

Guo-Fang Jiang

List of Publications by Year in descending order

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papers

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361413

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docs citations

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times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Covalent Organic Frameworks Bearing Three Different Kinds of Pores: The Strategy for Construction and COF-to-COF Transformation via Heterogeneous Linker Exchange. <i>Journal of the American Chemical Society</i> , 2017, 139, 6736-6743.	13.7	217
2	Dehydration triggered asymmetric hydrogenation of 3-(\pm -hydroxyalkyl)indoles. <i>Chemical Science</i> , 2011, 2, 803.	7.4	157
3	A mild method for generation of o-quinone methides under basic conditions. The facile synthesis of trans-2,3-dihydrobenzofurans. <i>Chemical Communications</i> , 2013, 49, 1660.	4.1	107
4	A gaseous hydrogen chloride chemosensor based on a 2D covalent organic framework. <i>Chemical Communications</i> , 2019, 55, 4550-4553.	4.1	107
5	Polyarylimide and porphyrin based polymer microspheres for zinc ion hybrid capacitors. <i>Chemical Engineering Journal</i> , 2021, 405, 127038.	12.7	76
6	Efficient Removal of Cr(VI) from Aqueous Solutions by a Dual-Pore Covalent Organic Framework. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800150.	5.3	66
7	Two-dimensional dual-pore covalent organic frameworks obtained from the combination of two D _{2h} symmetrical building blocks. <i>Chemical Communications</i> , 2016, 52, 11704-11707.	4.1	61
8	Bifunctional squaramide-catalyzed synthesis of chiral dihydrocoumarins via ortho-quinone methides generated from 2-(1-tosylalkyl)phenols. <i>Chemical Communications</i> , 2017, 53, 3531-3534.	4.1	61
9	Synthesis of Chiral Pyrazolone and Spiropyrazolone Derivatives through Squaramide-Catalyzed Reaction of Pyrazolin-5-ones with <i>o</i> -Quinone Methides. <i>Organic Letters</i> , 2018, 20, 1158-1161.	4.6	61
10	A Covalent Organic Framework with Extended π -Conjugated Building Units as a Highly Efficient Recipient for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34990-34998.	8.0	50
11	Precision Construction of 2D Heteropore Covalent Organic Frameworks by a Multiple-Linking-Site Strategy. <i>Chemistry - A European Journal</i> , 2016, 22, 17784-17789.	3.3	46
12	Synthesis of chiral β -aminophosphonates through the organocatalytic hydrophosphonylation of azadienes with phosphites. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1148-1151.	4.5	45
13	1,2-Alkylarylation of Activated Alkenes with Two C-H Bonds by Using Visible-Light Catalysis. <i>Synlett</i> , 2014, 25, 1031-1035.	1.8	41
14	The Concise Synthesis of Spiro-Cyclopropane Compounds via the Dearomatization of Indole Derivatives. <i>Organic Letters</i> , 2014, 16, 2578-2581.	4.6	41
15	Synthesis of Benzofuran-fused 1,4-Dihydropyridines via Bifunctional Squaramide-catalyzed Formal [4+2] Cycloaddition of Azadienes with Malononitrile. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1130-1134.	4.9	37
16	Catalytic Asymmetric Conjugate Addition of Tritylthiol to Azadienes with a Bifunctional Organocatalyst. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1561-1564.	2.7	34
17	Rhodium-Catalyzed Addition of Boronic Acids to Vinylogous Imines Generated <i>in situ</i> from Sulfonylindoles. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3352-3356.	4.3	30
18	A novel two-photon fluorescent probe for hydrogen sulfide in living cells using an acedan-NBD amine dyad based on FRET process with high selectivity and sensitivity. <i>New Journal of Chemistry</i> , 2017, 41, 6769-6774.	2.8	29

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19	Construction of two heteropore covalent organic frameworks with Kagome lattices. <i>CrystEngComm</i> , 2017, 19, 4877-4881.	2.6	22
20	Chiral phosphoric acid-catalyzed asymmetric transfer hydrogenation of 3-trifluoromethylthioquinolines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6937-6941.	2.8	21
21	A design strategy for the construction of 2D heteropore covalent organic frameworks based on the combination of C_{2v} and D_{3h} symmetric building blocks. <i>Polymer Chemistry</i> , 2018, 9, 279-283.	3.9	19
22	Chiral Phosphoric Acid-Catalyzed C6 Functionalization of 2,3-Disubstituted Indoles for Synthesis of Heterotriarylmethanes. <i>Organic Letters</i> , 2021, 23, 2393-2398.	4.6	18
23	Self-Assembly of Chiral Propeller-like Supermolecules with Unusual "Sergeants" and "Soldiers" and "Majority" Rules Effects. <i>Chemistry - an Asian Journal</i> , 2014, 9, 754-758.	3.3	17
24	An efficient method based on indoles for the synthesis of isatins by taking advantage of I_2O_5 as oxidant. <i>Tetrahedron Letters</i> , 2017, 58, 1747-1750.	1.4	16
25	Effects of connecting sequences of building blocks on reticular synthesis of covalent organic frameworks. <i>Nano Research</i> , 2021, 14, 381-386.	10.4	16
26	Transformation between 2D covalent organic frameworks with distinct pore hierarchy via exchange of building blocks with different symmetries. <i>Chemical Communications</i> , 2020, 56, 15418-15421.	4.1	14
27	Selective synthesis and biological activity of triazine-porphyrins as potential anti-cancer agents. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 123-127.	0.8	13
28	Toward a highly sensitive and selective indole-rhodamine-based light-up probe for Hg^{2+} and its application in living cells. <i>Tetrahedron Letters</i> , 2017, 58, 2846-2849.	1.4	13
29	Metal-free oxidative trifluoromethylation of indoles with CF_3SO_2Na on the C2 position. <i>RSC Advances</i> , 2019, 9, 35098-35101.	3.6	10
30	Substituted tetrapyrzolyloporphyrins: application in organic light-emitting diodes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 830-834.	0.8	6
31	Combined Di- <i>tert</i> -butyl Peroxide and Inorganic Base Promoted \pm -Alkylation of Ethers with Arenesulfonylindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 5441-5448.	3.2	6
32	Synthesis, Photophysical and Electrochemical Properties, and Self-assembly Behavior of Two Hexaazatriphenylene Derivatives: A Single Bond Makes a Big Difference. <i>Chemistry - an Asian Journal</i> , 2016, 11, 839-843.	3.3	4
33	Asymmetric synthesis of 4-aryl-1,2,5-thiadiazolidin-3-one 1,1-dioxides via Pd-catalyzed hydrogenation of cyclic ketimines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1325-1328.	2.8	4
34	A facile synthesis of pyrrolo[2,3- <i>ij</i>]phenanthridines via the cascade reaction of indoleanilines and aldehydes. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 1116-1122.	2.6	4
35	Molecular modeling of rice Rubisco. <i>Chinese Journal of Chemistry</i> , 2010, 15, 353-360.	4.9	3
36	Reaction of Grignard Reagents with Diethyl Perfluoroacyl (1-cyanoethyl) phosphonates. Synthesis of Perfluoroalkylated \pm , \pm -Unsaturated Nitriles with Predominant Z -Selectivity. <i>Chinese Journal of Chemistry</i> , 2002, 20, 1375-1378.	4.9	3