Sukhendu Nandi

List of Publications by Year
in descending order

24	898	516710 16	642732 23
papers	citations	h-index	g-index

26	26	26	1476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>d</scp>-Mannitol based surfactants for cosmetic and food applications and hydrogels to produce stabilized Ag nanoparticles. New Journal of Chemistry, 2022, 46, 6193-6200.	2.8	3
2	Biophysical Characterization of Pro-apoptotic BimBH3 Peptides Reveals an Unexpected Capacity for Self-Association. Structure, 2021, 29, 114-124.e3.	3.3	10
3	Novel Class of Isoxazole-Based Gelators for the Separation of Bisphenol A from Water and Cleanup of Oil Spills. ACS Omega, 2020, 5, 8613-8618.	3.5	6
4	Interactions between BIM Protein and Beta-Amyloid May Reveal a Crucial Missing Link between Alzheimerâ€™s Disease and Neuronal Cell Death. ACS Chemical Neuroscience, 2019, 10, 3555-3564.	3.5	21
5	Bacoside-A, an Indian Traditional-Medicine Substance, Inhibits Î²-Amyloid Cytotoxicity, Fibrillation, and Membrane Interactions. ACS Chemical Neuroscience, 2017, 8, 884-891.	3.5	60
6	Carbon-dotâ€“hydrogel for enzyme-mediated bacterial detection. RSC Advances, 2017, 7, 588-594.	3.6	51
7	Bifunctional Carbonâ€Dotâ€WS₂ Nanorods for Photothermal Therapy and Cell Imaging. Chemistry - A European Journal, 2017, 23, 963-969.	3.3	22
8	Detection of Reactive Oxygen Species by a Carbon-Dotâ€“Ascorbic Acid Hydrogel. Analytical Chemistry, 2017, 89, 830-836.	6.5	60
9	Imaging Cancer Cells Expressing the Folate Receptor with Carbon Dots Produced from Folic Acid. ChemBioChem, 2016, 17, 614-619.	2.6	114
10	Pomegranate Juice Polyphenols Induce Macrophage Death via Apoptosis as Opposed to Necrosis Induced by Free Radical Generation: A Central Role for Oxidative Stress. Journal of Cardiovascular Pharmacology, 2016, 68, 106-114.	1.9	13
11	Bacoside-A, an anti-amyloid natural substance, inhibits membrane disruption by the amyloidogenic determinant of prion protein through accelerating fibril formation. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2208-2214.	2.6	18
12	Lipid-Bilayer Dynamics Probed by a Carbon Dot-Phospholipid Conjugate. Biophysical Journal, 2016, 110, 2016-2025.	0.5	31
13	Carbon-Dot/Silver-Nanoparticle Flexible SERS-Active Films. ACS Applied Materials & Interfaces, 2016, 8, 25637-25643.	8.0	68
14	Imaging Pseudomonas aeruginosa Biofilm Extracellular Polymer Scaffolds with Amphiphilic Carbon Dots. ACS Chemical Biology, 2016, 11, 1265-1270.	3.4	43
15	Tuneable light-emitting carbon-dot/polymer flexible films prepared through one-pot synthesis. Nanoscale, 2016, 8, 3400-3406.	5.6	79
16	Bacterial detection with amphiphilic carbon dots. Analyst, The, 2015, 140, 4232-4237.	3.5	103
17	Unilamellar Vesicles from Amphiphilic Graphene Quantum Dots. Chemistry - A European Journal, 2015, 21, 7755-7759.	3.3	16
18	Carbon dots for biological imaging. , 2015, , .		0

#	Article	IF	Citations
19	Toxicity Inhibitors Protect Lipid Membranes from Disruption by Aî²42. ACS Chemical Neuroscience, 2015, 6, 1860-1869.	3.5	28
20	Membrane analysis with amphiphilic carbon dots. Chemical Communications, 2014, 50, 10299-10302.	4.1	84
21	Amphiphiles Based on <scp>d</scp>-Glucose: Efficient Low Molecular Weight Gelators. Organic Letters, 2012, 14, 3826-3829.	4.6	32
22	A Novel Class of Organo- (Hydro-) Gelators Based on Ascorbic Acid. Organic Letters, 2011, 13, 1980-1983.	4.6	13
23	Synthesis and Characterization of Novel Surfactants: Combination Products of Fatty Acids, Hydroxycarboxylic Acids and Alcohols. Journal of Surfactants and Detergents, 2010, 13, 399-407.	2.1	19
24	Biocompatible and optically stable hydrophobic fluorescent carbon dots for isolation and imaging of lipid rafts in model membrane. Analytical and Bioanalytical Chemistry, 0, , .	3.7	3