

Kerda Keevend

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

380
citations

759233

12
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	An advanced human in vitro co-culture model for translocation studies across the placental barrier. <i>Scientific Reports</i> , 2018, 8, 5388.	3.3	68
2	Removal of Cells from Body Fluids by Magnetic Separation in Batch and Continuous Mode: Influence of Bead Size, Concentration, and Contact Time. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29571-29579.	8.0	31
3	An energy transfer kinetic probe for OH-quenchers in the Nd ³⁺ :YPO ₄ nanocrystals suitable for imaging in the biological tissue transparency window. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 26806-26815.	2.8	28
4	The silanol content and in vitro cytolytic activity of flame-made silica. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 95-106.	9.4	28
5	One-Step Synthesis of Versatile Antimicrobial Nano-Architected Implant Coatings for Hard and Soft Tissue Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33300-33310.	8.0	21
6	Relation of Crystallinity and Fluorescent Properties of LaF ₃ :Nd ³⁺ Nanoparticles Synthesized with Different Water-Based Techniques. <i>ChemistrySelect</i> , 2017, 2, 4874-4881.	1.5	19
7	Ultrabright and Stable Luminescent Labels for Correlative Cathodoluminescence Electron Microscopy Bioimaging. <i>Nano Letters</i> , 2019, 19, 6013-6018.	9.1	19
8	Lanthanide-Doped Hafnia Nanoparticles for Multimodal Theranostics: Tailoring the Physicochemical Properties and Interactions with Biological Entities. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 437-448.	8.0	19
9	Multiscale Analysis of Metal Oxide Nanoparticles in Tissue: Insights into Biodistribution and Biotransformation. <i>Advanced Science</i> , 2020, 7, 2000912.	11.2	17
10	Tb ³⁺ -doped LaF ₃ nanocrystals for correlative cathodoluminescence electron microscopy imaging with nanometric resolution in focused ion beam-sectioned biological samples. <i>Nanoscale</i> , 2017, 9, 4383-4387.	5.6	16
11	The multiscale hierarchical structure of <i>Heloderma suspectum</i> osteoderms and their mechanical properties. <i>Acta Biomaterialia</i> , 2020, 107, 194-203.	8.3	16
12	Inorganic nanohybrids combat antibiotic-resistant bacteria hiding within human macrophages. <i>Nanoscale</i> , 2021, 13, 8224-8234.	5.6	14
13	Reduced Magnetic Coupling in Ultrasmall Iron Oxide T ₁ MRI Contrast Agents. <i>ACS Applied Bio Materials</i> , 2018, 1, 783-791.	4.6	13
14	Near-UV activated, photostable nanophosphors for in vitro dosimetry and dynamic bioimaging. <i>AIChE Journal</i> , 2018, 64, 2947-2957.	3.6	12
15	Facile meltPEGylation of flame-made luminescent Tb ³⁺ -doped yttrium oxide particles: hemocompatibility, cellular uptake and comparison to silica. <i>Chemical Communications</i> , 2018, 54, 2914-2917.	4.1	9
16	Tailoring the Colloidal Stability, Magnetic Separability, and Cytocompatibility of High-Capacity Magnetic Anion Exchangers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48341-48351.	8.0	9
17	Correlative cathodoluminescence electron microscopy bioimaging: towards single protein labelling with ultrastructural context. <i>Nanoscale</i> , 2020, 12, 15588-15603.	5.6	9
18	Scalable Synthesis of Ultrasmall Metal Oxide Radio-Enhancers Outperforming Gold. <i>Chemistry of Materials</i> , 2021, 33, 3098-3112.	6.7	9

#	ARTICLE	IF	CITATIONS
19	Correlative Cathodoluminescence Electron Microscopy: Immunolabeling Using Rare Earth Element Doped Nanoparticles. <i>Small</i> , 2020, 16, 2004615.	10.0	8
20	Uptake, distribution and radio-enhancement effects of gold nanoparticles in tumor microtissues. <i>Nanoscale Advances</i> , 2020, 2, 2992-3001.	4.6	7
21	Laser heating of the $Y_{1-x}Dy_xPO_4$ nanocrystals. <i>Optical Materials Express</i> , 2015, 5, 1230.	3.0	6
22	Bi_2O_3 boosts brightness, biocompatibility and stability of Mn-doped $Ba_3(VO_4)_2$ as NIR-II contrast agent. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3038-3046.	5.8	2
23	Immunotargeting: Correlative Cathodoluminescence Electron Microscopy: Immunolabeling Using Rare Earth Element Doped Nanoparticles (<i>Small</i> 44/2020). <i>Small</i> , 2020, 16, 2070242.	10.0	0