

Sumaira Ashraf

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,076
citations

516561

16
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

5028
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Behavior of Sandwich Structures with Magnetorheological Elastomer: A Review. <i>Materials</i> , 2021, 14, 7025.	1.3	7
2	Analyse quantitativer Partikel Aufnahme von Zellen über verschiedene Messmethoden. <i>Angewandte Chemie</i> , 2020, 132, 5478-5494.	1.6	0
3	Quantitative Particle Uptake by Cells as Analyzed by Different Methods. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5438-5453.	7.2	48
4	<i>In vivo</i> fate of free and encapsulated iron oxide nanoparticles after injection of labelled stem cells. <i>Nanoscale Advances</i> , 2019, 1, 367-377.	2.2	16
5	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	7.3	976
6	Regeneration of arsenic spent adsorbents by Fe/MgO nanoparticles. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1876-1883.	1.6	19
7	Synthesis and functionalization of monodisperse near-ultraviolet and visible excitable multifunctional Eu ³⁺ , Bi ³⁺ :REVO ₄ nanophosphors for bioimaging and biosensing applications. <i>Nanoscale</i> , 2016, 8, 12221-12236.	2.8	56
8	Engineering of nanoparticle size via electrohydrodynamic jetting. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 82-93.	3.9	26
9	Zwitterionic surface coating of quantum dots reduces protein adsorption and cellular uptake. <i>Nanoscale</i> , 2016, 8, 17794-17800.	2.8	63
10	Quantitative uptake of colloidal particles by cell cultures. <i>Science of the Total Environment</i> , 2016, 568, 819-828.	3.9	35
11	<i>In vivo</i> degeneration and the fate of inorganic nanoparticles. <i>Chemical Society Reviews</i> , 2016, 45, 2440-2457.	18.7	355
12	Luminescent rare earth vanadate nanoparticles doped with Eu ³⁺ and Bi ³⁺ for sensing and imaging applications. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
13	Gold-Based Nanomaterials for Applications in Nanomedicine. <i>Topics in Current Chemistry</i> , 2016, 370, 169-202.	4.0	56
14	Particle-Based Optical Sensing of Intracellular Ions at the Example of Calcium - What Are the Experimental Pitfalls?. <i>Small</i> , 2015, 11, 896-904.	5.2	27
15	Fluorescence-based ion-sensing with colloidal particles. <i>Current Opinion in Pharmacology</i> , 2014, 18, 98-103.	1.7	8
16	Lysozyme-coated silver nanoparticles for differentiating bacterial strains on the basis of antibacterial activity. <i>Nanoscale Research Letters</i> , 2014, 9, 565.	3.1	27
17	Synthesis of cellulose-metal nanoparticle composites: development and comparison of different protocols. <i>Cellulose</i> , 2014, 21, 395-405.	2.4	41
18	A scalable synthesis of highly stable and water dispersible Ag ₄₄ (SR) ₃₀ nanoclusters. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10148.	5.2	74

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19	Protein-mediated synthesis, pH-induced reversible agglomeration, toxicity and cellular interaction of silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 511-518.	2.5	93
20	Polyhexamethylene biguanide functionalized cationic silver nanoparticles for enhanced antimicrobial activity. <i>Nanoscale Research Letters</i> , 2012, 7, 267.	3.1	45
21	pH-sensitive Capsules as Intracellular Optical Reporters for Monitoring Lysosomal pH Changes Upon Stimulation. <i>Small</i> , 2012, 8, 943-948.	5.2	100