

Chiranjeevi Peetla

List of Publications by Year in descending order

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