

Yong Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Study on the Effect of Laser Parameters on the SEY of Aluminum Alloy. IEEE Transactions on Nuclear Science, 2019, 66, 609-615.	2.0	9
2	The Effect of Ultrasonic Cleaning on the Secondary Electron Yield, Surface Topography, and Surface Chemistry of Laser Treated Aluminum Alloy. Materials, 2020, 13, 296.	2.9	9
3	Laser Induced Nano and Micro Structures of Molybdenum Surface Applied in Multistage Depressed Collector for Secondary Electron Suppression. Applied Sciences (Switzerland), 2019, 9, 4374.	2.5	8
4	The Activation of Ti-Zr-V-Hf Non-Evaporable Getter Films with Open-Cell Copper Metal Foam Substrates. Materials, 2020, 13, 4650.	2.9	7
5	Laser Processed Oxygen-Free High-Conductivity Copper with Ti and Tiâ€“Zrâ€“Vâ€“Hf Films Applied in Neutron Tube. Applied Sciences (Switzerland), 2019, 9, 4940.	2.5	5
6	Effect of the film thickness on pumping properties of Tiâ€“Zrâ€“V coating. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1029, 166474.	1.6	5
7	Non-Evaporable Getter Ti-V-Hf-Zr Film Coating on Laser-Treated Aluminum Alloy Substrate for Electron Cloud Mitigation. Coatings, 2019, 9, 839.	2.6	4
8	Preparation and properties characterization of a novel soft robots partially made of silicone/W-based composites for gamma ray shielding. Progress in Nuclear Energy, 2020, 130, 103531.	2.9	2
9	Study on X-ray Induced Two-Dimensional Thermal Shock Waves in Carbon/Phenolic. Materials, 2021, 14, 3553.	2.9	2
10	Equivalent Analysis of Thermo-Dynamic Blow-Off Impulse under X-ray Irradiation. Applied Sciences (Switzerland), 2021, 11, 8853.	2.5	2
11	The Blow-Off Impulse Equivalence of Typical Missile Homogeneous Al-Alloy under Multienergy Composite Spectrum Electron Beam and Powerful Pulsed X-ray. Materials, 2021, 14, 5002.	2.9	2
12	Structural and Secondary Electron Yield Properties of Titaniumâ€“Palladium Films with Laser-Treated Copper Substrate for Application in Neutron Generators. Materials, 2021, 14, 1222.	2.9	1
13	The Characterization of Silicone-Tungsten-Based Composites as Flexible Gamma-Ray Shields. Materials, 2021, 14, 5970.	2.9	1
14	Activation characterization of a novel quinary alloy Tiâ€“Zrâ€“Vâ€“Hfâ€“Nb non-evaporable getters by x-ray photoelectron spectroscopy. Review of Scientific Instruments, 2022, 93, .	1.3	1
15	Influence of Film Coating Thickness on Secondary Electron Emission Characteristics of Non-Evaporable Getter Ti-Hf-V-Zr Coated Open-Cell Copper Foam Substrates. Materials, 2022, 15, 2185.	2.9	0