

Chernet Amente Geffe

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

42
citations

1937685

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1720034

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9
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	A DFT+U study of site dependent Fe-doped TiO ₂ diluted magnetic semiconductor material: Room-temperature ferromagnetism and improved semiconducting properties. AIP Advances, 2022, 12, .	1.3	7
2	Sodium-ion diffusion studies of the cathode/electrolyte interfaces (Na ₂ O ₂ @Na ₂ CO ₃ , <i>x</i> =1 and 2) and discharge products of non-aqueous rechargeable sodium-air batteries. Journal of Materials Chemistry A, 2022, 10, 8501-8514.	10.3	6
3	Investigation of the Impact of Active Layer and Charge Transfer Layer Materials on the Performance of Polymer Solar Cells through Simulation. Advances in Materials Science and Engineering, 2022, 2022, 1-7.	1.8	3
4	Rational Design of Biaxial Tensile Strain for Boosting Electronic and Ionic Conductivities of Na ₂ MnSiO ₄ for Rechargeable Sodium-ion Batteries. ChemistryOpen, 2022, 11, .	1.9	3
5	Morphology and surface analyses for CH ₃ NH ₃ PbI ₃ perovskite thin films treated with versatile solvent/antisolvent vapors. RSC Advances, 2021, 11, 17789-17799.	3.6	10
6	Fast 3D-lithium-ion diffusion and high electronic conductivity of Li ₂ MnSiO ₄ surfaces for rechargeable lithium-ion batteries. RSC Advances, 2021, 11, 9721-9730.	3.6	10
7	Effects of magnetic field, electric field, and magnetic anisotropic energy on the magnetic properties of Fe alloyed GaSb diluted magnetic semiconductor. AIP Advances, 2020, 10, .	1.3	1
8	Low temperature anomaly of light stimulated magnetization and heat capacity of the 1D diluted magnetic semiconductors. AIP Advances, 2018, 8, 035317.	1.3	0
9	EFFECTS OF PHOTO-EXCITATION AND MAGNON SCATTERING ON FERROMAGNETIC TRANSITION TEMPERATURE OF THE DILUTED MAGNETIC SEMICONDUCTOR (Ga _{1-x} ,) Tj ETQq1 1 0.784314 rgBT /Over		