

Rosalinde Pots

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

276
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental time resolution limits of modern SiPMs and TOF-PET detectors exploring different scintillators and Cherenkov emission. <i>Physics in Medicine and Biology</i> , 2020, 65, 025001.	3.0	153
2	Enhancing Light Extraction of Inorganic Scintillators Using Photonic Crystals. <i>Crystals</i> , 2018, 8, 78.	2.2	43
3	Vacuum ultraviolet silicon photomultipliers applied to BaF ₂ cross-luminescence detection for high-rate ultrafast timing applications. <i>Physics in Medicine and Biology</i> , 2021, 66, 114002.	3.0	28
4	Design of a 56-GJ Twin Solenoid and Dipoles Detector Magnet System for the Future Circular Collider. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, 26, 1-6.	1.7	13
5	Exploiting Cross-Luminescence in BaF ₂ for Ultrafast Timing Applications Using Deep-Ultraviolet Sensitive HPK Silicon Photomultipliers. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	12
6	Improving light output and coincidence time resolution of scintillating crystals using nanoimprinted photonic crystal slabs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 940, 254-261.	1.6	11
7	Enhanced Scintillation Light Extraction Using Nanoimprinted Photonic Crystals. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 1059-1065.	2.0	10
8	Photonic Crystal Slabs Applied to Inorganic Scintillators. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 2191-2195.	2.0	6