

Dejun Han

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

109
citations

1307594

7
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface enhanced Raman scattering (SERS) spectra of trinitrotoluene in silver colloids prepared by microwave heating method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 387-391.	3.9	32
2	Position Sensitive Silicon Photomultiplier With Intrinsic Continuous Cap Resistive Layer. <i>IEEE Transactions on Electron Devices</i> , 2014, 61, 3229-3232.	3.0	11
3	Recovery Time of Silicon Photomultiplier with Epitaxial Quenching Resistors. <i>Instruments</i> , 2017, 1, 5.	1.8	9
4	Realization of a time-correlated photon counting technique for fluorescence analysis. <i>Biomedical Optics Express</i> , 2020, 11, 2205.	2.9	9
5	New Distortion Correction Algorithm for Two-Dimensional Tetra-Lateral Position-Sensitive Silicon Photomultiplier. <i>IEEE Electron Device Letters</i> , 2017, 38, 228-231.	3.9	8
6	A Square-Bordered Position-Sensitive Silicon Photomultiplier Toward Distortion-Free Performance With High Spatial Resolution. <i>IEEE Electron Device Letters</i> , 2020, 41, 1802-1805.	3.9	8
7	Feasibility Study on Silicon Photomultiplier With Epitaxial Quenching Resistors as the Readout for PET Detectors. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 17-21.	2.0	7
8	High-Time Resolved Two-Dimensional Tetra-Lateral Position-Sensitive Silicon Photomultiplier. <i>IEEE Electron Device Letters</i> , 2018, 39, 232-235.	3.9	6
9	One-dimensional single-photon position-sensitive silicon photomultiplier and its application in Raman spectroscopy. <i>Optics Express</i> , 2017, 25, 22820.	3.4	5
10	Time-Resolving Characteristics of Pixel- and Charge-Division-Type Position-Sensitive SiPMs With Epitaxial Quenching Resistors. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 2239-2243.	3.0	4
11	The Timing Resolution of IHEP-NDL LGAD Sensors With Different Active Layer Thicknesses. <i>IEEE Transactions on Nuclear Science</i> , 2021, 68, 2309-2314.	2.0	4
12	Progresses of silicon photomultiplier technologies with epitaxial quenching resistors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 912, 252-254.	1.6	3
13	Ultra-Low Level Light Detection Based on the Poisson Statistics Algorithm and a Double Time Windows Technique With Silicon Photomultiplier. <i>IEEE Journal of the Electron Devices Society</i> , 2019, 7, 722-727.	2.1	2
14	Single-photon image sensor at room temperature with only four anodes. <i>Optics Express</i> , 2019, 27, 21194.	3.4	1
15	A Feasibility Study of Position-Sensitive Silicon Photomultiplier for Application in Scintillating Fiber Tracker. , 2018, , .		0
16	Feasibility of High-Resolution PET Detector Readout by 2-D Tetra-Lateral Position-Sensitive Silicon Photomultiplier. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 621-625.	3.7	0