

van der Waals Correction to the Physisorption of Graph

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Large-scale Synthesis of Strain-Tunable Semiconducting Antimonene on Copper Oxide. <i>Advanced Materials</i> , 2020, 32, e1906873.	11.1	46
2	Understanding Cation Selectivity in Carbon Nanopores with Hybrid First-Principles/Continuum Simulations: Implications for Water Desalination and Separation Technologies. <i>ACS Applied Nano Materials</i> , 2020, 3, 9740-9748.	2.4	23
3	Density functionals combined with van der Waals corrections for graphene adsorbed on layered materials. <i>Physical Review B</i> , 2020, 101, .	1.1	8
4	Low-temperature growth of carbon shells on gold and copper nanoparticles in transmission electron microscope. <i>Carbon</i> , 2020, 167, 541-547.	5.4	2
5	Hybridization versus sublattice symmetry breaking in the band gap opening in graphene on Ni(111): A first-principles study. <i>Surface Science</i> , 2020, 700, 121651.	0.8	3
6	Memristive Non-Volatile Memory Based on Graphene Materials. <i>Micromachines</i> , 2020, 11, 341.	1.4	36
7	Describing adsorption of benzene, thiophene, and xenon on coinage metals by using the Zarembka-Kohn theory-based model. <i>Journal of Chemical Physics</i> , 2021, 154, 124705.	1.2	4
8	van der Waals corrected density functionals for cylindrical surfaces: Ammonia and nitrogen dioxide adsorbed on a single-walled carbon nanotube. <i>Physical Review B</i> , 2021, 103, .	1.1	2
9	Atomic Layer Deposition of AlN on Graphene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2000684.	0.8	0
10	Molecule-surface interaction from van der Waals-corrected semilocal density functionals: The example of thiophene on transition-metal surfaces. <i>Physical Review Materials</i> , 2020, 4, .	0.9	13
11	Different bonding type along each crystallographic axis: Computational study of poly(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	7
12	Graphene: Structure, properties, preparation, modification, and applications. , 2022, , 1-24.		0
13	Morphological evolution of thin AlN films grown by atomic layer deposition. <i>Journal of Physics: Conference Series</i> , 2022, 2240, 012005.	0.3	1
14	Graphene, phosphorene and silicene coatings on the (0001) surfaces of hcp metals: Structural stability and hydrophobicity. <i>Materials Today Communications</i> , 2022, 33, 104281.	0.9	0
15	<i>Ab initio</i> study on the stability and electronic property of graphene nanosheets: Applications to batteries. <i>International Journal of Quantum Chemistry</i> , 2023, 123, .	1.0	2
16	Metalloids (B, Si) and non-metal (N, P, S) doped graphene nanosheet as a supercapacitor electrode: A density functional theory study. <i>Materials Today Communications</i> , 2023, 35, 105905.	0.9	1