

Qiwen Pan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

407
citations

759233

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752698

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all docs

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docs citations

21
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable synthesis of Zn ₂ GeO ₄ :Eu nanocrystals with multi-color emission for white light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 5419-5429.	5.5	54
2	Engineering Tunable Broadband Near-Infrared Emission in Transparent Rare-Earth Doped Nanocrystals-in-Glass Composites via a Bottom-Up Strategy. Advanced Optical Materials, 2019, 7, 1801482.	7.3	46
3	Microlaser Output from Rare-Earth Ion-Doped Nanocrystal-in-Glass Microcavities. Advanced Optical Materials, 2019, 7, 1900197.	7.3	34
4	Embedding carbon dots in Eu ³⁺ -doped metal-organic framework for label-free ratiometric fluorescence detection of Fe ³⁺ ions. Journal of the American Ceramic Society, 2021, 104, 886-895.	3.8	31
5	Facile hydrothermal synthesis of Mn doped ZnS nanocrystals and luminescence properties investigations. Journal of Alloys and Compounds, 2013, 579, 300-304.	5.5	27
6	Quantum Dot-Doped Glasses and Fibers: Fabrication and Optical Properties. Frontiers in Materials, 2015, 2, .	2.4	27
7	Controllable Phase Transformation and Mid-infrared Emission from Er ³⁺ -Doped Hexagonal/Cubic-NaYF ₄ Nanocrystals. Scientific Reports, 2016, 6, 29871.	3.3	27
8	Coupling Localized Laser Writing and Nonlocal Recrystallization in Perovskite Crystals for Reversible Multidimensional Optical Encryption. Advanced Materials, 2022, 34, e2201413.	21.0	27
9	Spectroscopic properties in Er ³⁺ -doped germanotellurite glasses and glass ceramics for mid-infrared laser materials. Scientific Reports, 2017, 7, 43186.	3.3	22
10	Enhanced 2.2 μm Mid-Infrared Laser Output from Tm ³⁺ -Activated Glass Ceramic Microcavities. Laser and Photonics Reviews, 2020, 14, 1900396.	8.7	21
11	Regulating Mid-infrared to Visible Fluorescence in Monodispersed Er ³⁺ -doped La ₂ O ₂ S (La ₂ O ₂ SO ₄) Nanocrystals by Phase Modulation. Scientific Reports, 2016, 6, 37141.	3.3	15
12	Multifunctional magnetic-fluorescent Ni-doped ZnAl ₂ O ₄ nanoparticles with second biological NIR window fluorescence. Materials Research Bulletin, 2017, 93, 310-317.	5.2	14
13	Weakening thermal quenching to enhance luminescence of Er ³⁺ doped NaYF ₄ nanocrystals via acid-treatment. Journal of the American Ceramic Society, 2019, 102, 6027-6037.	3.8	12
14	Nanocrystal-in-glass composite (NGC): A powerful pathway from nanocrystals to advanced optical materials. Progress in Materials Science, 2022, 130, 100998.	32.8	12
15	Emission Color Manipulation in Transparent Nanocrystals-in-Glass Composites Fabricated by Solution-Combustion Process. Advanced Optical Materials, 2020, 8, 1901696.	7.3	11
16	Controllable Synthesis of Monodisperse Er ³⁺ -Doped Lanthanide Oxyfluorides Nanocrystals with Intense Mid-Infrared Emission. Scientific Reports, 2016, 6, 35348.	3.3	10
17	Controllable synthesis of Eu ³⁺ -doped Y ₂ O ₃ nanocrystal/glass composites with tunable fluorescence. Journal of the American Ceramic Society, 2020, 103, 4411-4419.	3.8	6
18	An organic microlaser based on an aggregation-induced emission fluorophore for tensile strain sensing. Journal of Materials Chemistry C, 2021, 9, 4888-4894.	5.5	6

#	ARTICLE	IF	CITATIONS
19	Highly thermostable fluoride nanocrystal-in-glass composites (NCCs) for mid-infrared emission. Journal of Materials Chemistry C, 2022, 10, 9882-9890.	5.5	3
20	Tm ³⁺ /Cr ³⁺ Codoped Dual-Phase Transparent Glass-Ceramics for Light Conversion in Photosynthesis. Advanced Photonics Research, 2021, 2, 2000117.	3.6	1
21	Transparent nanocrystal-in-glass composite (NGC) fibers for multifunctional temperature and pressure sensing. Fundamental Research, 2022, , .	3.3	1