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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10982419/publications.pdf

Version: 2024-02-01

12	808	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	494
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DFT study of NH3 adsorption on pristine, Ni- and Si-doped graphynes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2184-2190.	2.1	198
2	Response of Si- and Al-doped graphenes toward HCN: A computational study. Applied Surface Science, 2013, 265, 412-417.	6.1	151
3	NO2 detection by nanosized AlN sheet in the presence of NH3: DFT studies. Applied Surface Science, 2013, 274, 217-220.	6.1	117
4	Ab initio studies of the interaction of formaldehyde with beryllium oxide nanotube. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 68, 22-27.	2.7	106
5	DFT studies of acrolein molecule adsorption on pristine and Al- doped graphenes. Journal of Molecular Modeling, 2013, 19, 3733-3740.	1.8	48
6	The electronic response of nano-sized tube of BeO to CO molecule: a density functional study. Structural Chemistry, 2015, 26, 809-814.	2.0	44
7	Theoretical investigation on the selective detection of SO2 molecule by AlN nanosheets. Journal of Molecular Modeling, 2014, 20, 2439.	1.8	41
8	DFT study of the CO2 and CH4 assisted adsorption on the surface of graphene. Journal of Electron Spectroscopy and Related Phenomena, 2019, 232, 105-110.	1.7	37
9	Selective detection of F2 in the presence of CO, N2, O2, and H2 molecules using a ZnO nanocluster. Monatshefte FÃ¼r Chemie, 2015, 146, 1233-1239.	1.8	34
10	Physisorption to chemisorption transition of H2S on carbon nanocone induced by decoration of Be2O2 cluster. Journal of the Iranian Chemical Society, 2015, 12, 1099-1106.	2.2	26
11	Quasi-planar B36 boron cluster: a new potential basis for ammonia detection. Journal of Molecular Modeling, 2020, 26, 263.	1.8	5
12	TCNE-modified graphene as an adsorbent for N2O molecule: a DFT study. Journal of Molecular Modeling, 2017, 23, 352.	1.8	1