

Rabi Khanal

List of Publications by Year in descending order

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18
papers

390
citations

1163117

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839539

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19
docs citations

19
times ranked

690
citing authors

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