

Dhiraj Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

670
citations

933447

10
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing a degradation prediction pathway system to understand how a novel methacrylate derivative polymer with flipped external ester groups retains physico-mechanical properties following esterase exposure. <i>Dental Materials</i> , 2022, 38, 251-265.	3.5	3
2	Hybrid nanocoatings of self-assembled organic-inorganic amphiphiles for prevention of implant infections. <i>Acta Biomaterialia</i> , 2022, 140, 338-349.	8.3	42
3	Strontium- and peptide-modified silicate nanostructures for dual osteogenic and antimicrobial activity. , 2022, 135, 212735.		7
4	A novel methacrylate derivative polymer that resists bacterial cell-mediated biodegradation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, , .	3.4	4
5	Design and characterisation of multi-functional strontium-gelatin nanocomposite bioinks with improved print fidelity and osteogenic capacity. <i>Bioprinting</i> , 2020, 18, e00073.	5.8	60
6	A Novel Dental Polymer with a Flipped External Ester Group Design that Resists Degradation via Polymer Backbone Preservation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5609-5619.	5.2	5
7	Self-assembly dynamics and antimicrobial activity of all <i>l</i> - and <i>d</i> -amino acid enantiomers of a designer peptide. <i>Nanoscale</i> , 2019, 11, 266-275.	5.6	65
8	Spectral Photon-Counting Molecular Imaging for Quantification of Monoclonal Antibody-Conjugated Gold Nanoparticles Targeted to Lymphoma and Breast Cancer: An <i>In Vitro</i> Study. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-9.	0.8	20
9	Cancer Imaging with Nanoparticles Using MARS Spectral Scanner. , 2018, , .		2
10	Cytotoxicity and cellular uptake of different sized gold nanoparticles in ovarian cancer cells. <i>Nanotechnology</i> , 2017, 28, 475101.	2.6	44
11	Seed mediated synthesis of highly mono-dispersed gold nanoparticles in the presence of hydroquinone. <i>Nanotechnology</i> , 2016, 27, 355601.	2.6	19
12	Organically Modified Silica Nanoparticles Interaction with Macrophage Cells: Assessment of Cell Viability on the Basis of Physicochemical Properties. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3943-3951.	3.3	11
13	Titania nanotube porosity controls dissolution rate of sputter deposited calcium phosphate (CaP) thin film coatings. <i>RSC Advances</i> , 2013, 3, 11263.	3.6	9
14	The Profile of Payload Release from Gold Nanoparticles Modified with a BODIPY®/PEG Mixed Monolayer. <i>Journal of Nano Research</i> , 2013, 25, 16-30.	0.8	7
15	Current density enhancement in inverted nanopyramid textured crystalline silicon solar cell using gold nanoparticles. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
16	Glutathione-mediated release of Bodipy® from PEG cofunctionalized gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 4007.	6.7	34
17	CONTROLLING THE SIZE AND SIZE DISTRIBUTION OF GOLD NANOPARTICLES: A DESIGN OF EXPERIMENT STUDY. <i>International Journal of Nanoscience</i> , 2012, 11, 1250023.	0.7	27
18	Polyethylene glycol functionalized gold nanoparticles: the influence of capping density on stability in various media. <i>Gold Bulletin</i> , 2011, 44, 99-105.	2.4	301

#	ARTICLE	IF	CITATIONS
19	The loading and release property of nanoporous anodic alumina for delivery of drugs and drug carriers. , 2010, , .		2
20	Methacrylate Polymers With "Flipped External" Ester Groups: A Review. Frontiers in Dental Medicine, 0, 3, .	1.4	2