Bapan Pramanik

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6635314/publications.pdf

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23	500	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	530
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogelation of a Naphthalene Diimide Appended Peptide Amphiphile and Its Application in Cell Imaging and Intracellular pH Sensing. Biomacromolecules, 2017, 18, 3630-3641.	5.4	42
2	Aggregation-Induced Emission or Hydrolysis by Water? The Case of Schiff Bases in Aqueous Organic Solvents. Journal of Physical Chemistry C, 2018, 122, 3655-3661.	3.1	42
3	Sol-, Gel-, and Paper-Based Detection of Picric Acid at Femtogram Level by a Short Peptide Gelator. ACS Applied Polymer Materials, 2019, 1, 833-843.	4.4	41
4	Solvent Assisted Tuning of Morphology of a Peptide-Perylenediimide Conjugate: Helical Fibers to Nano-Rings and their Differential Semiconductivity. Scientific Reports, 2017, 7, 9485.	3.3	38
5	Unusual confinement properties of a water insoluble small peptide hydrogel. Chemical Science, 2019, 10, 5920-5928.	7.4	38
6	Unorthodox Combination of Cationâ^Ï€ and Charge-Transfer Interactions within a Donorâ€“Acceptor Pair. Langmuir, 2019, 35, 478-488.	3.5	31
7	pH clock instructed transient supramolecular peptide amphiphile and its vesicular assembly. Chemical Communications, 2019, 55, 14119-14122.	4.1	30
8	Light-triggered syneresis of a water insoluble peptide-hydrogel effectively removes small molecule waste contaminants. Chemical Communications, 2020, 56, 3393-3396.	4.1	29
9	Ultrafast, Highly Sensitive, and Selective Detection of p-Xylene at Room Temperature by Peptide-Hydrogel-Based Composite Material. ACS Applied Polymer Materials, 2019, 1, 2267-2272.	4.4	25
10	Redox controlled reversible transformation of a supramolecular alternating copolymer to a radical cation containing homo-polymer. Polymer Chemistry, 2016, 7, 4393-4401.	3.9	24
11	A Viologenâ€“Perylenediimide Conjugate as an Efficient Base Sensor with Solvatochromic Property. ChemPhysChem, 2017, 18, 245-252.	2.1	20
12	Solvent Directed Morphogenesis and Electrical Properties of a Peptideâ€“Perylenediimide Conjugate. Langmuir, 2018, 34, 8355-8364.	3.5	18
13	Smart Thixotropic Hydrogels by Disulfide-Linked Short Peptides for Effective Three-Dimensional Cell Proliferation. Langmuir, 2020, 36, 15450-15462.	3.5	17
14	Multiple Cross-Linking of a Small Peptide to Form a Size Tunable Biopolymer with Efficient Cell Adhesion and Proliferation Property. Biomacromolecules, 2018, 19, 3994-4002.	5.4	16
15	Freeze the dynamicity: charge transfer complexation assisted control over the reaction pathway. Chemical Science, 2019, 10, 10035-10039.	7.4	16
16	Aggregationâ€directed High Fidelity Sensing of Picric Acid by a Perylenediimideâ€based Luminogen. Chemistry - an Asian Journal, 2020, 15, 4291-4296.	3.3	13
17	Selfâ€Aggregation of a Naphthaleneâ€Monoimide Amphiphile and Its Chargeâ€Transferâ€Complex Driven Morphogenesis in Water. ChemNanoMat, 2018, 4, 867-873.	2.8	12
18	Crosslinker-free collagen gelation for corneal regeneration. Scientific Reports, 2022, 12, .	3.3	12

#	Article	IF	Citations
19	Self-Assembly Assisted Tandem Sensing of Pd²⁺and CN^{â^'}by a Perylenediimide-Peptide Conjugate. ChemistrySelect, 2017, 2, 10061-10066.	1.5	10
20	DNA-Induced Novel Optical Features of Ethyl Viologen-Tethered Perylenediimide Triad. Journal of Physical Chemistry C, 2018, 122, 18061-18069.	3.1	8
21	pH and secondary structure instructed aggregation to a thixotropic hydrogel by a peptide amphiphile. Bulletin of Materials Science, 2020, 43, 1.	1.7	7
22	Dynamic Surface Layer Coiled Coil Proteins Processing Analog-to-Digital Information. Journal of the American Chemical Society, 2021, 143, 17441-17451.	13.7	6
23	A DNA-NDI Hybrid to Efficiently Detect Histone in Parts per Trillion (ppt) Level. ChemistrySelect, 2017, 2, 8911-8916.	1.5	5