

Gang Zhang

List of Publications by Year in descending order

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papers

1,994
citations

516215

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301761

39
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42
all docs

42
docs citations

42
times ranked

2184
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic cage compounds “from shape-persistency to function. Chemical Society Reviews, 2014, 43, 1934-1947.	18.7	551
2	A Permanent Mesoporous Organic Cage with an Exceptionally High Surface Area. Angewandte Chemie - International Edition, 2014, 53, 1516-1520.	7.2	363
3	A Shape-Persistent Quadruply Interlocked Giant Cage Catenane with Two Distinct Pores in the Solid State. Angewandte Chemie - International Edition, 2014, 53, 5126-5130.	7.2	194
4	Salts of C ₆₀ (OH) ₈ Electrodeposited onto a Glassy Carbon Electrode: Surprising Catalytic Performance in the Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2013, 52, 10867-10870.	7.2	98
5	Facile Synthesis of Isomerically Pure Fullerenols and Formation of Spherical Aggregates from C ₆₀ (OH) ₈ . Angewandte Chemie - International Edition, 2010, 49, 5293-5295.	7.2	75
6	Facile Synthetic Approach to a Large Variety of Soluble Diarenoperylene. Chemistry - A European Journal, 2016, 22, 14840-14845.	1.7	56
7	Synthesis, Characterization, and Crystal Growth of Cs ₂ Hg ₃ I ₈ : A New Second-Order Nonlinear Optical Material. Crystal Growth and Design, 2008, 8, 2946-2949.	1.4	52
8	Efficient Cage-Opening Cascade Process for the Preparation of Water-Encapsulated [60]Fullerene Derivatives. Organic Letters, 2009, 11, 2772-2774.	2.4	44
9	A Nanoboat with Fused Concave <i>N</i> -Heterotriangulene. Angewandte Chemie - International Edition, 2020, 59, 8963-8968.	7.2	38
10	Nitrogen-Centered Concave Molecules with Double Fused Pentagons. Organic Letters, 2019, 21, 5248-5251.	2.4	35
11	Fused <i>h</i> -Extended Truxenes via a Threefold Borylation as the Key Step. Chemistry - A European Journal, 2016, 22, 3084-3093.	1.7	29
12	Modulating the properties of buckybowl containing multiple heteroatoms. Organic Chemistry Frontiers, 2021, 8, 727-735.	2.3	27
13	Effect of Fusion Manner of Concave Molecules on the Properties of Resulting Nanoboats. Organic Letters, 2021, 23, 491-496.	2.4	21
14	N-Substitution of acridone with electron-donating groups: crystal packing, intramolecular charge transfer and tuneable aggregation induced emission. RSC Advances, 2020, 10, 7092-7098.	1.7	18
15	Selective Synthesis of Fullerenol Derivatives with Terminal Alkyne and Crown Ether Addends. Journal of Organic Chemistry, 2012, 77, 2456-2462.	1.7	16
16	Long-term straw return with N addition alters reactive nitrogen runoff loss and the bacterial community during rice growth stages. Journal of Environmental Management, 2021, 292, 112772.	3.8	14
17	Assembly of Janus fullerenol: a novel approach to prepare rich carbon structures. Journal of Materials Chemistry, 2011, 21, 14864.	6.7	13
18	Effects of <i>N</i> -Substitution on the Property of Acridone. ChemistrySelect, 2019, 4, 7797-7804.	0.7	13

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19	Hydrogen-Bonded Chains and Networks of Triptycene-Based Triboronic Acid and Tripyridinone. <i>Crystal Growth and Design</i> , 2016, 16, 5542-5548.	1.4	12
20	Synthesis and Properties of Acridone Oligomers. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3217-3223.	1.2	11
21	Embedding Heteroatoms and Adjacent Pentagons in Concave Molecules. <i>Synlett</i> , 2020, 31, 1957-1961.	1.0	11
22	A Nanoboat with Fused Concave N-Heterotriangulene. <i>Angewandte Chemie</i> , 2020, 132, 9048-9053.	1.6	11
23	Synthesis, Structure and Properties of Fused π -Extended Acridone Derivatives. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5455-5463.	1.2	9
24	Preparation of a 12-Membered Open-Cage Fullerendione through Silane/Borane-Promoted Formation of Ketal Moieties and Oxidation of a Vicinal Fullerendiol. <i>Journal of Organic Chemistry</i> , 2011, 76, 6743-6748.	1.7	8
25	Investigation into the Effects of Straw Retention and Nitrogen Reduction on CH ₄ and N ₂ O Emissions from Paddy Fields in the Lower Yangtze River Region, China. <i>Sustainability</i> , 2020, 12, 1683.	1.6	8
26	Regioselective Diels-Alder Reactions Directed by Carbonyl Groups on the Rim of Open-Cage Fullerene Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7272-7276.	1.2	7
27	Access to a Phthalazine Derivative Through an Angular <i>cis</i> -Quinacridone. <i>Journal of Organic Chemistry</i> , 2021, 86, 1198-1203.	1.7	7
28	Carbazole Dendrimers with Acridone at the Core and Periphery: Synthesis and Properties. <i>ChemistrySelect</i> , 2019, 4, 10536-10542.	0.7	5
29	Benzoate Ester Functionalized Phenylenediamine Derivatives: Synthesis, Crystal Structure and Optical Properties. <i>ChemistrySelect</i> , 2020, 5, 9153-9161.	0.7	5
30	Access to benzo-fused aza[7]helicene <i>via</i> unexpected indolization of alkyne-amine. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5336-5344.	2.3	5
31	Synthesis of fullerene multiadducts with mixed oxygen and nitrogen addends including five secondary amino groups. <i>Tetrahedron Letters</i> , 2011, 52, 5805-5807.	0.7	4
32	Facile preparation of fullerenyl boronic esters. <i>Tetrahedron</i> , 2012, 68, 5193-5196.	1.0	4
33	Effect of Molecular Shape on the Properties of Indolo[3,2,1- <i>jk</i>]carbazole-Based Compounds. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	4
34	Synthesis, Structures and Properties of Angular <i>cis</i> -Benzothiazinophenothiazine Derivatives. <i>ChemistrySelect</i> , 2021, 6, 4312-4318.	0.7	1
35	Access to fused π -extended acridone derivatives through a regioselective oxidative demethylation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6985-6989.	1.5	1