

# WeiWei Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/882997/publications.pdf>

Version: 2024-02-01

16  
papers

96  
citations

1684188  
5  
h-index

1474206  
9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary electron emission characteristics of the Al <sub>2</sub> O <sub>3</sub> /MgO double-layer structure prepared by atomic layer deposition. <i>Ceramics International</i> , 2021, 47, 9866-9872.	4.8	13
2	A sealed X-ray microchannel plate imager with CsI photocathode to improve quantitative precision of framing camera. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1005, 165404.	1.6	3
3	High-performance solid-state photon-enhanced thermionic emission solar energy converters with graded bandgap window-layer. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 055502.	2.8	3
4	Theoretical and experimental investigation of secondary electron emission characteristics of MgO coating produced by atomic layer deposition. <i>Ceramics International</i> , 2020, 46, 8352-8357.	4.8	14
5	The analysis of electron scattering among multiplying layer in EBAPS using optimized Monte Carlo method. <i>Modern Physics Letters B</i> , 2020, 34, 2050398.	1.9	4
6	Theoretical and experimental investigation of secondary electron emission characteristics of ALD-ZnO conductive films. <i>Journal of Applied Physics</i> , 2020, 128, 065102.	2.5	4
7	Quantum efficiency of transmission-mode graded bandgap Al <sub>x</sub> Ga <sub>1-x</sub> As/GaAs photocathode. <i>Journal of Physics: Conference Series</i> , 2020, 1676, 012220.	0.4	2
8	Temperature-Dependent Analysis of Solid-State Photon-Enhanced Thermionic Emission Solar Energy Converter. <i>Energies</i> , 2020, 13, 1554.	3.1	4
9	Secondary electron emission characteristics of Al <sub>2</sub> O <sub>3</sub> coatings prepared by atomic layer deposition. <i>AIP Advances</i> , 2019, 9, .	1.3	19
10	High-Sensitivity and Long-Life Microchannel Plate Processed by Atomic Layer Deposition. <i>Nanoscale Research Letters</i> , 2019, 14, 153.	5.7	8
11	Influence of energy fluence and overlapping rate of femtosecond laser on surface roughness of Ti-6Al-4V. <i>Optical Engineering</i> , 2019, 58, 1.	1.0	7
12	Optimum design of electron bombarded active pixel sensor for low-level light single photon imaging. , 2019, , .		1
13	Two-dimensional photon counting imaging detector based on PCB delay line anode. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
14	Simulating the spatial resolution of the framing camera. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
15	A new x-ray framing camera with picoseconds time resolution. , 2015, , .		0
16	Effects of rapid thermal annealing on ohmic contact of AlGaIn/GaN HEMTs. <i>Journal of Semiconductors</i> , 2014, 35, 026004.	3.7	14