

Rabi Khanal

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

390
citations

1163117

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839539

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19
all docs

19
docs citations

19
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structure and Properties of Amorphous Indium Oxide. <i>Chemistry of Materials</i> , 2014, 26, 5401-5411.	6.7	179
2	Composition-dependent structural and transport properties of amorphous transparent conducting oxides. <i>Physical Review B</i> , 2015, 91, .	3.2	37
3	Cation Size Effects on the Electronic and Structural Properties of Solution-Processed In ^x O Thin Films. <i>Advanced Electronic Materials</i> , 2015, 1, 1500146.	5.1	36
4	Low temperature synthesis and characterization of zinc gallate quantum dots for optoelectronic applications. <i>Journal of Alloys and Compounds</i> , 2018, 740, 567-573.	5.5	29
5	Characterization of U-10Zr-2Sn-2Sb and U-10Zr-2Sn-2Sb-4Ln to assess Sn+Sb as a mixed additive system to bind lanthanides. <i>Journal of Nuclear Materials</i> , 2018, 510, 210-218.	2.7	19
6	Impact of iodine antisite (IPb) defects on the electronic properties of the (110) CH ₃ NH ₃ PbI ₃ surface. <i>Journal of Chemical Physics</i> , 2018, 149, 164704.	3.0	17
7	Evaluation of Tellurium as a Fuel Additive in Neodymium-Containing U-Zr Metallic Fuel. <i>Scientific Reports</i> , 2019, 9, 16043.	3.3	11
8	Long-range structural correlations in amorphous ternary In-based oxides. <i>Vacuum</i> , 2015, 114, 142-149.	3.5	9
9	Atomic structure and electronic properties of lead and tin based hybrid halide perovskite surface for photovoltaic applications. <i>AIP Advances</i> , 2019, 9, .	1.3	9
10	Interactions and immobilization of lanthanides with dopants in uranium-based metallic fuels. <i>Journal of Nuclear Materials</i> , 2020, 540, 152372.	2.7	9
11	Role of Chemistry and Crystal Structure on the Electronic Defect States in Cs-Based Halide Perovskites. <i>Materials</i> , 2021, 14, 1032.	2.9	7
12	Selective Crystal Growth and Structural, Optical, and Electronic Studies of Mn ₃ Ta ₂ O ₈ . <i>Inorganic Chemistry</i> , 2015, 54, 6513-6519.	4.0	6
13	Nd, SbNd and Sb ₃ Nd ₄ and their interactions with the cladding alloy HT9. <i>Journal of Nuclear Materials</i> , 2020, 541, 152387.	2.7	5
14	Investigations on the electronic properties and effect of chitosan capping on the structural and optical properties of zinc aluminate quantum dots. <i>Applied Surface Science</i> , 2022, 579, 152162.	6.1	5
15	A novel approach to selection of dopant to immobilize neodymium in uranium-based metallic fuels. <i>Journal of Nuclear Materials</i> , 2020, 529, 151922.	2.7	4
16	A study of magnetism in disordered Pt ^x Mn, Pd ^x Mn and Ni ^x Mn alloys: an augmented space recursion approach. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 295501.	1.8	3
17	Study of Structure and Electronic Properties of Heterointerfaces for Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4141-4151.	3.1	3
18	Role of zirconium in neodymium-dopants interactions within uranium-based metallic fuels. <i>Nuclear Materials and Energy</i> , 2021, 26, 100912.	1.3	2