

Yong Qin

List of Publications by Year in descending order

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78
papers

3,176
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201674

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79
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docs citations

79
times ranked

2723
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of Indoline Alkaloids: A Cyclopropanation Strategy. <i>Accounts of Chemical Research</i> , 2011, 44, 447-457.	15.6	425
2	Total Synthesis of (±)-Communesin F. <i>Journal of the American Chemical Society</i> , 2007, 129, 13794-13795.	13.7	199
3	Recent Applications of Cyclopropane-Based Strategies to Natural Product Synthesis. <i>Synthesis</i> , 2012, 44, 2969-2984.	2.3	194
4	Total Synthesis of the <i>Akuammiline</i> Alkaloid (±)-Vincorine. <i>Journal of the American Chemical Society</i> , 2009, 131, 6013-6020.	13.7	166
5	Discovery of Marinopyrrole A (Maritoclax) as a Selective Mcl-1 Antagonist that Overcomes ABT-737 Resistance by Binding to and Targeting Mcl-1 for Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 10224-10235.	3.4	141
6	Indole Alkaloid Synthesis Facilitated by Photoredox Catalytic Radical Cascade Reactions. <i>Accounts of Chemical Research</i> , 2019, 52, 1877-1891.	15.6	140
7	A Radical Cascade Enabling Collective Syntheses of Natural Products. <i>CheM</i> , 2017, 2, 803-816.	11.7	129
8	Total Synthesis of (+)-Perophoramidine and Determination of the Absolute Configuration. <i>Journal of the American Chemical Society</i> , 2010, 132, 14052-14054.	13.7	124
9	Efficient Assembly of an Indole Alkaloid Skeleton by Cyclopropanation: Concise Total Synthesis of (±)-Minsifensine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3618-3621.	13.8	120
10	Biomimetic Approach to Perophoramidine and Communesin via an Intramolecular Cyclopropanation Reaction. <i>Organic Letters</i> , 2006, 8, 2187-2190.	4.6	104
11	Biomimetic Total Synthesis of (+)-Gelsemine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4909-4912.	13.8	91
12	Asymmetric Total Syntheses of <i>Kopsia</i> Indole Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3703-3707.	13.8	91
13	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
14	Total Synthesis of (±)-Lundurine A and Determination of its Absolute Configuration. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2228-2231.	13.8	57
15	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
16	Enantioselective Total Synthesis of (±)-Arcutinine. <i>Journal of the American Chemical Society</i> , 2019, 141, 9712-9718.	13.7	55
17	Total synthesis of atropurpuran. <i>Nature Communications</i> , 2016, 7, 12183.	12.8	52
18	Ongoing Pursuit of Diterpenoid Alkaloids: A Synthetic View. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1010-1019.	2.7	46

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19	Formal total synthesis of the akuammiline alkaloid (+)-strictamine. <i>Chemical Communications</i> , 2017, 53, 12665-12667.	4.1	41
20	Concise syntheses of eburnane indole alkaloids. <i>Chemical Communications</i> , 2018, 54, 9510-9512.	4.1	41
21	Asymmetric Total Syntheses of the Akuammiline Alkaloids (±)-strictamine and (±)-rhazizoline. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6059-6063.	13.8	41
22	Studies of a Diazo Cyclopropanation Strategy for the Total Synthesis of (±)-lundurine. <i>Chemistry - A European Journal</i> , 2015, 21, 13284-13290.	3.3	38
23	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
24	Formal Synthesis of Anticoagulant Drug Fondaparinux Sodium. <i>Journal of Organic Chemistry</i> , 2016, 81, 162-184.	3.2	29
25	Asymmetric Total Syntheses of Kopsia Indole Alkaloids. <i>Angewandte Chemie</i> , 2017, 129, 3757-3761.	2.0	28
26	Asymmetric Total Synthesis of (+)-strychnine. <i>Organic Letters</i> , 2019, 21, 252-255.	4.6	28
27	Amberlyst-catalyzed Reaction of Indole: Synthesis of Bisindolylalkane. <i>Synthetic Communications</i> , 2005, 35, 1209-1212.	2.1	27
28	Bioinspired Synthesis of (+)-cinchonidine Using Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12299-12302.	13.8	27
29	Synthesis of Enantiopure tert-Butanesulfinamide from tert-Butanesulfinyloxazolidinone. <i>Journal of Organic Chemistry</i> , 2004, 69, 8533-8536.	3.2	26
30	Improvement of the C-glycosylation Step for the Synthesis of Remdesivir. <i>Organic Process Research and Development</i> , 2020, 24, 1772-1777.	2.7	26
31	One-Pot Synthesis of Multisubstituted Butyrolactonimides: Total Synthesis of (±)-nephrosteranic Acid. <i>Journal of Organic Chemistry</i> , 2015, 80, 2494-2502.	3.2	24
32	Synthesis of Three-Dimensionally Fascinating Diterpenoid Alkaloids and Related Diterpenes. <i>Accounts of Chemical Research</i> , 2021, 54, 22-34.	15.6	24
33	Design, synthesis and evaluation of marinopyrrole derivatives as selective inhibitors of Mcl-1 binding to pro-apoptotic Bim and dual Mcl-1/Bcl-xL inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 315-331.	5.5	23
34	Total synthesis of akuammiline alkaloid (+)-strictamine. <i>Tetrahedron</i> , 2018, 74, 1129-1134.	1.9	23
35	Formal Total Syntheses of (±)- and (+)-actinophyllic Acid. <i>Journal of Organic Chemistry</i> , 2018, 83, 754-764.	3.2	23
36	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

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37	Total Syntheses of (±)-Isoschizogamine and (±)-2-Hydroxyisochizogamine. <i>Chemistry - A European Journal</i> , 2015, 21, 14602-14607.	3.3	22
38	Enantioselective Synthesis of ABCF Tetracyclic Framework of <i>Daphniphyllum</i> Alkaloid Calyciphylline N. <i>Organic Letters</i> , 2018, 20, 5053-5057.	4.6	21
39	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
40	Chemical Synthesis and Antigenic Evaluation of Inner Core Oligosaccharides from <i>Acinetobacter baumannii</i> Lipopolysaccharide. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	18
41	Asymmetric synthesis of ABC tricyclic core in <i>Daphniphyllum</i> alkaloid 21-deoxy-macropodumine D. <i>Tetrahedron Letters</i> , 2018, 59, 1999-2004.	1.4	17
42	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
43	Cyclic Marinopyrrole Derivatives as Disruptors of Mcl-1 and Bcl-xL Binding to Bim. <i>Marine Drugs</i> , 2014, 12, 1335-1348.	4.6	14
44	Synthesis of Atisine, Ajaconine, Denudatine, and Hetidine Diterpenoid Alkaloids by a Bioinspired Approach. <i>Angewandte Chemie</i> , 2016, 128, 15896-15900.	2.0	14
45	Advances on Nitrogen-centered Radical Chemistry: A Photocatalytic N-H Bond Activation Approach. <i>Acta Chimica Sinica</i> , 2017, 75, 1137.	1.4	14
46	Alternative Methylation for the Synthesis of (+)-Perophoramidine. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1970-1973.	4.9	13
47	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
48	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
49	Studies towards Bioinspired Synthesis of Hetidine-type C ₂₀ Diterpenoid Alkaloids. <i>Chinese Journal of Chemistry</i> , 2017, 35, 991-1000.	4.9	12
50	A Desulfurative Strategy for the Generation of Alkyl Radicals Enabled by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 6777-6781.	2.0	12
51	Total Synthesis of Liangshanone. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23609-23614.	13.8	12
52	The diterpenoid alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2022, 87, 1-360.	2.0	12
53	Synthetic approach to the functionalized tricyclic core of atropurpuran. <i>Tetrahedron</i> , 2016, 72, 347-353.	1.9	11
54	Bioinspired Scalable Total Synthesis of Opioids. <i>CCS Chemistry</i> , 2021, 3, 1376-1383.	7.8	11

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55	Total Synthesis of Sarpagine Alkaloid (âˆ“) - Normacusine B. <i>Organic Letters</i> , 2022, 24, 3515-3520.	4.6	11
56	Preparation of Alkyl Carbamate of 1â€³-Protected Indoleâ€³â€³-methylamine as a Precursor of Indoleâ€³â€³-methylamine. <i>Synthetic Communications</i> , 2005, 35, 2735-2748.	2.1	9
57	Marinopyrrole Derivatives with Sulfide Spacers as Selective Disruptors of Mcl-1 Binding to Pro-Apoptotic Protein Bim. <i>Marine Drugs</i> , 2014, 12, 4311-4325.	4.6	9
58	Total Synthesis of Lignan Lactone (â€“) - Hinokinin. <i>Natural Products and Bioprospecting</i> , 2015, 5, 255-261.	4.3	9
59	Asymmetric Synthesis of an Advanced Tetracyclic Framework of (+)-Sarain A. <i>Organic Letters</i> , 2018, 20, 6701-6704.	4.6	8
60	Bioinspired Synthesis of (+)-â€³Cinchonidine Using Cascade Reactions. <i>Angewandte Chemie</i> , 2018, 130, 12479-12482.	2.0	8
61	Asymmetric Total Syntheses of the Akuammiline Alkaloids (âˆ“)â€³-strictamine and (âˆ“)â€³-rhazinline. <i>Angewandte Chemie</i> , 2019, 131, 6120-6124.	2.0	8
62	Asymmetric approach towards the total synthesis of (+)-actinopyllic acid. <i>Tetrahedron</i> , 2017, 73, 2109-2115.	1.9	6
63	Enantioselective total synthesis of (+)-vincamine. <i>Chinese Chemical Letters</i> , 2021, , .	9.0	6
64	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
65	Practical synthesis of immucillins BCX-1777 and BCX-4430. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3675-3680.	4.5	4
66	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
67	Concise total synthesis of opioids. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2322-2327.	4.5	4
68	Assembly of the 6/3/5/6 tetracyclic core of rearranged-type C19-diterpenoid alkaloids. <i>Chinese Chemical Letters</i> , 2020, 31, 1903-1905.	9.0	3
69	Asymmetric Total Synthesis of (+)-21-epi-Eburnamonine Via a Photocatalytic Radical Cascade Reaction. <i>Natural Products and Bioprospecting</i> , 2021, 11, 99-103.	4.3	3
70	Stereoselective synthesis of Î±- <i>d</i> -fructofuranosides using a 4,6- <i>O</i> -siloxane-protected donor. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2263-2267.	4.5	3
71	An improved glycol diazidation protocol with copper catalysis. <i>Tetrahedron Letters</i> , 2021, 70, 153010.	1.4	3
72	Synthesis of 10,10â€²-bis(trifluoromethyl) marinopyrrole A derivatives and evaluation of their antiviral activities in vitro. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114436.	5.5	3

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73	Total Synthesis of Liangshanone. <i>Angewandte Chemie</i> , 2020, 132, 23815-23820.	2.0	2
74	Total synthesis of angustine and angustoline. <i>Tetrahedron Letters</i> , 2020, 61, 151757.	1.4	2
75	Synthetic studies towards arcutinidine: An alternative strategy for construction of the complete carbon framework. <i>Tetrahedron</i> , 2021, 86, 132092.	1.9	2
76	Co-Catalyzed C(sp ³)–C(sp ²) bond cleavage <i>via</i> hydrogen atom transfer. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	2
77	Synthesis of an unusual hexasaccharide repeating unit from the cell wall polysaccharide of <i>Eubacterium saburreum</i> strain T19. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2298-2306.	4.5	1
78	Synthetic progress toward the marine natural product zamamiphidin A. <i>RSC Advances</i> , 2020, 10, 11903-11906.	3.6	0