

Yong Gao

List of Publications by Year in descending order

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