

Anushri Rananaware

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11225053/publications.pdf>

Version: 2024-02-01

20
papers

652
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	Aza-crown ether-core substituted naphthalene diimide fluorescence "return-on" probe for selective detection of Ca ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 854-860.	7.8	23
2	Fabrication of a TiO ₂ @porphyrin nanofiber hybrid material: a highly efficient photocatalyst under simulated sunlight irradiation. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2017, 8, 015009.	1.5	14
3	An H-shaped, small molecular non-fullerene acceptor for efficient organic solar cells with an impressive open-circuit voltage of 1.17 V. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1600-1606.	5.9	30
4	Synthesis of a Tetraphenylethene-Substituted Tetrapyrдинium Salt with Multifunctionality: Mechanochromism, Cancer Cell Imaging, and DNA Marking. <i>Australian Journal of Chemistry</i> , 2017, 70, 652.	0.9	18
5	Cyanopyridone flanked the tetraphenylethylene to generate an efficient, three-dimensional small molecule non-fullerene electron acceptor. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2511-2518.	5.9	25
6	Photomodulation of fluoride ion binding through anion-π interactions using a photoswitchable azobenzene system. <i>Scientific Reports</i> , 2016, 6, 22928.	3.3	34
7	A four-directional non-fullerene acceptor based on tetraphenylethylene and diketopyrrolopyrrole functionalities for efficient photovoltaic devices with a high open-circuit voltage of 1.18 V. <i>Chemical Communications</i> , 2016, 52, 8522-8525.	4.1	65
8	Nanostructured charge transfer complex of CuTCNQF ₄ for efficient photo-removal of hexavalent chromium. <i>RSC Advances</i> , 2016, 6, 33931-33936.	3.6	34
9	Highly Fluorescent Metal-Organic Framework for the Sensing of Volatile Organic Compounds. <i>Crystal Growth and Design</i> , 2016, 16, 3067-3071.	3.0	81
10	Well-dispersed assembled porphyrin nanorods on graphene for the enhanced photocatalytic performance. <i>ChemistrySelect</i> , 2016, 1, 4430-4434.	1.5	31
11	Insertion of a naphthalenediimide unit in a metal-free donor-acceptor organic sensitizer for efficiency enhancement of a dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2016, 134, 83-90.	3.7	21
12	Construction of a highly efficient near-IR solid emitter based on naphthalene diimide with AIE-active tetraphenylethene periphery. <i>RSC Advances</i> , 2016, 6, 16250-16255.	3.6	24
13	Tetraphenylethene-Based Star Shaped Porphyrins: Synthesis, Self-assembly, and Optical and Photophysical Study. <i>Journal of Organic Chemistry</i> , 2015, 80, 3832-3840.	3.2	53
14	Solvophobic control aggregation-induced emission of tetraphenylethene-substituted naphthalene diimide via intramolecular charge transfer. <i>RSC Advances</i> , 2015, 5, 63130-63134.	3.6	25
15	Aggregation-induced emission of a star-shape luminogen based on cyclohexanehexone substituted with AIE active tetraphenylethene functionality. <i>RSC Advances</i> , 2015, 5, 56270-56273.	3.6	27
16	Crowning of dibenzosilole with a naphthalenediimide functional group to prepare an electron acceptor for organic solar cells. <i>Dyes and Pigments</i> , 2015, 120, 314-321.	3.7	12
17	Clathrate directed assembly of tetrapyrдинyl-tetraphenylethylene metal-organic frameworks. <i>RSC Advances</i> , 2015, 5, 84134-84141.	3.6	20
18	Improvement of optoelectronic and photovoltaic properties through the insertion of a naphthalenediimide unit in donor-acceptor oligothiophenes. <i>RSC Advances</i> , 2015, 5, 4411-4415.	3.6	14

#	ARTICLE	IF	CITATIONS
19	Precise aggregation-induced emission enhancement via H ⁺ sensing and its use in ratiometric detection of intracellular pH values. RSC Advances, 2014, 4, 59078-59082.	3.6	38
20	A non-fullerene electron acceptor based on fluorene and diketopyrrolopyrrole building blocks for solution-processable organic solar cells with an impressive open-circuit voltage. Physical Chemistry Chemical Physics, 2014, 16, 23837-23842.	2.8	63