

Daniel Rutstrom

List of Publications by Year in descending order

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114
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal growth and scintillation properties of pure and Tl-doped Cs ₃ Cu ₂ I ₅ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 991, 164963.	1.6	35
2	Unraveling the Critical Role of Site Occupancy of Lithium Codopants in Lu ₂ SiO ₅ :Ce ³⁺ Single-Crystalline Scintillators. ACS Applied Materials & Interfaces, 2019, 11, 8194-8201.	8.0	24
3	Europium concentration effects on the scintillation properties of Cs ₄ SrI ₆ :Eu and Cs ₄ CaI ₆ :Eu single crystals for use in gamma spectroscopy. Journal of Luminescence, 2019, 216, 116740.	3.1	14
4	Investigation of CeBr ₃ scintillators. Journal of Crystal Growth, 2020, 531, 125365.	1.5	12
5	Crystal growth and scintillation properties of new ytterbium-activated scintillators Cs ₄ CaI ₆ :Yb and Cs ₄ SrI ₆ :Yb. Optical Materials, 2020, 110, 110536.	3.6	12
6	Discovery of New Compounds and Scintillators of the A ₄ BX ₆ Family: Crystal Structure, Thermal, Optical, and Scintillation Properties. Crystal Growth and Design, 2018, 18, 5220-5230.	3.0	7
7	Growth of large size (≈38 mm diameter) KCaI ₃ :Eu scintillator crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 8-14.	1.6	6
8	Investigating new activators for small-bandgap LaX ₃ (X = Br, I) scintillators. Journal of Crystal Growth, 2018, 483, 251-257.	1.5	2