Koussai Lazaar

List of Publications by Year
in descending order

11 papers	114 citations	1478280 6 h-index	1372474 10 g-index
11 all docs	11 docs citations	11 times ranked	73 citing authors

#	Article	IF	Citations
1	Electronic and vibrational properties of TMDs heterogeneous bilayers, nontwisted bilayers silicene/TMDs heterostructures and photovoltaic heterojunctions of fullerenes with TMDs monolayers. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 104, 155-164.	1.3	30
2	DFT study of electronic and optical properties of silicene functionalized with chemical groups. Journal of Molecular Graphics and Modelling, 2019, 91, 72-79.	1.3	23
3	A DFT study of Janus structure of S and Se in HfSSe layered as a promising candidate for electronic devices. Journal of Molecular Graphics and Modelling, 2020, 96, 107511.	1.3	13
4	A first principle study of the pristine InBi honeycomb film functionalized with fluorine atoms. Journal of Fluorine Chemistry, 2018, 212, 171-179.	0.9	12
5	A DFT study of GaSe/AlN(ZnO) two-dimensional vdW heterostructure practiced as an encouraging photocatalyst for water splitting. Computational Materials Science, 2022, 201, 110912.	1.4	12
6	DFT study of the electronic and vibrational properties of silicene/stanene heterobilayer. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 111, 127-129.	1.3	10
7	A theoretical investigation of the effect of fluorination and bromination on the optoelectronic properties of tetrathienophenazine derivatives. Computational Materials Science, 2020, 177, 109578.	1.4	6
8	Electronic and optical properties of Wâ€“Sn-Z and Wâ€²-Sn-Wâ€² monolayers using density functional theory. Solid State Communications, 2020, 321, 114016.	0.9	5
9	DFT study of optoelectronic and magnetic properties of a novel type perovskites. Chemical Physics, 2018, 513, 120-128.	0.9	2
10	Effect of halogenation on the optical and electronic properties of tetrathienoanthracene and tetrathionoacridine derivatives: A DFT study. Computational Condensed Matter, 2021, 26, e00528.	0.9	1
11	Electronic structure of 2D quaternary materials and of their van der Waals heterostructures. Journal of Applied Physics, 2021, 130, 064304.	1.1	0