

Shuping Liu

List of Publications by Year in descending order

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457
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect Engineering for Quantum Grade Rare-Earth Nanocrystals. ACS Nano, 2020, 14, 9953-9962.	14.6	13
2	A Frequency-Multiplexed Coherent Electro-optic Memory in Rare Earth Doped Nanoparticles. Nano Letters, 2020, 20, 7087-7093.	9.1	11
3	Influence of cerium doping concentration on the optical properties of Ce,Mg:LuAG scintillation ceramics. Journal of the European Ceramic Society, 2018, 38, 3246-3254.	5.7	23
4	Controlled size reduction of rare earth doped nanoparticles for optical quantum technologies. RSC Advances, 2018, 8, 37098-37104.	3.6	16
5	Effect of Li ⁺ ions co-doping on luminescence, scintillation properties and defects characteristics of LuAG:Ce ceramics. Optical Materials, 2017, 64, 245-249.	3.6	22
6	Composition and properties tailoring in Mg ²⁺ codoped non-stoichiometric LuAG:Ce,Mg scintillation ceramics. Journal of the European Ceramic Society, 2017, 37, 1689-1694.	5.7	17
7	Effect of reducing Lu ³⁺ content on the fabrication and scintillation properties of non-stoichiometric Lu _{3-x} Al ₅ O ₁₂ :Ce ceramics. Optical Materials, 2017, 63, 179-184.	3.6	6
8	Towards Bright and Fast Lu ₃ Al ₅ O ₁₂ :Ce,Mg Optical Ceramics Scintillators. Advanced Optical Materials, 2016, 4, 731-739.	7.3	87
9	Optical, luminescence and scintillation characteristics of non - stoichiometric LuAG:Ce ceramics. Journal of Luminescence, 2016, 169, 72-77.	3.1	24
10	Fabrication of Gd ₂ O ₂ S: Pr, Ce, F Scintillation Ceramics by Pressureless Sintering in Nitrogen Atmosphere. International Journal of Applied Ceramic Technology, 2015, 12, E249.	2.1	8
11	Antisite defects in nonstoichiometric Lu ₃ Al ₅ O ₁₂ :Ce ceramic scintillators. Physica Status Solidi (B): Basic Research, 2015, 252, 1993-1999.	1.5	24
12	Fabrication and Scintillation Performance of Nonstoichiometric LuAG:Ce Ceramics. Journal of the American Ceramic Society, 2015, 98, 510-514.	3.8	25
13	O ²⁺ centers in LuAG:Ce,Mg ceramics. Physica Status Solidi - Rapid Research Letters, 2015, 9, 245-249.	2.4	35
14	Optical and scintillation properties of Gd ₂ O ₂ S: Pr, Ce, F ceramics fabricated by spark plasma sintering. Ceramics International, 2015, 41, 2576-2581.	4.8	17
15	Effect of Mg ²⁺ co-doping on the scintillation performance of LuAG:Ce ceramics. Physica Status Solidi - Rapid Research Letters, 2014, 8, 105-109.	2.4	142
16	Fabrication, microstructure and properties of highly transparent Ce ³⁺ :Lu ₃ Al ₅ O ₁₂ scintillator ceramics. Optical Materials, 2014, 36, 1973-1977.	3.6	25
17	The radiation hardness of Pr:LuAG scintillating ceramics. Ceramics International, 2014, 40, 3715-3719.	4.8	24