

Sutapa Barua

List of Publications by Year in descending order

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30
papers

2,742
citations

471371

17
h-index

454834

30
g-index

30
all docs

30
docs citations

30
times ranked

5510
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and purification of glyco glycerolipids to induce apoptosis in breast cancer cells. Scientific Reports, 2021, 11, 1298.	1.6	14
2	The Role of Intrinsic Signaling Pathways in Cell Proliferation. Nano LIFE, 2021, 11, 2030003.	0.6	3
3	Antibody-drug nanoparticle induces synergistic treatment efficacies in HER2 positive breast cancer cells. Scientific Reports, 2021, 11, 7347.	1.6	23
4	Multifunctional Biofilter to Effectively Remove Toxins. ACS Applied Bio Materials, 2021, 4, 731-741.	2.3	2
5	Current technologies to endotoxin detection and removal for biopharmaceutical purification. Biotechnology and Bioengineering, 2020, 117, 2588-2609.	1.7	58
6	PolyRad – Protection Against Free Radical Damage. Scientific Reports, 2020, 10, 8335.	1.6	5
7	PolyBall: A new adsorbent for the efficient removal of endotoxin from biopharmaceuticals. Scientific Reports, 2019, 9, 8867.	1.6	25
8	Microparticles for Suspension Culture of Mammalian Cells. ACS Applied Bio Materials, 2019, 2, 2791-2801.	2.3	16
9	Quantitative Analysis of the Correlation between Cell Size and Cellular Uptake of Particles. Biophysical Journal, 2019, 116, 347-359.	0.2	18
10	Correction in Bicinchoninic Acid (BCA) Absorbance Assay to Analyze Protein Concentration. Nano LIFE, 2018, 08, 1850005.	0.6	5
11	Polymer coated gold-ferric oxide superparamagnetic nanoparticles for theranostic applications. Journal of Nanobiotechnology, 2018, 16, 80.	4.2	50
12	ORAL DRUG DELIVERY SYSTEMS FOR GASTROINTESTINAL CANCER THERAPY. Frontiers in Nanobiomedical Research, 2018, , 187-218.	0.1	1
13	Bioresponsive polymer coated drug nanorods for breast cancer treatment. Nanotechnology, 2017, 28, 045601.	1.3	15
14	Heteromer Nanostars by Spontaneous Self-Assembly. Nanomaterials, 2017, 7, 127.	1.9	3
15	Endotoxin hitchhiking on polymer nanoparticles. Nanotechnology, 2016, 27, 285601.	1.3	17
16	The histone deacetylase inhibitor Entinostat enhances polymer-mediated transgene expression in cancer cell lines. Biotechnology and Bioengineering, 2016, 113, 1345-1356.	1.7	13
17	Challenges associated with penetration of nanoparticles across cell and tissue barriers: A review of current status and future prospects. Nano Today, 2014, 9, 223-243.	6.2	878
18	Synergistic Targeting of Cell Membrane, Cytoplasm, and Nucleus of Cancer Cells Using Rod-Shaped Nanoparticles. ACS Nano, 2013, 7, 9558-9570.	7.3	97

#	ARTICLE	IF	CITATIONS
19	Particle shape enhances specificity of antibody-displaying nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3270-3275.	3.3	456
20	Discovery of Cationic Polymers for Non-Viral Gene Delivery Using Combinatorial Approaches. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 908-924.	0.6	60
21	Inorganic nanoparticles for cancer imaging and therapy. Journal of Controlled Release, 2011, 155, 344-357.	4.8	506
22	Investigation of Microbial Populations in the Extremely Metal-Contaminated Coeur d'Alene River Sediments. Microbial Ecology, 2011, 62, 1-13.	1.4	47
23	Impact of nanopore morphology on cell viability on mesoporous polymer and carbon surfaces. Acta Biomaterialia, 2010, 6, 3035-3043.	4.1	17
24	The influence of mediators of intracellular trafficking on transgene expression efficacy of polymer-plasmid DNA complexes. Biomaterials, 2010, 31, 5894-5902.	5.7	55
25	Lytic peptide-mediated sensitization of TRAIL-resistant prostate cancer cells to death receptor agonists. Cancer Letters, 2010, 293, 240-253.	3.2	12
26	Simultaneous Enhancement of Photothermal Stability and Gene Delivery Efficacy of Gold Nanorods Using Polyelectrolytes. ACS Nano, 2009, 3, 2941-2952.	7.3	158
27	Cancer-Cell-Phenotype-Dependent Differential Intracellular Trafficking of Unconjugated Quantum Dots. Small, 2009, 5, 370-376.	5.2	88
28	Polymer-Enhanced Adenoviral Transduction of CAR-Negative Bladder Cancer Cells. Molecular Pharmaceutics, 2009, 6, 1612-1619.	2.3	32
29	Parallel Synthesis and Screening of Polymers for Nonviral Gene Delivery. Molecular Pharmaceutics, 2009, 6, 86-97.	2.3	55
30	Tuning Stability of Mesoporous Silica Films under Biologically Relevant Conditions through Processing with Supercritical CO ₂ . Langmuir, 2008, 24, 11935-11941.	1.6	13