

Hamad Albrithen

List of Publications by Year in descending order

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times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Thickness dependence of the response of metal-dioxide-based micromechanical sensors for sensitive gamma-ray detection. Applied Radiation and Isotopes, 2022, 186, 110225.	1.5	1
2	Ultrasensitive detection of low-dose gamma radiation using polymeric thin films on microelectromechanical system-based sensors. Journal of Nuclear Science and Technology, 2022, 59, 1567-1575.	1.3	0
3	Exploiting the properties of TiO ₂ thin films as a sensing layer on (MEMS)-based sensors for radiation dosimetry applications. AIP Advances, 2021, 11, .	1.3	6
4	Formation of High-Performance Multi-Cation Halide Perovskites Photovoltaics by CsPbI ₃ /RbPbI ₃ Seed-Assisted Heterogeneous Nucleation. Advanced Energy Materials, 2021, 11, 2003785.	19.5	32
5	Benzylammonium-Mediated Formamidinium Lead Iodide Perovskite Phase Stabilization for Photovoltaics. Advanced Functional Materials, 2021, 31, 2101163.	14.9	28
6	Quartz Tuning Fork Sensor-Based Dosimetry for Sensitive Detection of Gamma Radiation. Materials, 2021, 14, 7035.	2.9	4
7	Halide Versus Nonhalide Salts: The Effects of Guanidinium Salts on the Structural, Morphological, and Photovoltaic Performances of Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900234.	5.8	19
8	Measuring anisotropic thermal conductivity of aluminum nitride films with the ultra-fast hot strip technique. International Journal of Thermal Sciences, 2020, 151, 106259.	4.9	3
9	Influence of composition on the external quantum efficiency of reduced graphene oxide/carbon nanoparticle based photodetector used for human body IR detection. RSC Advances, 2019, 9, 18996-19005.	3.6	6
10	Transient Liquid Phase Bonding of Ti-6Al-4V and Mg-AZ31 Alloys Using Zn Coatings. Materials, 2019, 12, 769.	2.9	17
11	Controlled synthesis and photoluminescence properties of In ₂ O ₃ rods with dodecahedron In ₂ O ₃ microcrystals on top. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700050.	1.8	2
12	SrZnO nanostructures grown on templated <0001> Al ₂ O ₃ substrates by pulsed laser deposition. AIP Advances, 2017, 7, 095220.	1.3	0
13	Substrate-dependent thermal conductivity of aluminum nitride thin-films processed at low temperature. Applied Physics Letters, 2014, 105, .	3.3	17
14	Tailoring of CdS Nano Films Through CBD-Isochronal Synthesis For PV Applications. Materials Research Society Symposia Proceedings, 2012, 1396, .	0.1	0
15	Investigating GaSb(001) Dry Etching by ICP-RIE on a non-Silicon Containing Sample Holder with no Organic Gases. Materials Research Society Symposia Proceedings, 2012, 1396, .	0.1	0
16	Optical and Spectroscopic Ellipsometric Study of Indium Boron Nitride Sputtered Thin Films with Low Boron Concentration. Materials Research Society Symposia Proceedings, 2011, 1307, 1.	0.1	0
17	Sensitivity enhancement of microelectromechanical sensors using femtosecond laser for biological and chemical applications. Surface and Interface Analysis, 0, , .	1.8	1