

# 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  
g-index

21  
all docs

21  
docs citations

21  
times ranked

886  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Laser-Assisted Cellular Electrophysiology Measurement System. IEEE Photonics Technology Letters, 2021, 33, 163-166.	2.5	2
2	Tailored Synthesis of Iron Oxide Nanocrystals for Formation of Cuboid Mesocrystals. ACS Omega, 2021, 6, 20351-20360.	3.5	3
3	A new class of cubic SPIONs as a dual-mode T1 and T2 contrast agent for MRI. Magnetic Resonance Imaging, 2018, 49, 16-24.	1.8	43
4	Heterodoped Nanoparticles as Dual-Mode Contrast Agent for MRI. , 2017, , .		0
5	High-Stability, High-Efficiency Organic Monoliths Made of Oligomer Nanoparticles Wrapped in Organic Matrix. ACS Nano, 2016, 10, 5333-5339.	14.6	16
6	Colloidal Nanocrystals Embedded in Macrocrystals: Methods and Applications. Journal of Physical Chemistry Letters, 2016, 7, 4117-4123.	4.6	28
7	Fluorescent Heterodoped Nanotetrapods as Synergistically Enhancing Positive and Negative Magnetic Resonance Imaging Contrast Agents. ACS Applied Materials & Interfaces, 2016, 8, 12352-12359.	8.0	2
8	Excitonic improvement of colloidal nanocrystals in salt powder matrix for quality lighting and color enrichment. Optics Express, 2016, 24, A74.	3.4	8
9	Semiconductor Nanocrystals: Liquidâ€“Liquid Diffusionâ€“Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dotâ€“Salt Crystals (Adv. Funct. Mater. 18(2015)). Advanced Functional Materials, 2015, 25, 2783-2783.	14.9	1
10	Exciton transfer and polarized emission in colloidal quantum dot - anthracene crystals. , 2015, , .		0
11	High-efficiency high-quality street lighting with colloidal quantum dot nanophosphors. , 2015, , .		0
12	Stable and efficient colour enrichment powders of nonpolar nanocrystals in LiCl. Nanoscale, 2015, 7, 17611-17616.	5.6	17
13	Macrocrystals of Colloidal Quantum Dots in Anthracene: Exciton Transfer and Polarized Emission. Journal of Physical Chemistry Letters, 2015, 6, 1767-1772.	4.6	17
14	Liquidâ€“Liquid Diffusionâ€“Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dotâ€“Salt Crystals. Advanced Functional Materials, 2015, 25, 2638-2645.	14.9	52
15	Highly monodisperse low-magnetization magnetite nanocubes as simultaneous $T_1$ and $T_2$ MRI contrast agents. Nanoscale, 2015, 7, 10519-10526.	5.6	40
16	Implementation of High-Quality Warm-White Light-Emitting Diodes by a Model-Experimental Feedback Approach Using Quantum Dotâ€“Salt Mixed Crystals. ACS Applied Materials & Interfaces, 2015, 7, 23364-23371.	8.0	48
17	Sweet plasmonics: Sucrose macrocrystals of metal nanoparticles. Nano Research, 2015, 8, 860-869.	10.4	15
18	Energy-saving quality road lighting with colloidal quantum dot nanophosphors. Nanophotonics, 2014, 3, 373-381.	6.0	14

#	ARTICLE	IF	CITATIONS
19	Bioactive self-assembled peptide nanofibers for corneal stroma regeneration. <i>Acta Biomaterialia</i> , 2014, 10, 1156-1166.	8.3	62
20	Label-Free Nanometer-Resolution Imaging of Biological Architectures through Surface Enhanced Raman Scattering. <i>Scientific Reports</i> , 2013, 3, 2624.	3.3	57
21	Chitosan scaffolds with BMP-6 loaded alginate microspheres for periodontal tissue engineering. <i>Journal of Microencapsulation</i> , 2012, 29, 770-780.	2.8	30