Debadyuti Ghosh

List of Publications by Year
in descending order

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		623734	888059
17	910	14	17
papers	citations	h-index	g-index

21	21	21	1415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physicochemical properties of mucus and their impact on transmucosal drug delivery. International Journal of Pharmaceutics, 2017, 532, 555-572.	5.2	308
2	Carbon nanotubes as in vivo bacterial probes. Nature Communications, 2014, 5, 4918.	12.8	108
3	Aerosolizable Lipid Nanoparticles for Pulmonary Delivery of mRNA through Design of Experiments. Pharmaceutics, 2020, 12, 1042.	4.5	75
4	Peptides as drug delivery vehicles across biological barriers. Journal of Pharmaceutical Investigation, 2018, 48, 89-111.	5.3	69
5	Aerosolizable siRNA-encapsulated solid lipid nanoparticles prepared by thin-film freeze-drying for potential pulmonary delivery. International Journal of Pharmaceutics, 2021, 596, 120215.	5.2	65
6	Quantification of M13 and T7 bacteriophages by TaqMan and SYBR green qPCR. Journal of Virological Methods, 2018, 252, 100-107.	2.1	37
7	Peptides as surface coatings of nanoparticles that penetrate human cystic fibrosis sputum and uniformly distribute in vivo following pulmonary delivery. Journal of Controlled Release, 2020, 322, 457-469.	9.9	37
8	Manufacturing and ambient stability of shelf freeze dried bacteriophage powder formulations. International Journal of Pharmaceutics, 2018, 542, 1-7.	5.2	36
9	Mucus-penetrating phage-displayed peptides for improved transport across a mucus-like model. International Journal of Pharmaceutics, 2018, 553, 57-64.	5.2	29
10	Controlled loading of albumin-drug conjugates ex vivo for enhanced drug delivery and antitumor efficacy. Journal of Controlled Release, 2020, 328, 1-12.	9.9	28
11	Just how prevalent are peptide therapeutic products? A critical review. International Journal of Pharmaceutics, 2020, 587, 119491.	5.2	28
12	The Stabilizing Excipients in Dry State Therapeutic Phage Formulations. AAPS PharmSciTech, 2020, 21, 133.	3.3	24
13	Intracellular nanoparticle delivery by oncogenic KRAS-mediated macropinocytosis . International Journal of Nanomedicine, 2019, Volume 14, 6589-6600.	6.7	23
14	Electrostatic driven transport enhances penetration of positively charged peptide surfaces through tumor extracellular matrix. Acta Biomaterialia, 2020, 113, 240-251.	8.3	15
15	Identification of peptide coatings that enhance diffusive transport of nanoparticles through the tumor microenvironment. Nanoscale, 2019, 11, 17664-17681.	5.6	10
16	Manufacturing Stable Bacteriophage Powders by Including Buffer System in Formulations and Using Thin Film Freeze-drying Technology. Pharmaceutical Research, 2021, 38, 1793-1804.	3.5	7
17	Quantitative PCR of T7 Bacteriophage from Biopanning. Journal of Visualized Experiments, 2018, , .	0.3	5