

Hamad Albrithen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Formation of High-Performance Multi-Cation Halide Perovskites Photovoltaics by $\text{CsPbI}_3/\text{RbPbI}_3$ Seed-Assisted Heterogeneous Nucleation. <i>Advanced Energy Materials</i> , 2021, 11, 2003785.	19.5	32
2	Benzylammonium-Mediated Formamidinium Lead Iodide Perovskite Phase Stabilization for Photovoltaics. <i>Advanced Functional Materials</i> , 2021, 31, 2101163.	14.9	28
3	Halide Versus Nonhalide Salts: The Effects of Guanidinium Salts on the Structural, Morphological, and Photovoltaic Performances of Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900234.	5.8	19
4	Substrate-dependent thermal conductivity of aluminum nitride thin-films processed at low temperature. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	17
5	Transient Liquid Phase Bonding of Ti-6Al-4V and Mg-AZ31 Alloys Using Zn Coatings. <i>Materials</i> , 2019, 12, 769.	2.9	17
6	Influence of composition on the external quantum efficiency of reduced graphene oxide/carbon nanoparticle based photodetector used for human body IR detection. <i>RSC Advances</i> , 2019, 9, 18996-19005.	3.6	6
7	Exploiting the properties of TiO ₂ thin films as a sensing layer on (MEMS)-based sensors for radiation dosimetry applications. <i>AIP Advances</i> , 2021, 11, .	1.3	6
8	Quartz Tuning Fork Sensor-Based Dosimetry for Sensitive Detection of Gamma Radiation. <i>Materials</i> , 2021, 14, 7035.	2.9	4
9	Measuring anisotropic thermal conductivity of aluminum nitride films with the ultra-fast hot strip technique. <i>International Journal of Thermal Sciences</i> , 2020, 151, 106259.	4.9	3
10	Controlled synthesis and photoluminescence properties of In ₂ O ₃ rods with dodecahedron In ₂ O ₃ microcrystals on top. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700050.	1.8	2
11	Thickness dependence of the response of metal-dioxide-based micromechanical sensors for sensitive gamma-ray detection. <i>Applied Radiation and Isotopes</i> , 2022, 186, 110225.	1.5	1
12	Sensitivity enhancement of microelectromechanical sensors using femtosecond laser for biological and chemical applications. <i>Surface and Interface Analysis</i> , 0, , .	1.8	1
13	Optical and Spectroscopic Ellipsometric Study of Indium Boron Nitride Sputtered Thin Films with Low Boron Concentration. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1307, 1.	0.1	0
14	Tailoring of CdS Nano Films Through CBD-Isochronal Synthesis For PV Applications. <i>Materials Research Society Symposia Proceedings</i> , 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. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1396, .	0.1	0
16	SrZnO nanostructures grown on templated <0001> Al ₂ O ₃ substrates by pulsed laser deposition. <i>AIP Advances</i> , 2017, 7, 095220.	1.3	0
17	Ultrasensitive detection of low-dose gamma radiation using polymeric thin films on microelectromechanical system-based sensors. <i>Journal of Nuclear Science and Technology</i> , 2022, 59, 1567-1575.	1.3	0