

Zeliha Soran Erdem

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

455
citations

687363

13
h-index

839539

18
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21
all docs

21
docs citations

21
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive self-assembled peptide nanofibers for corneal stroma regeneration. <i>Acta Biomaterialia</i> , 2014, 10, 1156-1166.	8.3	62
2	Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering. <i>Scientific Reports</i> , 2013, 3, 2624.	3.3	57
3	Liquidâ€“Liquid Diffusionâ€“Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dotâ€“Salt Crystals. <i>Advanced Functional Materials</i> , 2015, 25, 2638-2645.	14.9	52
4	Implementation of High-Quality Warm-White Light-Emitting Diodes by a Model-Experimental Feedback Approach Using Quantum Dotâ€“Salt Mixed Crystals. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23364-23371.	8.0	48
5	A new class of cubic SPIONs as a dual-mode T1 and T2 contrast agent for MRI. <i>Magnetic Resonance Imaging</i> , 2018, 49, 16-24.	1.8	43
6	Highly monodisperse low-magnetization magnetite nanocubes as simultaneous MRI contrast agents. <i>Nanoscale</i> , 2015, 7, 10519-10526.	5.6	40
7	Chitosan scaffolds with BMP-6 loaded alginate microspheres for periodontal tissue engineering. <i>Journal of Microencapsulation</i> , 2012, 29, 770-780.	2.8	30
8	Colloidal Nanocrystals Embedded in Macrocrystals: Methods and Applications. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4117-4123.	4.6	28
9	Stable and efficient colour enrichment powders of nonpolar nanocrystals in LiCl. <i>Nanoscale</i> , 2015, 7, 17611-17616.	5.6	17
10	Macrocrystals of Colloidal Quantum Dots in Anthracene: Exciton Transfer and Polarized Emission. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1767-1772.	4.6	17
11	High-Stability, High-Efficiency Organic Monoliths Made of Oligomer Nanoparticles Wrapped in Organic Matrix. <i>ACS Nano</i> , 2016, 10, 5333-5339.	14.6	16
12	Sweet plasmonics: Sucrose macrocrystals of metal nanoparticles. <i>Nano Research</i> , 2015, 8, 860-869.	10.4	15
13	Energy-saving quality road lighting with colloidal quantum dot nanophosphors. <i>Nanophotonics</i> , 2014, 3, 373-381.	6.0	14
14	Excitonic improvement of colloidal nanocrystals in salt powder matrix for quality lighting and color enrichment. <i>Optics Express</i> , 2016, 24, A74.	3.4	8
15	Tailored Synthesis of Iron Oxide Nanocrystals for Formation of Cuboid Mesocrystals. <i>ACS Omega</i> , 2021, 6, 20351-20360.	3.5	3
16	Fluorescent Heterodoped Nanotetrapods as Synergistically Enhancing Positive and Negative Magnetic Resonance Imaging Contrast Agents. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12352-12359.	8.0	2
17	A Laser-Assisted Cellular Electrophysiology Measurement System. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 163-166.	2.5	2
18	Semiconductor Nanocrystals: Liquidâ€“Liquid Diffusionâ€“Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dotâ€“Salt Crystals (<i>Adv. Funct. Mater.</i> 18/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2783-2783.	14.9	1

#	ARTICLE	IF	CITATIONS
19	Exciton transfer and polarized emission in colloidal quantum dot - anthracene crystals. , 2015, , .		0
20	High-efficiency high-quality street lighting with colloidal quantum dot nanophosphors. , 2015, , .		0
21	Heterodoped Nanoparticles as Dual-Mode Contrast Agent for MRI. , 2017, , .		0