

Usha D Hemraz

List of Publications by Year in descending order

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15
papers

236
citations

1163117

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1125743

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15
all docs

15
docs citations

15
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel biologically-inspired rosette nanotube PLLA scaffolds for improving human mesenchymal stem cell chondrogenic differentiation. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 065003.	3.3	42
2	Tuning cell adhesion on titanium with osteogenic rosette nanotubes. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 550-563.	4.0	39
3	Bioactive Rosette Nanotube-Hydroxyapatite Nanocomposites Improve Osteoblast Functions. <i>Tissue Engineering - Part A</i> , 2012, 18, 1741-1750.	3.1	35
4	Immunogenic and efficacious SARS-CoV-2 vaccine based on resistin-trimerized spike antigen SmT1 and SLA archaeosome adjuvant. <i>Scientific Reports</i> , 2021, 11, 21849.	3.3	26
5	Chiromers: conformation-driven mirror-image supramolecular chirality isomerism identified in a new class of helical rosette nanotubes. <i>Nanoscale</i> , 2014, 6, 9421-9427.	5.6	23
6	Self-assembled rosette nanotubes and poly(2-hydroxyethyl methacrylate) hydrogels promote skin cell functions. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3446-3451.	4.0	16
7	Mechanistic insight into the induction of cellular immune responses by encapsulated and admixed archaeosome-based vaccine formulations. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2183-2195.	3.3	14
8	Cellular Delivery of Plasmid DNA into Wheat Microspores Using Rosette Nanotubes. <i>ACS Omega</i> , 2020, 5, 24422-24433.	3.5	10
9	The Synergistic Effects of Sulfated Lactosyl Archaeol Archaeosomes When Combined with Different Adjuvants in a Murine Model. <i>Pharmaceutics</i> , 2021, 13, 205.	4.5	9
10	Rosette Nanotubes Alter IgE-Mediated Degranulation in the Rat Basophilic Leukemia (RBL)-2H3 Cell Line. <i>Toxicological Sciences</i> , 2015, 148, 108-120.	3.1	8
11	Sulfated Lactosyl Archaeol Archaeosomes Synergize with Poly(I:C) to Enhance the Immunogenicity and Efficacy of a Synthetic Long Peptide-Based Vaccine in a Melanoma Tumor Model. <i>Pharmaceutics</i> , 2021, 13, 257.	4.5	7
12	The effects of rosette nanotubes with different functionalizations on channel catfish (<i>Ictalurus Tf</i>)	4.3	4
13	Effect of Chiral Purity on Adjuvanticity of Archaeol-Based Glycolipids. <i>Journal of Medicinal Chemistry</i> , 0, , .	6.4	2
14	Synthesis of Porous Silica Nanotubes using Rosette Nanotubes as Templates. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1057, 1.	0.1	1
15	Rosette Nanotubes: Factors Affecting the Self-assembly of the Monobases Versus the Twin Base System. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1057, 1.	0.1	0