Mansoureh Pashangpour

List of Publications by Year
in descending order

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9 papers	184 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	211 citing authors

#	Article	IF	Citations
1	Strain-engineering of anisotropic behavior in the electrical and optical properties of graphene-like borophene hydride, a DFT calculation. Computational Materials Science, 2021, 200, 110778.	3.0	9
2	Electronic transport properties of partially hydrogenated and fluorinated borophene, a DFT study. Computational Materials Science, 2019, 168, 74-80.	3.0	4
3	Design of electromechanical switch based on armchair twisted graphene nanoribbons with doping and defect. Physica B: Condensed Matter, 2019, 569, 48-56.	2.7	6
4	Adsorption of ozone gas molecule on armchair phosphorene nanoribbons with different edge passivation types. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 105, 146-150.	2.7	7
5	DFT study on the chemical sensing properties of B24N24 nanocage toward formaldehyde. Journal of Molecular Graphics and Modelling, 2017, 72, 129-135.	2.4	35
6	Adsorption of carbon monoxide on the pristine, B- and Al-doped C3N nanosheets. Journal of Molecular Modeling, 2015, 21, 116.	1.8	74
7	A comparison of electronic transport properties of graphene with hexagonal boron nitride substrate and graphane, a first principle study. European Physical Journal B, 2013, 86, 1.	1.5	11
8	Energetic, structural, and electronic properties of hydrogenated Al12P12 nanocluster. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1436-1440.	2.7	37
9	Calculation of the effective interaction parameter in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>LDA</mml:mtext><mml:mo>+</mml:mo><mml:mi>U</mml:mi></mml:mrow></mml:math by a linear response approach for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Fe</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mro Physical Review B, 2009, 80, .	3.2	1