

Dengqing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

475
citations

933447

10
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Light-Harvesting Metallacycle System with Sequential Energy Transfer for Photochemical Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 1313-1317.	13.7	112
2	Highly selective colorimetric sensor for cysteine and homocysteine based on azo derivatives. <i>Tetrahedron Letters</i> , 2006, 47, 7093-7096.	1.4	91
3	Highly selective and sensitive colorimetric probe for hydrogen sulfide by a copper (II) complex of azo-dye based on chemosensing ensemble approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 90, 35-39.	3.9	70
4	Fluorination of the tetraphenylethene core: synthesis, aggregation-induced emission, reversible mechanofluorochromism and thermofluorochromism of fluorinated tetraphenylethene derivatives. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3306-3314.	5.5	37
5	Highly selective and sensitive colorimetric probes for hypochlorite anion based on azo derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 397-401.	3.9	31
6	Photoreversible [2] Catenane via the Host-Guest Interactions between a Palladium Metallacycle and β -Cyclodextrin. <i>Inorganic Chemistry</i> , 2015, 54, 11807-11812.	4.0	26
7	One-pot synthesis of conjugated microporous polymers based on extended molecular graphenes for hydrogen storage. <i>Polymer</i> , 2019, 174, 96-100.	3.8	19
8	Size-Selective Recognition by a Tubular Assembly of Phenylene-Pyrimidinylene Alternated Macrocycle through Hydrogen-Bonding Interactions. <i>Langmuir</i> , 2015, 31, 10649-10655.	3.5	14
9	Hydrogen-bond-driven supramolecular self-assembly of diacetylene derivatives for topochemical polymerization in solution. <i>Polymer Chemistry</i> , 2020, 11, 1947-1953.	3.9	13
10	Tunable luminescence of cyclometallated platinum(II) derivatives based on novel pyrimidine-contained tridentate Pt(N ⁻ C ⁺ N)Cl complexes. <i>Dyes and Pigments</i> , 2017, 141, 188-194.	3.7	11
11	Palladium-catalyzed borylation of m-dibromobenzene derivative and its applications in one-pot tandem Suzuki-Miyaura arenes synthesis. <i>Tetrahedron</i> , 2015, 71, 8871-8875.	1.9	10
12	Reversible transformation of self-assemblies and fluorescence by protonation-deprotonation in pyrimidinylene-phenylene macrocycles. <i>Chemical Communications</i> , 2016, 52, 4357-4360.	4.1	8
13	Post-assembly polymerization of discrete organoplatinum(II) metallacycles via dimerization of coumarin pendants. <i>Dyes and Pigments</i> , 2018, 152, 43-48.	3.7	7
14	AIE-active shape-persistent macrocycles for the efficient discrimination of toluene. <i>Dyes and Pigments</i> , 2020, 181, 108612.	3.7	7
15	Synthesis and characterization of pyrimidine-containing hexaarylbenzene derivatives. <i>RSC Advances</i> , 2015, 5, 99688-99696.	3.6	5
16	Synthesis, characterization and self-assembly of pyridyl-appended Gemini-shaped hexabenzocoronene amphiphiles. <i>Dyes and Pigments</i> , 2019, 163, 553-558.	3.7	4
17	Synthesis and photophysical properties of square and triangular organoplatinum (II) metallacycles. <i>Dyes and Pigments</i> , 2016, 127, 128-132.	3.7	3
18	Hexabenzocoronene Graphitic Nanocoils Appended with Crown Ethers: Supramolecular Chirality Induced by Host-Guest Interaction. <i>Chemistry - A European Journal</i> , 2019, 25, 16692-16698.	3.3	3

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19	Trichlorido[4-methoxy-2,6-bis(2-pyrimidin-2-yl- <i>N</i>)phenyl- <i>C</i> ¹]platinum(IV) acetonitrile monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1210-m1211.	0.2	2
20	Construction and luminescence property of a highly ordered 2D self-assembled amphiphilic bidentate organoplatinum(<i>ii</i>) complex. <i>RSC Advances</i> , 2016, 6, 27360-27369.	3.6	2