

# Shuanhu Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

2,445  
citations

218677

26  
h-index

214800

47  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total synthesis of streptoverdione and bioinspired transformation to streptoverdine A and formicapyridine A. <i>Chemical Communications</i> , 2022, 58, 4239-4242.	4.1	4
2	Asymmetric total synthesis of cephanolide B. <i>Organic Chemistry Frontiers</i> , 2021, 8, 555-559.	4.5	22
3	Synthesis of polycyclic naphthols and naphthalenes <i>via</i> tandem Ti(O <i>i</i> -Pr) <sub>4</sub> -promoted photoenolization/Diels-Alder reaction and aromatization. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1143-1148.	4.5	15
4	Construction of polycyclic structures with vicinal all-carbon quaternary stereocenters <i>via</i> an enantioselective photoenolization/Diels-Alder reaction. <i>Chemical Science</i> , 2021, 12, 7575-7582.	7.4	15
5	Asymmetric Total Synthesis of PD-116740. <i>Organic Letters</i> , 2021, 23, 469-473.	4.6	4
6	Calixanthomycin A: Asymmetric Total Synthesis and Structural Determination. <i>Organic Letters</i> , 2021, 23, 1769-1774.	4.6	7
7	Strategies for the Total Synthesis of the Furanosteroids: wortmannin and viridin. <i>Chemistry Letters</i> , 2021, 50, 497-502.	1.3	2
8	Stereoselective Synthesis of the Core Structures of Pyrrocidines and Wortmannines through the Excited-State Nazarov Reactions. <i>Organic Letters</i> , 2021, 23, 2736-2741.	4.6	4
9	Asymmetric Total Synthesis and Biosynthetic Implications of Perovskones, Hydrangenone, and Hydrangenone B. <i>Journal of the American Chemical Society</i> , 2021, 143, 6370-6375.	13.7	30
10	Asymmetric Total Synthesis of Norzoanthamine. <i>Angewandte Chemie</i> , 2021, 133, 12917-12922.	2.0	0
11	Recent advances in the total synthesis of natural products bearing the contiguous all-carbon quaternary stereocenters. <i>Tetrahedron Letters</i> , 2021, 71, 153029.	1.4	30
12	Asymmetric Total Synthesis of Norzoanthamine. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12807-12812.	13.8	14
13	Asymmetric Total Synthesis of Aglacins...A, B, and E. <i>Angewandte Chemie</i> , 2021, 133, 16791-16796.	2.0	3
14	Asymmetric Total Synthesis of Aglacins...A, B, and E. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16655-16660.	13.8	21
15	<i>Exo</i> -Selective and Enantioselective Photoenolization/Diels-Alder Reaction. <i>Organic Letters</i> , 2021, 23, 7487-7491.	4.6	10
16	The chemistry of Daphniphyllum alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2021, 85, 113-176.	2.0	15
17	Asymmetric total synthesis of (+)-xestoquinone and (+)-adociaquinones A and B. <i>Chemical Science</i> , 2021, 12, 4747-4752.	7.4	15
18	Structure of PDE3A-SLFN12 complex and structure-based design for a potent apoptosis inducer of tumor cells. <i>Nature Communications</i> , 2021, 12, 6204.	12.8	19

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19	Asymmetric total synthesis of nodulisporiviridin E. <i>Organic Chemistry Frontiers</i> , 2020, 7, 109-112.	4.5	3
20	Asymmetric Total Synthesis of Cephanolideâ€¦A. <i>Angewandte Chemie</i> , 2020, 132, 20597-20602.	2.0	9
21	Asymmetric Total Synthesis of Cephanolideâ€¦A. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20417-20422.	13.8	37
22	An alkaloid initiates phosphodiesterase 3Aâ€™s schlafen 12 dependent apoptosis without affecting the phosphodiesterase activity. <i>Nature Communications</i> , 2020, 11, 3236.	12.8	20
23	Asymmetric Synthesis of Rugulotrosin A. <i>Organic Letters</i> , 2020, 22, 1485-1489.	4.6	12
24	Total Synthesis of Farnesin through an Excitedâ€™State Nazarov Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7444-7449.	13.8	38
25	Asymmetric Total Synthesis of the Complex Polycyclic Xanthone FDâ€™594. <i>Angewandte Chemie</i> , 2020, 132, 4390-4394.	2.0	6
26	Asymmetric Total Synthesis of the Complex Polycyclic Xanthone FDâ€™594. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4360-4364.	13.8	23
27	Total Synthesis of Farnesin through an Excitedâ€™State Nazarov Reaction. <i>Angewandte Chemie</i> , 2020, 132, 7514-7519.	2.0	18
28	Total Synthesis of Three Families of Natural Antibiotics: Anthrabenzoxocinones, Fasamycins/Naphthacemycins, and Benastatins. <i>CCS Chemistry</i> , 2020, 2, 800-812.	7.8	47
29	Synthetic Progress of Polycyclic Xanthone. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 551.	1.3	0
30	Total Syntheses of Norrisolide-Type <i>Spongian</i> Diterpenes Cheloviolene C, Seconorrisolide B and Seconorrisolide C. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 3481.	1.3	0
31	Total Synthesis of Viridin and Viridiol. <i>Journal of the American Chemical Society</i> , 2019, 141, 16208-16212.	13.7	59
32	A Unified Strategy To Construct the Tetracyclic Ring of Calyciphylline A Alkaloids: Total Synthesis of Himalensine A. <i>Organic Letters</i> , 2019, 21, 3741-3745.	4.6	53
33	Exploration of 1,3-dipolar cycloaddition reactions to construct the core skeleton of Calyciphylline A-type alkaloids. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3781-3785.	4.5	9
34	Titaniumâ€™promoted Intramolecular Photoenolization/Dielsâ€™Alder Reaction to Construct Polycyclic Terpenoids: Formal Synthesis of Mycoleptodiscin A. <i>Chinese Journal of Chemistry</i> , 2019, 37, 135-139.	4.9	20
35	Total Synthesis of (â€™)-Xestosaprol N and O. <i>Organic Letters</i> , 2018, 20, 732-735.	4.6	18
36	Recent advances in the intramolecular Mannich reaction in natural products total synthesis. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1049-1066.	4.5	59

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37	Synthetic studies on daphniglucins. <i>Chemical Communications</i> , 2018, 54, 5554-5557.	4.1	19
38	Recent advances in the total synthesis of gracilamine. <i>Chemical Communications</i> , 2018, 54, 12905-12913.	4.1	11
39	Recent advances in the application of Diels-Alder reactions involving <i>exo</i> -quinodimethanes, aza- <i>exo</i> -quinone methides and <i>exo</i> -quinone methides in natural product total synthesis. <i>Chemical Society Reviews</i> , 2018, 47, 7926-7953.	38.1	312
40	Convergent Synthesis of Kibdelone C. <i>Organic Letters</i> , 2018, 20, 2872-2875.	4.6	18
41	Application of Photochemical Rearrangement of Santonin in Total Synthesis of Complex Natural Terpenoids. <i>Acta Chimica Sinica</i> , 2018, 76, 161.	1.4	6
42	Cascade Halo-Michael/Aldol Reaction and Its Application in Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 1608.	1.3	1
43	Total Synthesis of Complex Natural Products: Combination of Chemical Synthesis and Biosynthesis Strategies. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 2185.	1.3	2
44	Chemo-enzymatic synthesis of equisetin. <i>Chemical Communications</i> , 2017, 53, 4695-4697.	4.1	30
45	Total Synthesis and Structural Determination of the Dimeric Tetrahydroxanthone Ascherxanthone A. <i>Organic Letters</i> , 2017, 19, 1834-1837.	4.6	27
46	Total Synthesis of Scholarisine K and Alstolactine A. <i>Organic Letters</i> , 2017, 19, 1922-1925.	4.6	33
47	Ti(Oi-Pr) <sub>4</sub> -promoted photoenolization Diels-Alder reaction to construct polycyclic rings and its synthetic applications. <i>Nature Communications</i> , 2017, 8, 622.	12.8	37
48	Total Synthesis of the Hamigerans. <i>Angewandte Chemie</i> , 2016, 128, 10096-10100.	2.0	7
49	Total Synthesis of the Hamigerans. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9942-9946.	13.8	31
50	Advances of radical and photo reactions in natural products synthesis. <i>Science China Chemistry</i> , 2016, 59, 1093-1108.	8.2	19
51	Total Synthesis of Camptothecin and Related Natural Products by a Flexible Strategy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14778-14783.	13.8	90
52	Total Synthesis of Camptothecin and Related Natural Products by a Flexible Strategy. <i>Angewandte Chemie</i> , 2016, 128, 14998-15003.	2.0	13
53	A photo-induced C-C bond formation methodology to construct tetrahydrofluorenones and their related structures. <i>Organic Chemistry Frontiers</i> , 2016, 3, 354-358.	4.5	14
54	Recent advances of synthesis of fluorenone and fluorene containing natural products. <i>Tetrahedron</i> , 2016, 72, 1717-1735.	1.9	65

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55	Trends in applying C-H oxidation to the total synthesis of natural products. <i>Natural Product Reports</i> , 2016, 33, 562-581.	10.3	105
56	Construction of the 5,6,7-tricyclic skeleton of lancifodilactone F. <i>Tetrahedron Letters</i> , 2015, 56, 3225-3227.	1.4	13
57	Sonogashira coupling in natural product synthesis. <i>Organic Chemistry Frontiers</i> , 2014, 1, 556-566.	4.5	150
58	A photo-induced C=O bond formation methodology to construct tetrahydroxanthones. <i>Chemical Communications</i> , 2014, 50, 5254-5257.	4.1	18
59	Total synthesis and biological studies of cryptocin and derivatives of equisetin and fusarisetin A. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7591-7597.	2.8	22
60	The Photo-Nazarov Reaction: Scope and Application. <i>Chemistry - A European Journal</i> , 2014, 20, 8677-8681.	3.3	40
61	Total Synthesis of Gracilamine. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9539-9543.	13.8	80
62	Asymmetric syntheses of sceptrin and massadine and evidence for biosynthetic enantiodivergence. <i>Science</i> , 2014, 346, 219-224.	12.6	100
63	Total Synthesis of Cyanthiwigins A, C, G, and H. <i>Organic Letters</i> , 2013, 15, 4402-4405.	4.6	32
64	Biomimetic Synthesis of Equisetin and (+)-Fusarisetin A. <i>Chemistry - A European Journal</i> , 2013, 19, 13040-13046.	3.3	44
65	Construction of the basic skeleton of ophiobolin A and variecolin. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7550.	2.8	24
66	Total Synthesis of (+)-Fusarisetin A: A Biomimetic Approach. <i>Synlett</i> , 2013, 25, 1-7.	1.8	2
67	Synthetic Progress of Fusarisetin A. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 259.	1.3	7
68	The Chemistry and Biology of Nakiterpiosin - C-nor-D-Homosteroids. <i>Synlett</i> , 2012, 23, 2298-2310.	1.8	7
69	Nakiterpiosin. , 2012, , 25-37.		2
70	Asymmetric Synthesis and Biosynthetic Implications of (+)-Fusarisetin A. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7786-7789.	13.8	85
71	Chemical and Biological Studies of Nakiterpiosin and Nakiterpiosinone. <i>Journal of the American Chemical Society</i> , 2010, 132, 371-383.	13.7	71
72	Synthesis and Structure Revision of Nakiterpiosin. <i>Journal of the American Chemical Society</i> , 2009, 131, 1410-1412.	13.7	132

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73	Total Synthesis of (±)-Galanthamine. Organic Letters, 2006, 8, 1823-1825.	4.6	72