Anushri Rananaware

List of Publications by Year
in descending order

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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	Highly Fluorescent Metalâ€“Organic Framework for the Sensing of Volatile Organic Compounds. Crystal Growth and Design, 2016, 16, 3067-3071.	3.0	81
2	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. Chemical Communications, 2016, 52, 8522-8525.	4.1	65
3	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
4	Tetraphenylethene-Based Star Shaped Porphyrins: Synthesis, Self-assembly, and Optical and Photophysical Study. Journal of Organic Chemistry, 2015, 80, 3832-3840.	3.2	53
5	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
6	Photomodulation of fluoride ion binding through anion-Ï€ interactions using a photoswitchable azobenzene system. Scientific Reports, 2016, 6, 22928.	3.3	34
7	Nanostructured charge transfer complex of CuTCNQF₄ for efficient photo-removal of hexavalent chromium. RSC Advances, 2016, 6, 33931-33936.	3.6	34
8	Wellâ€“dispersed assembled porphyrin nanorods on graphene for the enhanced photocatalytic performance. ChemistrySelect, 2016, 1, 4430-4434.	1.5	31
9	An H-shaped, small molecular non-fullerene acceptor for efficient organic solar cells with an impressive open-circuit voltage of 1.17 V. Materials Chemistry Frontiers, 2017, 1, 1600-1606.	5.9	30
10	Aggregation-induced emission of a star-shape luminogen based on cyclohexanehexone substituted with AIE active tetraphenylethene functionality. RSC Advances, 2015, 5, 56270-56273.	3.6	27
11	Solvophobic control aggregation-induced emission of tetraphenylethene-substituted naphthalene diimide via intramolecular charge transfer. RSC Advances, 2015, 5, 63130-63134.	3.6	25
12	Cyanopyridone flanked the tetraphenylethylene to generate an efficient, three-dimensional small molecule non-fullerene electron acceptor. Materials Chemistry Frontiers, 2017, 1, 2511-2518.	5.9	25
13	Construction of a highly efficient near-IR solid emitter based on naphthalene diimide with AIE-active tetraphenylethene periphery. RSC Advances, 2016, 6, 16250-16255.	3.6	24
14	Aza-crown ether-core substituted naphthalene diimide fluorescence â€œturn-onâ€•probe for selective detection of Ca2+. Sensors and Actuators B: Chemical, 2017, 244, 854-860.	7.8	23
15	Insertion of a naphthalenediimide unit in a metal-free donorâ€“acceptor organic sensitizer for efficiency enhancement of a dye-sensitized solar cell. Dyes and Pigments, 2016, 134, 83-90.	3.7	21
16	Clathrate directed assembly of tetrapyridyl-tetraphenylethylene metalâ€“organic frameworks. RSC Advances, 2015, 5, 84134-84141.	3.6	20
17	Synthesis of a Tetraphenylethene-Substituted Tetrapyridinium Salt with Multifunctionality: Mechanochromism, Cancer Cell Imaging, and DNA Marking. Australian Journal of Chemistry, 2017, 70, 652.	0.9	18
18	Improvement of optoelectronic and photovoltaic properties through the insertion of a naphthalenediimide unit in donorâ€“acceptor oligothiophenes. RSC Advances, 2015, 5, 4411-4415.	3.6	14

#	Article	IF	Citations
19	Fabrication of a TiO ₂ @porphyrin nanofiber hybrid material: a highly efficient photocatalyst under simulated sunlight irradiation. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2017, 8, 015009.	1.5	14
20	Crowning of dibenzosilole with a naphthalenediimide functional group to prepare an electron acceptor for organic solar cells. Dyes and Pigments, 2015, 120, 314-321.	3.7	12