Chiranjeevi Peetla

List of Publications by Year
in descending order

16 papers	1,232 citations	687363 13 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	2261 citing authors

#	Article	IF	Citations
1	Inhibition of bone loss with surface-modulated, drug-loaded nanoparticles in an intraosseous model of prostate cancer. Journal of Controlled Release, 2016, 232, 83-92.	9.9	52
2	Sustained Epigenetic Drug Delivery Depletes Cholesterolâ€“Sphingomyelin Rafts from Resistant Breast Cancer Cells, Influencing Biophysical Characteristics of Membrane Lipids. Langmuir, 2015, 31, 11564-11573.	3.5	17
3	Physical and Biophysical Characteristics of Nanoparticles: Potential Impact on Targeted Drug Delivery. Advances in Delivery Science and Technology, 2015, , 649-666.	0.4	1
4	Biomechanics and Thermodynamics of Nanoparticle Interactions with Plasma and Endosomal Membrane Lipids in Cellular Uptake and Endosomal Escape. Langmuir, 2014, 30, 7522-7532.	3.5	48
5	Biophysics of cell membrane lipids in cancer drug resistance: Implications for drug transport and drug delivery with nanoparticles. Advanced Drug Delivery Reviews, 2013, 65, 1686-1698.	13.7	209
6	Selective biophysical interactions of surface modified nanoparticles with cancer cell lipids improve tumor targeting and gene therapy. Cancer Letters, 2013, 334, 228-236.	7.2	28
7	Epigenetic Modulation of the Biophysical Properties of Drug-Resistant Cell Lipids to Restore Drug Transport and Endocytic Functions. Molecular Pharmaceutics, 2012, 9, 2730-2742.	4.6	53
8	THE EFFECT OF RESIDUAL POLY(VINYL ALCOHOL) ON BIOPHYSICAL INTERACTION OF NANOPARTICLES WITH ENDOTHELIAL CELL MODEL MEMBRANE. International Journal of Nanoscience, 2011, 10, 539-545.	0.7	3
9	Drug Resistance in Breast Cancer Cells: Biophysical Characterization of and Doxorubicin Interactions with Membrane Lipids. Molecular Pharmaceutics, 2010, 7, 2334-2348.	4.6	112
10	Chapter 4. Strategies for Intracellular Delivery of Polymer-based Nanosystems. RSC Nanoscience and Nanotechnology, 2010, , 98-113.	0.2	0
11	Biophysical Interactions with Model Lipid Membranes: Applications in Drug Discovery and Drug Delivery. Molecular Pharmaceutics, 2009, 6, 1264-1276.	4.6	412
12	Relevance of Biophysical Interactions of Nanoparticles with a Model Membrane in Predicting Cellular Uptake: Study with TAT Peptide-Conjugated Nanoparticles. Molecular Pharmaceutics, 2009, 6, 1311-1320.	4.6	41
13	Effect of Molecular Structure of Cationic Surfactants on Biophysical Interactions of Surfactant-Modified Nanoparticles with a Model Membrane and Cellular Uptake. Langmuir, 2009, 25, 2369-2377.	3.5	115
14	Biophysical Characterization of Nanoparticleâ^'Endothelial Model Cell Membrane Interactions. Molecular Pharmaceutics, 2008, 5, 418-429.	4.6	88
15	Water Surface Covering of Fluorinated Amphiphilic Triblock Copolymers:Â Surface Pressureâ^'Area and X-ray Reflectivity Investigations. Langmuir, 2007, 23, 6975-6982.	3.5	23
16	Langmuir monolayer and Langmuirâ€“Blodgett films of amphiphilic triblock copolymers with water-soluble middle block. Colloid and Polymer Science, 2006, 285, 27-37.	2.1	30