

Bapan Pramanik

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

500
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

530
citing authors

#	ARTICLE	IF	CITATIONS
1	Crosslinker-free collagen gelation for corneal regeneration. <i>Scientific Reports</i> , 2022, 12, .	3.3	12
2	Dynamic Surface Layer Coiled Coil Proteins Processing Analog-to-Digital Information. <i>Journal of the American Chemical Society</i> , 2021, 143, 17441-17451.	13.7	6
3	Smart Thixotropic Hydrogels by Disulfide-Linked Short Peptides for Effective Three-Dimensional Cell Proliferation. <i>Langmuir</i> , 2020, 36, 15450-15462.	3.5	17
4	Aggregation-directed High Fidelity Sensing of Picric Acid by a Perylenediimide-based Luminogen. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4291-4296.	3.3	13
5	Light-triggered syneresis of a water insoluble peptide-hydrogel effectively removes small molecule waste contaminants. <i>Chemical Communications</i> , 2020, 56, 3393-3396.	4.1	29
6	pH and secondary structure instructed aggregation to a thixotropic hydrogel by a peptide amphiphile. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	7
7	Ultrafast, Highly Sensitive, and Selective Detection of <i>p</i> -Xylene at Room Temperature by Peptide-Hydrogel-Based Composite Material. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2267-2272.	4.4	25
8	Freeze the dynamicity: charge transfer complexation assisted control over the reaction pathway. <i>Chemical Science</i> , 2019, 10, 10035-10039.	7.4	16
9	Unusual confinement properties of a water insoluble small peptide hydrogel. <i>Chemical Science</i> , 2019, 10, 5920-5928.	7.4	38
10	Sol-, Gel-, and Paper-Based Detection of Picric Acid at Femtogram Level by a Short Peptide Gelator. <i>ACS Applied Polymer Materials</i> , 2019, 1, 833-843.	4.4	41
11	pH clock instructed transient supramolecular peptide amphiphile and its vesicular assembly. <i>Chemical Communications</i> , 2019, 55, 14119-14122.	4.1	30
12	Unorthodox Combination of Cation- π and Charge-Transfer Interactions within a Donor-Acceptor Pair. <i>Langmuir</i> , 2019, 35, 478-488.	3.5	31
13	Aggregation-Induced Emission or Hydrolysis by Water? The Case of Schiff Bases in Aqueous Organic Solvents. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3655-3661.	3.1	42
14	Solvent Directed Morphogenesis and Electrical Properties of a Peptide-Perylenediimide Conjugate. <i>Langmuir</i> , 2018, 34, 8355-8364.	3.5	18
15	DNA-Induced Novel Optical Features of Ethyl Viologen-Tethered Perylenediimide Triad. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18061-18069.	3.1	8
16	Multiple Cross-Linking of a Small Peptide to Form a Size Tunable Biopolymer with Efficient Cell Adhesion and Proliferation Property. <i>Biomacromolecules</i> , 2018, 19, 3994-4002.	5.4	16
17	Self-Aggregation of a Naphthalene-Monoimide Amphiphile and Its Charge-Transfer-Complex Driven Morphogenesis in Water. <i>ChemNanoMat</i> , 2018, 4, 867-873.	2.8	12
18	A DNA-NDI Hybrid to Efficiently Detect Histone in Parts per Trillion (ppt) Level. <i>ChemistrySelect</i> , 2017, 2, 8911-8916.	1.5	5

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19	Self-Assembly Assisted Tandem Sensing of Pd ²⁺ and CN ⁻ by a Perylenediimide-Peptide Conjugate. <i>ChemistrySelect</i> , 2017, 2, 10061-10066.	1.5	10
20	Solvent Assisted Tuning of Morphology of a Peptide-Perylenediimide Conjugate: Helical Fibers to Nano-Rings and their Differential Semiconductivity. <i>Scientific Reports</i> , 2017, 7, 9485.	3.3	38
21	Hydrogelation of a Naphthalene Diimide Appended Peptide Amphiphile and Its Application in Cell Imaging and Intracellular pH Sensing. <i>Biomacromolecules</i> , 2017, 18, 3630-3641.	5.4	42
22	A Viologen-Perylenediimide Conjugate as an Efficient Base Sensor with Solvatochromic Property. <i>ChemPhysChem</i> , 2017, 18, 245-252.	2.1	20
23	Redox controlled reversible transformation of a supramolecular alternating copolymer to a radical cation containing homo-polymer. <i>Polymer Chemistry</i> , 2016, 7, 4393-4401.	3.9	24