

Alireza Mostafaei

List of Publications by Year in descending order

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6
docs citations

6
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Y2CF2 and Lu2CF2 MXenes under applied strain: Electronic, optical, and photocatalytic properties. Journal of Alloys and Compounds, 2022, 922, 166198.	2.8	5
2	Computational studies on the structural, electronic and optical properties of M2CT2 (M=Y, Sc and Ti) MXenes. Journal of Materials Chemistry C, 2021, 9, 10100-10105.	2.8	28
3	Structural, electronic and optical properties of two-dimensional (M _{2/3} Y _{1/3}) ₂ CO ₂ (M = Mo,W) MXene. Nanotechnology, 2021, 32, 015703.	1.3	7
4	Tuning the Electronic and Optical Properties of Sc2CF2 MXene Monolayer Using Biaxial Strain. Journal of Electronic Materials, 2020, 49, 4892-4902.	1.0	16
5	Electronic structures and optical properties of two-dimensional (W ₂ X ₁) ₂ CO ₂ (X=SC,Y) MXene by first-principles calculations. Materials Chemistry and Physics, 2020, 248, 122896.	2.0	3
6	Theoretical studies and tuning the electronic and optical properties of Zr2CO2 monolayer using biaxial strain effect: Modified Becke-Johnson calculation. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 114, 113559.	1.3	30