

Kerda Keevend

List of Publications by Year in descending order

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23
papers

380
citations

759233

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all docs

23
docs citations

23
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi ₂ O ₃ boosts brightness, biocompatibility and stability of Mn-doped Ba ₃ (VO ₄) ₂ as NIR-II contrast agent. Journal of Materials Chemistry B, 2021, 9, 3038-3046.	5.8	2
2	Inorganic nanohybrids combat antibiotic-resistant bacteria hiding within human macrophages. Nanoscale, 2021, 13, 8224-8234.	5.6	14
3	Scalable Synthesis of Ultrasmall Metal Oxide Radio-Enhancers Outperforming Gold. Chemistry of Materials, 2021, 33, 3098-3112.	6.7	9
4	One-Step Synthesis of Versatile Antimicrobial Nano-Architected Implant Coatings for Hard and Soft Tissue Healing. ACS Applied Materials & Interfaces, 2021, 13, 33300-33310.	8.0	21
5	Correlative Cathodoluminescence Electron Microscopy: Immunolabeling Using Rare-Earth Element Doped Nanoparticles. Small, 2020, 16, 2004615.	10.0	8
6	Correlative cathodoluminescence electron microscopy bioimaging: towards single protein labelling with ultrastructural context. Nanoscale, 2020, 12, 15588-15603.	5.6	9
7	Immunotargeting: Correlative Cathodoluminescence Electron Microscopy: Immunolabeling Using Rare-Earth Element Doped Nanoparticles (Small 44/2020). Small, 2020, 16, 2070242.	10.0	0
8	Uptake, distribution and radio-enhancement effects of gold nanoparticles in tumor microtissues. Nanoscale Advances, 2020, 2, 2992-3001.	4.6	7
9	Multiscale Analysis of Metal Oxide Nanoparticles in Tissue: Insights into Biodistribution and Biotransformation. Advanced Science, 2020, 7, 2000912.	11.2	17
10	The multiscale hierarchical structure of Heloderma suspectum osteoderms and their mechanical properties. Acta Biomaterialia, 2020, 107, 194-203.	8.3	16
11	Ultrabright and Stable Luminescent Labels for Correlative Cathodoluminescence Electron Microscopy Bioimaging. Nano Letters, 2019, 19, 6013-6018.	9.1	19
12	Tailoring the Colloidal Stability, Magnetic Separability, and Cytocompatibility of High-Capacity Magnetic Anion Exchangers. ACS Applied Materials & Interfaces, 2019, 11, 48341-48351.	8.0	9
13	Lanthanide-Doped Hafnia Nanoparticles for Multimodal Theranostics: Tailoring the Physicochemical Properties and Interactions with Biological Entities. ACS Applied Materials & Interfaces, 2019, 11, 437-448.	8.0	19
14	Facile meltPEGylation of flame-made luminescent Tb ³⁺ -doped yttrium oxide particles: hemocompatibility, cellular uptake and comparison to silica. Chemical Communications, 2018, 54, 2914-2917.	4.1	9
15	Near-UV activated, photostable nanophosphors for in vitro dosimetry and dynamic bioimaging. AIChE Journal, 2018, 64, 2947-2957.	3.6	12
16	An advanced human in vitro co-culture model for translocation studies across the placental barrier. Scientific Reports, 2018, 8, 5388.	3.3	68
17	Reduced Magnetic Coupling in Ultrasmall Iron Oxide T ₁ MRI Contrast Agents. ACS Applied Bio Materials, 2018, 1, 783-791.	4.6	13
18	Tb ³⁺ -doped LaF ₃ nanocrystals for correlative cathodoluminescence electron microscopy imaging with nanometric resolution in focused ion beam-sectioned biological samples. Nanoscale, 2017, 9, 4383-4387.	5.6	16

#	ARTICLE	IF	CITATIONS
19	Relation of Crystallinity and Fluorescent Properties of LaF ₃ :Nd ³⁺ Nanoparticles Synthesized with Different Water-Based Techniques. ChemistrySelect, 2017, 2, 4874-4881.	1.5	19
20	The silanol content and in vitro cytolytic activity of flame-made silica. Journal of Colloid and Interface Science, 2017, 507, 95-106.	9.4	28
21	Removal of Cells from Body Fluids by Magnetic Separation in Batch and Continuous Mode: Influence of Bead Size, Concentration, and Contact Time. ACS Applied Materials & Interfaces, 2017, 9, 29571-29579.	8.0	31
22	Laser heating of the Y _{1-x} Dy _x PO ₄ nanocrystals. Optical Materials Express, 2015, 5, 1230.	3.0	6
23	An energy transfer kinetic probe for OH-quenchers in the Nd ³⁺ :YPO ₄ nanocrystals suitable for imaging in the biological tissue transparency window. Physical Chemistry Chemical Physics, 2014, 16, 26806-26815.	2.8	28