Chernet Amente Geffe

List of Publications by Year
in descending order

9 papers	42 citations	1937685 4 h-index	1720034 7 g-index
9 all docs	9 docs citations	9 times ranked	21 citing authors

#	Article	IF	Citations
1	Morphology and surface analyses for CH₃NH₃PbI₃perovskite thin films treated with versatile solventâ€“antisolvent vapors. RSC Advances, 2021, 11, 17789-17799.	3.6	10
2	Fast 3D-lithium-ion diffusion and high electronic conductivity of Li₂MnSiO₄ surfaces for rechargeable lithium-ion batteries. RSC Advances, 2021, 11, 9721-9730.	3.6	10
3	A DFT+U study of site dependent Fe-doped TiO2 diluted magnetic semiconductor material: Room-temperature ferromagnetism and improved semiconducting properties. AIP Advances, 2022, 12, .	1.3	7
4	Sodium-ion diffusion studies of the cathodeâ€“electrolyte interfaces (Na_xO₂@Na₂CO₃, x=1 and 2) and discharge products of non-aqueous rechargeable sodiumâ€“air batteries. Journal of Materials Chemistry A, 2022, 10, 8501-8514.	10.3	6
5	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
6	Rational Design of Biaxial Tensile Strain for Boosting Electronic and Ionic Conductivities of Na ₂ MnSiO ₄ for Rechargeable Sodiumâ€ion Batteries. ChemistryOpen, 2022, 11, .	1.9	3
7	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	1.3	3
8	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
9	Low temperature anomaly of light stimulated magnetization and heat capacity of the 1D diluted magnetic semiconductors. AIP Advances, 2018, 8, 035317.	1.3	0