Vinita Vishwakarma

List of Publications by Year
in descending order

23	558	933410 10	713444 21
papers	citations	h-index	g-index

23	23	23	712
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green Concrete mix using solid waste and nanoparticles as alternatives â€“ A review. Construction and Building Materials, 2018, 162, 96-103.	7.2	130
2	Cadmium toxicity in cowpea plant: Effect of foliar intervention of nano-TiO2 on tissue Cd bioaccumulation, stress enzymes and potential dietary health risk. Journal of Biotechnology, 2020, 310, 54-61.	3.8	67
3	Enhancement of strength and durability of fly ash concrete in seawater environments: Synergistic effect of nanoparticles. Construction and Building Materials, 2018, 187, 448-459.	7.2	62
4	Impact of environmental biofilms: Industrial components and its remediation. Journal of Basic Microbiology, 2020, 60, 198-206.	3.3	59
5	Enhanced seawater corrosion resistance of reinforcement in nanophase modified fly ash concrete. Construction and Building Materials, 2019, 221, 232-243.	7.2	44
6	Antibacterial copperâ€“nickel bilayers and multilayer coatings by pulsed laser deposition on titanium. Biofouling, 2009, 25, 705-710.	2.2	38
7	Studies of detailed Biofilm characterization on fly ash concrete in comparison with normal and superplasticizer concrete in seawater environments. Environmental Technology (United Kingdom), 2014, 35, 42-51.	2.2	30
8	Corrosion and biocompatibility behaviour of zirconia coating by EBPVD for biomedical applications. Surface and Coatings Technology, 2018, 334, 336-343.	4.8	25
9	Biocorrosion and biological properties of sputtered ceramic carbide coatings for biomedical applications. Surface and Coatings Technology, 2019, 374, 569-578.	4.8	23
10	Studies of carbonation process in nanoparticles modified fly ash concrete. Construction and Building Materials, 2020, 252, 119127.	7.2	14
11	Implant application of bioactive nano-hydroxyapatite powdersâ€”a comparative study. Materials Research Express, 2018, 5, 015405.	1.6	11
12	Silver-ceria stabilized zirconia composite coatings on titanium for potential implant applications. Surface and Coatings Technology, 2019, 368, 224-231.	4.8	10
13	Investigation on surface sulfate attack of nanoparticle-modified fly ash concrete. Environmental Science and Pollution Research, 2020, 27, 41372-41380.	5.3	10
14	Surface Modification of Titanium Using Nanothin Films of Copper for Biofouling Control. Journal of Nanoscience and Nanotechnology, 2009, 9, 5480-5483.	0.9	9
15	Detailed studies of cow dung ash modified concrete exposed in fresh water. Journal of Building Engineering, 2018, 20, 173-178.	3.4	8
16	Green synthesis of silver nanoparticles using hypericin-rich shoot cultures ofHypericum hookerianumand evaluation of anti-bacterial activities. Journal of Experimental Nanoscience, 2015, 10, 181-188.	2.4	4
17	Study on polymeric coatings on fly ash concrete under seawater. Environmental Science and Pollution Research, 2021, 28, 9338-9345.	5.3	4
18	Silver-calcia stabilized zirconia nanocomposite coated medical grade stainless steel as potential bioimplants. Surfaces and Interfaces, 2021, 24, 101086.	3.0	4

#	Article	IF	Citations
19	Identification of potential antiâ€hepatitis C virus agents targeting non structural protein 5B using computational techniques. Journal of Cellular Biochemistry, 2018, 119, 8574-8587.	2.6	2
20	Structural and corrosion behaviour of bilayer and alloyed films of Cu-Ni. , 2013, , .		1
21	Characterization and electrochemical behavior of ZrO2/CSZ coated 316L SS before and after incubation with calcium precipitating oral bacteria. Materials Research Express, 2019, 6, 085417.	1.6	1
22	Phyllanthus muellerianus and Ficus exasperata exhibit anti-proliferative and pro-apoptotic activities in human prostate cancer PC-3 cells by modulating calcium influx and activating caspases. , 2022, 77, 1981-1994.		1
23	Investigating biological impact of HAp from goat femur reinforced with Zrâ€“Ag for bone tissue engineering application. Journal of the Korean Ceramic Society, 2022, 59, 480-493.	2.3	1