

Stephen Derenzo

List of Publications by Year in descending order

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9
papers

217
citations

1684188
5
h-index

1588992
8
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9
all docs

9
docs citations

9
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Monte Carlo calculations of the extraction of scintillation light from cryogenic N-type GaAs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1034, 166803.	1.6	2
2	How silicon and boron dopants govern the cryogenic scintillation properties of N-type GaAs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 989, 164957.	1.6	3
3	Monte Carlo Calculations of the Detection Efficiency of Composite Scintillator Arrays for Fast and Moderated Neutrons, and for Gamma-Ray Spectroscopy. IEEE Transactions on Nuclear Science, 2020, 67, 888-893.	2.0	0
4	GaAs as a Bright Cryogenic Scintillator for the Detection of Low-Energy Electron Recoils From MeV/c^2 Dark Matter. IEEE Transactions on Nuclear Science, 2019, 66, 2333-2337.	2.0	3
5	Cryogenic scintillation properties of <i>n</i> -type GaAs for the direct detection of MeV/c^2 dark matter. Journal of Applied Physics, 2018, 123, .	2.5	15
6	Optimized scintillator YAG:Pr nanoparticles for X-ray inducible photodynamic therapy. Materials Letters, 2018, 228, 49-52.	2.6	8
7	Direct detection of sub-GeV dark matter with scintillating targets. Physical Review D, 2017, 96, .	4.7	110
8	Identification and development of nanoscintillators for biotechnology applications. Journal of Luminescence, 2014, 154, 569-577.	3.1	27
9	New scintillators discovered by high-throughput screening. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 247-250.	1.6	49