

Jifu Sun

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,481
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

3393
citing authors

#	ARTICLE	IF	CITATIONS
1	Triplet photosensitizers: from molecular design to applications. <i>Chemical Society Reviews</i> , 2013, 42, 5323.	38.1	1,234
2	Highly Emissive Self-Assembled BODIPY-Platinum Supramolecular Triangles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7730-7736.	13.7	213
3	Transition metal complexes with strong absorption of visible light and long-lived triplet excited states: from molecular design to applications. <i>RSC Advances</i> , 2012, 2, 1712-1728.	3.6	176
4	Efficient Enhancement of the Visible-Light Absorption of Cyclometalated Ir(III) Complexes Triplet Photosensitizers with Bodipy and Applications in Photooxidation and Triplet-Triplet Annihilation Upconversion. <i>Inorganic Chemistry</i> , 2013, 52, 6299-6310.	4.0	128
5	Visible-light harvesting iridium complexes as singlet oxygen sensitizers for photooxidation of 1,5-dihydroxynaphthalene. <i>Chemical Communications</i> , 2012, 48, 4169.	4.1	121
6	An AIEE fluorescent supramolecular cross-linked polymer network based on pillar[5]arene host-guest recognition: construction and application in explosive detection. <i>Chemical Communications</i> , 2018, 54, 4866-4869.	4.1	107
7	Observation of the room temperature phosphorescence of Bodipy in visible light-harvesting Ru(ii) polyimine complexes and application as triplet photosensitizers for triplet-triplet annihilation upconversion and photocatalytic oxidation. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4577.	5.5	105
8	Visible-Light Harvesting with Cyclometalated Iridium(III) Complexes Having Long-Lived $>3</math> IL Excited States and Their Application in Triplet-Triplet Annihilation Based Upconversion. European Journal of Inorganic Chemistry, 2011, 2011, 3165-3173.$	2.0	103
9	Pillar[6]arene/acridine orange host-guest complexes as colorimetric and fluorescence sensors for choline compounds and further application in monitoring enzymatic reactions. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1430-1435.	7.8	68
10	Red-light excitable fluorescent platinum(ii) bis(aryleneethynylene) bis(trialkylphosphine) complexes showing long-lived triplet excited states as triplet photosensitizers for triplet-triplet annihilation upconversion. <i>Journal of Materials Chemistry C</i> , 2013, 1, 705-716.	5.5	61
11	Observation of the long-lived triplet excited state of perylenebisimide (PBI) in C ^N cyclometalated Ir(iii) complexes and application in photocatalytic oxidation. <i>Dalton Transactions</i> , 2013, 42, 9595.	3.3	44
12	Acid/Base-Controllable FRET and Self-Assembling Systems Fabricated by Rhodamine B Functionalized Pillar[5]arene-Based Host-Guest Recognition Motifs. <i>Organic Letters</i> , 2018, 20, 365-368.	4.6	38
13	Barium cation-responsive supra-amphiphile constructed by a new twisted cucurbit[15]uril/paraquat recognition motif in water. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1940-1944.	4.5	24
14	Efficient enhancement of fluorescence emission via TPE functionalized cationic pillar[5]arene-based host-guest recognition-mediated supramolecular self-assembly. <i>Tetrahedron Letters</i> , 2018, 59, 147-150.	1.4	21
15	Fluorescence quenched and boosted by a-PET effect and host-guest complexation respectively in BODIPY-functionalized pillar[5]arene. <i>Dyes and Pigments</i> , 2021, 188, 109163.	3.7	12
16	Weakened Triplet-Triplet Annihilation of Diiodo-BODIPY Moieties without Influence on Their Intrinsic Triplet Lifetimes in Diiodo-BODIPY-Functionalized Pillar[5]arenes. <i>Journal of Physical Chemistry A</i> , 2021, 125, 2344-2355.	2.5	8
17	Highly Selective Synergistic N-Alkylation of Amines with ROH Catalyzed by Nickel-Ruthenium. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8342-8349.	6.7	8
18	Host-guest interactions of a twisted cucurbit[15]uril with paraquat derivatives and bispyridinium salts. <i>Tetrahedron Letters</i> , 2019, 60, 151022.	1.4	4

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19	α -PET and Weakened Triplet-Triplet Annihilation Self-Quenching Effects in Benzo-21-Crown-7-Functionalized Diiodo-BODIPY. ACS Omega, 2021, 6, 28356-28365.	3.5	3
20	Förster and Dexter energy transfer boosted and weakened respectively by host-guest complexations between cyano-containing perylene diimide and BODIPY/diiodo-BODIPY functionalized pillar[5]arenes. Dyes and Pigments, 2022, 202, 110297.	3.7	2