

WeiWei Cao

List of Publications by Year in descending order

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16
papers

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1684188

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1474206

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16
all docs

16
docs citations

16
times ranked

69
citing authors

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