

Debasish Podder

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

129
citations

1307594

7
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid-responsive fibrillation and urease-assisted defibrillation of phenylalanine: a transient supramolecular hydrogel. <i>Soft Matter</i> , 2020, 16, 10115-10121.	2.7	19
2	Topology-Controlled Selective Fe ³⁺ Binding in Water by β -Peptides with a Dihydropyrimidinone-Containing Amino Acid. <i>Crystal Growth and Design</i> , 2020, 20, 1760-1770.	3.0	3
3	A Robust Tripeptide for In-Field Selective Naked Eye Ultratrace Detection of 2,4,6-Trinitrophenol. <i>Crystal Growth and Design</i> , 2020, 20, 1884-1890.	3.0	11
4	Conformational Heterogeneity and Self-Assembly of β , β , β -Hybrid Peptides Containing Fenamic Acid: Multistimuli-Responsive Phase-Selective Gelation. <i>ACS Omega</i> , 2020, 5, 2287-2294.	3.5	4
5	Urea-Appended Amino Acid To Vitalize Yeast Growth, Enhance Fermentation, and Promote Ethanol Production. <i>ACS Omega</i> , 2019, 4, 13172-13179.	3.5	4
6	Pentapeptide Nanoreactor as a Platform for Halogenations, Diels-Alder Reaction, and Morita-Baylis-Hillman Reaction. <i>ACS Omega</i> , 2019, 4, 13872-13878.	3.5	3
7	Assembly-Induced Diverse Optical Property of 4-Biphenylcarboxy-Protected Serine and Tyrosine. <i>ChemistrySelect</i> , 2019, 4, 10302-10306.	1.5	1
8	Tripeptide based super-organogelators: structure and function. <i>New Journal of Chemistry</i> , 2019, 43, 3743-3749.	2.8	22
9	Bromine-bromine interactions enhanced plasticity for the bending of a single crystal without affecting fluorescent properties. <i>CrystEngComm</i> , 2019, 21, 589-593.	2.6	9
10	Synergistic Tricolor Emission-Based White Light from Supramolecular Organic-Inorganic Hybrid Gel. <i>Langmuir</i> , 2019, 35, 6453-6459.	3.5	11
11	A Supramolecular Gel to Reduce Tool Wear and Protect Surfaces during Metalworking. <i>ChemistrySelect</i> , 2019, 4, 2949-2953.	1.5	0
12	Potential Antileishmanial Activity of a Triazole-Based Hybrid Peptide against <i>Leishmania major</i> . <i>ChemistrySelect</i> , 2018, 3, 10220-10225.	1.5	14
13	β , μ -Hybrid Peptide Foldamers: Self-Assembly of Peptide with Trans Carbon-Carbon Double Bonds in the Backbone and Its Saturated Analogue. <i>ACS Omega</i> , 2018, 3, 8760-8768.	3.5	6
14	Synthesis and structural investigation of 2-aminomethyl-3-(4-methoxy-phenyl)-propionic acid containing a peptide analogue of the amyloidogenic AS(6-7) sequence: inhibition of fibril formation. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4218-4225.	2.8	7
15	Formation of toroids by self-assembly of an α -corner mimetic: supramolecular cyclization. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7583-7590.	5.8	9
16	Solvent Assisted Room Temperature Synthesis of Magnetically Retrievable and Reusable Dipeptide Stabilized Nanocrystals for Suzuki-Miyaura Cross-Coupling. <i>Macromolecular Symposia</i> , 2016, 369, 67-73.	0.7	3
17	Supramolecular tryptophan-zipper forms a tripeptide as a regular proton transporter. <i>CrystEngComm</i> , 2016, 18, 4109-4114.	2.6	3