Jifu Sun

List of Publications by Year in descending order

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	FÃ¶rster and Dexter energy transfer boosted and weakened respectively by hostâ^'guest complexations between cyano-containing perylene diimide and BODIPY/diiodo-BODIPY functionalized pillar[5]arenes. Dyes and Pigments, 2022, 202, 110297.	3.7	2
2	Highly Selective Synergistic N-Alkylation of Amines with ROH Catalyzed by Nickelâ€"Ruthenium. ACS Sustainable Chemistry and Engineering, 2022, 10, 8342-8349.	6.7	8
3	Weakened Tripletâ€"Triplet Annihilation of Diiodo-BODIPY Moieties without Influence on Their Intrinsic Triplet Lifetimes in Diiodo-BODIPY-Functionalized Pillar[5]arenes. Journal of Physical Chemistry A, 2021, 125, 2344-2355.	2.5	8
4	Fluorescence quenched and boosted by a-PET effect and hostâ^'guest complexation respectively in BODIPY-functionalized pillar[5]arene. Dyes and Pigments, 2021, 188, 109163.	3.7	12
5	a-PET and Weakened Tripletâ€"Triplet Annihilation Self-Quenching Effects in Benzo-21-Crown-7-Functionalized Diiodo-BODIPY. ACS Omega, 2021, 6, 28356-28365.	3.5	3
6	Hostâ€"guest interactions of a twisted cucurbit[15]uril with paraquat derivatives and bispyridinium salts. Tetrahedron Letters, 2019, 60, 151022.	1.4	4
7	An AIEE fluorescent supramolecular cross-linked polymer network based on pillar[5]arene hostâ€"guest recognition: construction and application in explosive detection. Chemical Communications, 2018, 54, 4866-4869.	4.1	107
8	Acid/Base-Controllable FRET and Self-Assembling Systems Fabricated by Rhodamine B Functionalized Pillar[5]arene-Based Hostâ€"Guest Recognition Motifs. Organic Letters, 2018, 20, 365-368.	4.6	38
9	Barium cation-responsive supra-amphiphile constructed by a new twisted cucurbit[15]uril/paraquat recognition motif in water. Organic Chemistry Frontiers, 2018, 5, 1940-1944.	4.5	24
10	Pillar[6]arene/acridine orange hostâ€"guest complexes as colorimetric and fluorescence sensors for choline compounds and further application in monitoring enzymatic reactions. Sensors and Actuators B: Chemical, 2018, 255, 1430-1435.	7.8	68
11	Efficient enhancement of fluorescence emission via TPE functionalized cationic pillar[5]arene-based hostâ€"guest recognition-mediated supramolecular self-assembly. Tetrahedron Letters, 2018, 59, 147-150.	1.4	21
12	Highly Emissive Self-Assembled BODIPY-Platinum Supramolecular Triangles. Journal of the American Chemical Society, 2018, 140, 7730-7736.	13.7	213
13	Efficient Enhancement of the Visible-Light Absorption of Cyclometalated Ir(III) Complexes Triplet Photosensitizers with Bodipy and Applications in Photooxidation and Tripletâ€"Triplet Annihilation Upconversion. Inorganic Chemistry, 2013, 52, 6299-6310.	4.0	128
14	Triplet photosensitizers: from molecular design to applications. Chemical Society Reviews, 2013, 42, 5323.	38.1	1,234
15	Observation of the long-lived triplet excited state of perylenebisimide (PBI) in C^N cyclometalated Ir(iii) complexes and application in photocatalytic oxidation. Dalton Transactions, 2013, 42, 9595.	3.3	44
16	Observation of the room temperature phosphorescence of Bodipy in visible light-harvesting Ru(ii) polyimine complexes and application as triplet photosensitizers for tripletâ€"triplet-annihilation upconversion and photocatalytic oxidation. Journal of Materials Chemistry C, 2013, 1, 4577.	5.5	105
17	Red-light excitable fluorescent platinum(ii) bis(aryleneethynylene) bis(trialkylphosphine) complexes showing long-lived triplet excited states as triplet photosensitizers for tripletâ€"triplet annihilation upconversion. Journal of Materials Chemistry C, 2013, 1, 705-716.	5.5	61
18	Transition metal complexes with strong absorption of visible light and long-lived triplet excited states: from molecular design to applications. RSC Advances, 2012, 2, 1712-1728.	3.6	176

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19	Visible-light harvesting iridium complexes as singlet oxygen sensitizers for photooxidation of 1,5-dihydroxynaphthalene. Chemical Communications, 2012, 48, 4169.	4.1	121
20	Visibleâ€Light Harvesting with Cyclometalated Iridium(III) Complexes Having Longâ€Lived ³IL Excited States and Their Application in Tripletâ€“Tripletâ€Annihilation Based Upconversion. European Journal of Inorganic Chemistry, 2011, 2011, 3165-3173.	2.0	103