# Dhiraj Kumar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2878121/publications.pdf

Version: 2024-02-01

| 20 | 670 | 933447 10 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 1451 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Polyethylene glycol functionalized gold nanoparticles: the influence of capping density on stability in various media. Gold Bulletin, 2011, 44, 99-105. | 2.4 | 301 |
| 2 | Self-assembly dynamics and antimicrobial activity of all <scp>l</scp>- and <scp>d</scp>-amino acid enantiomers of a designer peptide. Nanoscale, 2019, 11, 266-275. | 5.6 | 65 |
| 3 | Design and characterisation of multi-functional strontium-gelatin nanocomposite bioinks with improved print fidelity and osteogenic capacity. Bioprinting, 2020, 18, e00073. | 5.8 | 60 |
| 4 | Cytotoxicity and cellular uptake of different sized gold nanoparticles in ovarian cancer cells. Nanotechnology, 2017, 28, 475101. | 2.6 | 44 |
| 5 | Hybrid nanocoatings of self-assembled organic-inorganic amphiphiles for prevention of implant infections. Acta Biomaterialia, 2022, 140, 338-349. | 8.3 | 42 |
| 6 | Glutathione-mediated release of Bodipy® from PEG cofunctionalized gold nanoparticles. International Journal of Nanomedicine, 2012, 7, 4007. | 6.7 | 34 |
| 7 | CONTROLLING THE SIZE AND SIZE DISTRIBUTION OF GOLD NANOPARTICLES: A DESIGN OF EXPERIMENT STUDY. International Journal of Nanoscience, 2012, 11, 1250023. | 0.7 | 27 |
| 8 | Spectral Photon-Counting Molecular Imaging for Quantification of Monoclonal Antibody-Conjugated Gold Nanoparticles Targeted to Lymphoma and Breast Cancer: An In Vitro Study. Contrast Media and Molecular Imaging, 2018, 2018, 1-9. | 0.8 | 20 |
| 9 | Seed mediated synthesis of highly mono-dispersed gold nanoparticles in the presence of hydroquinone. Nanotechnology, 2016, 27, 355601. | 2.6 | 19 |
| 10 | Organically Modified Silica Nanoparticles Interaction with Macrophage Cells: Assessment of Cell Viability on the Basis of Physicochemical Properties. Journal of Pharmaceutical Sciences, 2015, 104, 3943-3951. | 3.3 | 11 |
| 11 | Titania nanotube porosity controls dissolution rate of sputter deposited calcium phosphate (CaP) thin film coatings. RSC Advances, 2013, 3, 11263. | 3.6 | 9 |
| 12 | The Profile of Payload Release from Gold Nanoparticles Modified with a BODIPYÂ®/PEG Mixed Monolayer. Journal of Nano Research, 2013, 25, 16-30. | 0.8 | 7 |
| 13 | Strontium- and peptide-modified silicate nanostructures for dual osteogenic and antimicrobial activity. , 2022, 135, 212735. | | 7 |
| 14 | A Novel Dental Polymer with a Flipped External Ester Group Design that Resists Degradation via Polymer Backbone Preservation. ACS Biomaterials Science and Engineering, 2020, 6, 5609-5619. | 5.2 | 5 |
| 15 | A novel methacrylate derivative polymer that resists bacterial cellâ€mediated biodegradation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, , . | 3.4 | 4 |
| 16 | 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. Dental Materials, 2022, 38, 251-265. | 3.5 | 3 |
| 17 | The loading and release property of nanoporous anodic alumina for delivery of drugs and drug carriers. , 2010, , . | | 2 |
| 18 | Cancer Imaging with Nanoparticles Using MARS Spectral Scanner. , 2018, , . | | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Methacrylate Polymers With â€œFlipped Externalâ€•Ester Groups: A Review. Frontiers in Dental Medicine, 0, 3, . | 1.4 | 2 |
| 20 | Current density enhancement in inverted nanopyramid textured crystalline silicon solar cell using gold nanoparticles. Proceedings of SPIE, 2013, , . | 0.8 | 0 |