

Puneet Khandelwal

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

574
citations

687363

13
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ synthesis and surface functionalization of gold nanoparticles with curcumin and their antioxidant properties: an experimental and density functional theory investigation. <i>Nanoscale</i> , 2013, 5, 1882.	5.6	149
2	Exosome-Mediated Crosstalk between Keratinocytes and Macrophages in Cutaneous Wound Healing. <i>ACS Nano</i> , 2020, 14, 12732-12748.	14.6	106
3	Fluorescent metal quantum clusters: an updated overview of the synthesis, properties, and biological applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9055-9084.	5.8	49
4	Retention of Anticancer Activity of Curcumin after Conjugation with Fluorescent Gold Quantum Clusters: An in Vitro and in Vivo Xenograft Study. <i>ACS Omega</i> , 2018, 3, 4776-4785.	3.5	38
5	Study of the nucleation and growth of antibiotic labeled Au NPs and blue luminescent Au ₈ quantum clusters for Hg ²⁺ ion sensing, cellular imaging and antibacterial applications. <i>Nanoscale</i> , 2015, 7, 19985-20002.	5.6	37
6	Oxidant mediated one-step complete conversion of multi-walled carbon nanotubes to graphene quantum dots and their bioactivity against mammalian and bacterial cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 785-796.	5.8	37
7	The mechanistic insight into the biomilling of goethite (α-FeO(OH)) nanorods using the yeast <i>Saccharomyces cerevisiae</i> . <i>RSC Advances</i> , 2015, 5, 91785-91794.	3.6	22
8	New insights into in vitro amyloidogenic properties of human serum albumin suggest considerations for therapeutic precautions. <i>FEBS Letters</i> , 2015, 589, 4033-4038.	2.8	21
9	Global Conformation of Tau Protein Mapped by Raman Spectroscopy. <i>Methods in Molecular Biology</i> , 2017, 1523, 21-31.	0.9	20
10	Surface disordered rutile TiO ₂ –graphene quantum dot hybrids: a new multifunctional material with superior photocatalytic and biofilm eradication properties. <i>New Journal of Chemistry</i> , 2017, 41, 2642-2657.	2.8	19
11	Advances in the Experimental and Theoretical Understandings of Antibiotic Conjugated Gold Nanoparticles for Antibacterial Applications. <i>ChemistrySelect</i> , 2019, 4, 6719-6738.	1.5	19
12	Modulation of Reaction Kinetics for the Tuneable Synthesis of Gold Nanoparticles and Quantum Clusters: Application of Gold Quantum Clusters as a Turn-Off Sensing Probe for Sn ⁴⁺ ions. <i>ChemPlusChem</i> , 2014, 79, 134-142.	2.8	15
13	Immobilization of multivalent glycoprobes on gold surfaces for sensing proteins and macrophages. <i>Analyst</i> , 2016, 141, 2250-2258.	3.5	13
14	Biomilling of rod-shaped ZnO nanoparticles: a potential role of <i>Saccharomyces cerevisiae</i> extracellular proteins. <i>RSC Advances</i> , 2015, 5, 1883-1889.	3.6	12
15	A surfactant polymer wound dressing protects human keratinocytes from inducible necroptosis. <i>Scientific Reports</i> , 2021, 11, 4357.	3.3	8
16	Hydralazine inhibits amyloid beta (Aβ) aggregation and glycation and ameliorates Aβ ₄₂ induced neurotoxicity. <i>RSC Advances</i> , 2016, 6, 108768-108776.	3.6	6
17	Diabetic peripheral neuropathy: An insight into the pathophysiology, diagnosis, and therapeutics. , 2020, , 49-77.		3
18	Curcumin in Therapeutics: From Molecule to Nanomaterials. <i>Springer Proceedings in Physics</i> , 2019, , 161-177.	0.2	0