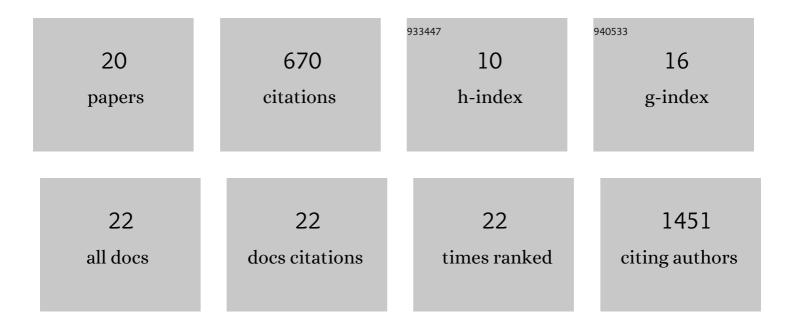
## Dhiraj Kumar

List of Publications by Year in descending order

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Πηιδνι Κιινίλα

#	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 <i>In Vitro</i> 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 BODIPY®/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

#	Article	IF	CITATIONS
19	Methacrylate Polymers With "Flipped External―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