86, 132092.	1.9	2
64	Co-Catalyzed C(sp ³)–C(sp ²) bond cleavage <i>via</i> hydrogen atom transfer. Organic Chemistry Frontiers, 0, , .	4.5	2
65	Synthetic progress toward the marine natural product zamamiphidin A. RSC Advances, 2020, 10, 11903-11906.	3.6	0