

Gang Zhang

List of Publications by Year in descending order

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docs citations

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2184
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Molecular Shape on the Properties of Indolo[3,2,1- <i>bc</i>]carbazole-Based Compounds. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	4
2	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
3	Modulating the properties of buckybowls containing multiple heteroatoms. <i>Organic Chemistry Frontiers</i> , 2021, 8, 727-735.	2.3	27
4	Effect of Fusion Manner of Concave Molecules on the Properties of Resulting Nanoboats. <i>Organic Letters</i> , 2021, 23, 491-496.	2.4	21
5	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
6	Synthesis, Structures and Properties of Angular <i>cis</i> -Benzothiazinophenothiazine Derivatives. <i>ChemistrySelect</i> , 2021, 6, 4312-4318.	0.7	1
7	Long-term straw return with N addition alters reactive nitrogen runoff loss and the bacterial community during rice growth stages. <i>Journal of Environmental Management</i> , 2021, 292, 112772.	3.8	14
8	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
9	Benzoate Ester Functionalized Phenylenediamine Derivatives: Synthesis, Crystal Structure and Optical Properties. <i>ChemistrySelect</i> , 2020, 5, 9153-9161.	0.7	5
10	Synthesis, Structure and Properties of Fused π -Extended Acridone Derivatives. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5455-5463.	1.2	9
11	Embedding Heteroatoms and Adjacent Pentagons in Concave Molecules. <i>Synlett</i> , 2020, 31, 1957-1961.	1.0	11
12	A Nanoboat with Fused Concave <i>N</i> -Heterotriangulene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8963-8968.	7.2	38
13	A Nanoboat with Fused Concave <i>N</i> -Heterotriangulene. <i>Angewandte Chemie</i> , 2020, 132, 9048-9053.	1.6	11
14	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
15	N-Substitution of acridone with electron-donating groups: crystal packing, intramolecular charge transfer and tuneable aggregation induced emission. <i>RSC Advances</i> , 2020, 10, 7092-7098.	1.7	18
16	Effects of <i>N</i> -Substitution on the Property of Acridone. <i>ChemistrySelect</i> , 2019, 4, 7797-7804.	0.7	13
17	Carbazole Dendrimers with Acridone at the Core and Periphery: Synthesis and Properties. <i>ChemistrySelect</i> , 2019, 4, 10536-10542.	0.7	5
18	Nitrogen-Centered Concave Molecules with Double Fused Pentagons. <i>Organic Letters</i> , 2019, 21, 5248-5251.	2.4	35

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19	Synthesis and Properties of Acridone Oligomers. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3217-3223.	1.2	11
20	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
21	Facile Synthetic Approach to a Large Variety of Soluble Diarenoperylene. <i>Chemistry - A European Journal</i> , 2016, 22, 14840-14845.	1.7	56
22	Fused π -Extended Truxenes via a Threefold Borylation as the Key Step. <i>Chemistry - A European Journal</i> , 2016, 22, 3084-3093.	1.7	29
23	A Permanent Mesoporous Organic Cage with an Exceptionally High Surface Area. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1516-1520.	7.2	363
24	A Shape-Persistent Quadruply Interlocked Giant Cage Catenane with Two Distinct Pores in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5126-5130.	7.2	194
25	Organic cage compounds "from shape-persistency to function. <i>Chemical Society Reviews</i> , 2014, 43, 1934-1947.	18.7	551
26	Salts of $C_{60}(OH)_8$ Electrodeposited onto a Glassy Carbon Electrode: Surprising Catalytic Performance in the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10867-10870.	7.2	98
27	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
28	Facile preparation of fullereryl boronic esters. <i>Tetrahedron</i> , 2012, 68, 5193-5196.	1.0	4
29	Selective Synthesis of Fullerene Derivatives with Terminal Alkyne and Crown Ether Addends. <i>Journal of Organic Chemistry</i> , 2012, 77, 2456-2462.	1.7	16
30	Preparation of a 12-Membered Open-Cage Fullerenone through Silane/Borane-Promoted Formation of Ketal Moieties and Oxidation of a Vicinal Fullerenediol. <i>Journal of Organic Chemistry</i> , 2011, 76, 6743-6748.	1.7	8
31	Assembly of Janus fullerene: a novel approach to prepare rich carbon structures. <i>Journal of Materials Chemistry</i> , 2011, 21, 14864.	6.7	13
32	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
33	Facile Synthesis of Isomerically Pure Fullerenols and Formation of Spherical Aggregates from $C_{60}(OH)_8$. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5293-5295.	7.2	75
34	Efficient Cage-Opening Cascade Process for the Preparation of Water-Encapsulated [60]Fullerene Derivatives. <i>Organic Letters</i> , 2009, 11, 2772-2774.	2.4	44
35	Synthesis, Characterization, and Crystal Growth of $Cs_2Hg_3I_8$: A New Second-Order Nonlinear Optical Material. <i>Crystal Growth and Design</i> , 2008, 8, 2946-2949.	1.4	52