

Jinju Zheng

List of Publications by Year in descending order

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21
papers

778
citations

516710

16
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713466

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21
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal stability of Mn ²⁺ ion luminescence in Mn-doped core-shell quantum dots. <i>Nanoscale</i> , 2014, 6, 300-307.	5.6	105
2	Efficient Photoluminescence of Mn ²⁺ Ions in MnS/ZnS Core/Shell Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16969-16974.	3.1	103
3	Improved Photoluminescence of MnS/ZnS Core/Shell Nanocrystals by Controlling Diffusion of Mn Ions into the ZnS Shell. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15331-15336.	3.1	67
4	Long-lived and Well-resolved Mn ²⁺ Ion Emissions in CuInS-ZnS Quantum Dots. <i>Scientific Reports</i> , 2014, 4, 7510.	3.3	66
5	Robust and Stable Ratiometric Temperature Sensor Based on ZnIn ₂ S ₄ Quantum Dots with Intrinsic Dual Dopant Ion Emissions. <i>Advanced Functional Materials</i> , 2016, 26, 7224-7233.	14.9	53
6	Highly efficient and well-resolved Mn ²⁺ ion emission in MnS/ZnS/CdS quantum dots. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2540.	5.5	50
7	Color-tunable photoluminescence of Cu-doped ZnIn ₂ Se ₄ quantum dots and their electroluminescence properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 581-588.	5.5	48
8	General Strategy for Rapid Production of Low-Dimensional All-Inorganic CsPbBr ₃ Perovskite Nanocrystals with Controlled Dimensionalities and Sizes. <i>Inorganic Chemistry</i> , 2018, 57, 1598-1603.	4.0	48
9	Mn ²⁺ -doped ZnIn ₂ S ₄ quantum dots with tunable bandgaps and high photoluminescence properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8844-8851.	5.5	43
10	Shell-dependent electroluminescence from colloidal CdSe quantum dots in multilayer light-emitting diodes. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	39
11	Mass production of Mn ²⁺ -doped CsPbCl ₃ perovskite nanocrystals with high quality and enhanced optical performance. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2641-2647.	6.0	30
12	Mn ²⁺ -doped Cs ₂ NaInCl ₆ double perovskites and their photoluminescence properties. <i>Journal of Materials Science</i> , 2021, 56, 8048-8059.	3.7	29
13	Temperature-dependent photoluminescence properties of Mn:ZnCdS quantum dots. <i>RSC Advances</i> , 2014, 4, 30948-30952.	3.6	21
14	Water soluble CdS nanoparticles with controllable size prepared via femtosecond laser ablation. <i>Journal of Applied Physics</i> , 2007, 102, .	2.5	19
15	A facile route to aqueous Ag:ZnCdS and Ag:ZnCdSeS quantum dots: Pure emission color tunable over entire visible spectrum. <i>Journal of Alloys and Compounds</i> , 2015, 632, 1-9.	5.5	19
16	Doping concentration-dependent photoluminescence properties of Mn-doped ZnIn ₂ S ₄ quantum dots. <i>Journal of Materials Science</i> , 2018, 53, 1286-1296.	3.7	17
17	Field emission behaviors of CsPbI ₃ nanobelts. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5156-5162.	5.5	8
18	Dopant-controlled photoluminescence of Ag-doped ZnIn ₂ S ₄ nanocrystals. <i>Journal of Materials Research</i> , 2017, 32, 3585-3592.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Halogenâ€contentâ€dependent photoluminescence of Mn ²⁺ -doped CsPbCl ₃ nanocrystals. Journal of the American Ceramic Society, 2022, 105, 4763-4774.	3.8	4
20	Boosted luminescence efficiency and stability of Mn-doped perovskite nanoplatelets via incorporating Cd ²⁺ ions. Materials Research Bulletin, 2022, 151, 111825.	5.2	4
21	Tailored growth of highâ€quality CsPbI ₃ nanobelts. Journal of the American Ceramic Society, 2021, 104, 2358-2365.	3.8	1