

Paramita Das

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

627
citations

932766

10
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Nacre-mimetics with synthetic nanoclays up to ultrahigh aspect ratios. <i>Nature Communications</i> , 2015, 6, 5967.	5.8	252
2	Facile Access to Large-Scale, Self-Assembled, Nacre-Inspired, High-Performance Materials with Tunable Nanoscale Periodicities. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3738-3747.	4.0	121
3	Ionic supramolecular bonds preserve mechanical properties and enable synergetic performance at high humidity in water-borne, self-assembled nacre-mimetics. <i>Nanoscale</i> , 2013, 5, 9348.	2.8	62
4	Hydration and Dynamic State of Nanoconfined Polymer Layers Govern Toughness in Nacre-mimetic Nanocomposites. <i>Advanced Materials</i> , 2013, 25, 5055-5059.	11.1	57
5	Large-scale, thick, self-assembled, nacre-mimetic brick-walls as fire barrier coatings on textiles. <i>Scientific Reports</i> , 2017, 7, 39910.	1.6	36
6	Mussel-Inspired Dual-Superlyophobic Biomass Membranes for Selective Oil/Water Separation. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901756.	1.9	25
7	Flexible Bioinspired Ternary Nanocomposites Based on Carboxymethyl Cellulose/Nanoclay/Graphene Oxide. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1505-1513.	2.0	21
8	Hierarchical Graphene/Metal-Organic Framework Composites with Tailored Wettability for Separation of Immiscible Liquids. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35563-35571.	4.0	16
9	A Versatile Synthesis Platform To Prepare Uniform, Highly Functional Microgels via Click-Type Functionalization of Latex Particles. <i>Macromolecules</i> , 2014, 47, 2257-2267.	2.2	14
10	Synthesis, dissolution, and regeneration of silver nanoparticles stabilized by tannic acid in aqueous solution. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	12
11	Chemical processing of interfacially assembled metal nanowires for surface-enhanced Raman scattering detection of food contaminants. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 532-540.	1.2	5
12	Polydopamine-Mediated Superlyophobic Polysiloxane Coating of Porous Substrates for Efficient Separation of Immiscible Liquids. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000428.	1.9	4
13	Flexible Bioelectronics: Blending Electronics with the Human Body: A Pathway toward a Cybernetic Future (<i>Adv. Sci.</i> 10/2018). <i>Advanced Science</i> , 2018, 5, 1870059.	5.6	1
14	Mechanical properties of polymer/graphene composites. , 2022, , 75-105.		1
15	Nanotechnology for the Remediation of Heavy Metals and Metalloids in Contaminated Water. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 177-209.	0.3	0