

Nidhi Gour

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

450
citations

687363

13
h-index

752698

20
g-index

49
all docs

49
docs citations

49
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembling DNA-peptide hybrids: morphological consequences of oligonucleotide grafting to a pathogenic amyloid fibrils forming dipeptide. <i>Chemical Communications</i> , 2012, 48, 5440.	4.1	62
2	Anti-infectious Surfaces Achieved by Polymer Modification. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 648-668.	3.6	50
3	Amyloid-like Structures Formed by Single Amino Acid Self-Assemblies of Cysteine and Methionine. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1230-1239.	3.5	48
4	Synthesis and Aggregation Studies of a Pyridothiazole-Based AIEE Probe and Its Application in Sensing Amyloid Fibrillation. <i>ACS Applied Bio Materials</i> , 2019, 2, 4442-4455.	4.6	31
5	Bending of peptide nanotubes by focused electron and ion beams. <i>Soft Matter</i> , 2009, 5, 1789.	2.7	23
6	Controlling morphology of peptide-based soft structures by covalent modifications. <i>Journal of Peptide Science</i> , 2012, 18, 405-412.	1.4	22
7	Unusual Aggregates Formed by the Self-Assembly of Proline, Hydroxyproline, and Lysine. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3237-3249.	3.5	22
8	Label-free, optical sensing of the supramolecular assembly into fibrils of a ditryptophan-DNA hybrid. <i>Chemical Communications</i> , 2014, 50, 6863-6865.	4.1	20
9	Sequential and cellular detection of copper and lactic acid by disaggregation and reaggregation of the fluorescent panchromatic fibres of an acylthiourea based sensor. <i>Soft Matter</i> , 2021, 17, 4304-4316.	2.7	20
10	Controlled aggregation of peptide-DNA hybrids into amyloid-like fibrils. <i>European Polymer Journal</i> , 2015, 65, 268-275.	5.4	19
11	Synthesis and AFM studies of lectin-carbohydrate self-assemblies. <i>Tetrahedron</i> , 2008, 64, 7331-7337.	1.9	16
12	Mannosylated self-assembled structures for molecular confinement and gene delivery applications. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 503-506.	2.1	15
13	Metabolite assemblies: A surprising extension to the amyloid hypothesis. <i>Current Opinion in Chemical Biology</i> , 2021, 64, 154-164.	6.1	15
14	Synthesis and self-assembly of a neoglycopeptide: morphological studies and ultrasound-mediated DNA encapsulation. <i>Journal of Peptide Science</i> , 2011, 17, 148-153.	1.4	13
15	Formation of DNA-Copolymer Fibrils Through an Amyloid-Like Nucleation Polymerization Mechanism. <i>Macromolecular Rapid Communications</i> , 2015, 36, 768-773.	3.9	13
16	Chemical Perspective of the Mechanism of Action of Anti-amyloidogenic Compounds Using a Minimalistic Peptide as a Reductionist Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2851-2864.	3.5	13
17	Green synthesized nanoparticles: Classification, synthesis, characterization, and applications. <i>Comprehensive Analytical Chemistry</i> , 2021, , 173-222.	1.3	8
18	Nanomaterials as therapeutic and diagnostic tool for controlling plant diseases. <i>Comprehensive Analytical Chemistry</i> , 2019, 84, 225-261.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Self-assembly of a benzothiazolone conjugate into panchromatic fluorescent fibres and their application in cellular imaging. <i>New Journal of Chemistry</i> , 2021, 45, 17211-17221.	2.8	6
20	Controlled aggregation properties of single amino acids modified with protecting groups. <i>New Journal of Chemistry</i> , 2022, 46, 4746-4755.	2.8	5
21	A new aggregation induced emission enhancement (AIEE) dye which self-assembles to panchromatic fluorescent flowers and has application in sensing dichromate ions. <i>Soft Matter</i> , 2022, 18, 3019-3030.	2.7	5