Pimo He

List of Publications by Year
in descending order

21	211	1163117 8	1058476 14
papers	citations	h-index	g-index

21	21	21	289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonvolatile ferroelectric control of topological states in two-dimensional heterostructures. Physical Review B, 2020, 102, .	3.2	28
2	Electronic structures of CuPc on a Ag(110) surface. Journal of Physics Condensed Matter, 2007, 19, 136002.	1.8	21
3	Origin of interfacial conductivity at complex oxide heterointerfaces: Possibility of electron transfer from water chemistry at surface oxygen vacancies. Physical Review Materials, 2018, 2, .	2.4	19
4	Designing Ultra-flat Bands in Twisted Bilayer Materials at Large Twist Angles: Theory and Application to Two-Dimensional Indium Selenide. Journal of the American Chemical Society, 2022, 144, 3949-3956.	13.7	19
5	Coexistence of Ferroelectricity and Ferromagnetism in One-Dimensional SbN and BiN Nanowires. ACS Applied Materials & Interfaces, 2021, 13, 13517-13523.	8.0	18
6	Monolayer structure of tetracene on Cu (100) surface: Parallel geometry. Journal of Chemical Physics, 2008, 128, 244706.	3.0	14
7	Electronic and structural properties at the interface between iron-phthalocyanine and Cu(110). Journal of Chemical Physics, 2014, 140, 094704.	3.0	12
8	Van der Waals Antiferroelectric Magnetic Tunnel Junction: A First-Principles Study of a CrSe₂/CuInP₂S₆/CrSe₂ Junction. ACS Applied Materials & Interfaces, 2021, 13, 60200-60208.	8.0	11
9	Calcium intercalation underneath N-layer graphene on 6H-SiC(0001). Chemical Physics Letters, 2018, 703, 33-38.	2.6	9
10	The chemisorption of tetracene on Si(100)-2Ã—1 surface. Journal of Chemical Physics, 2009, 131, 044703.	3.0	8
11	Effect of B and O doping on the electronic structure and quantum capacitance of carbon nitride monolayers using first-principles calculations. Journal of Applied Physics, 2021, 129, .	2.5	8
12	Scanning tunneling microscopy and density functional theory investigations on molecular self-assembly of graphene on Ru(0 0 0 1). Applied Surface Science, 2016, 367, 424-431.	6.1	7
13	Electronic properties and adsorption structures of tetracene on the Ag(110) surface. Surface Science, 2015, 641, 135-140.	1.9	6
14	Transportation of molecules with a scanning tunneling microscope. Applied Physics Letters, 2006, 89, 103114.	3.3	5
15	Adsorption geometry of tetracene on SiO2/Si (111) substrate with the balance of moleculeâ€“substrate and intermolecular interaction. Physica B: Condensed Matter, 2010, 405, 990-995.	2.7	5
16	Bottom-up fabrication of graphene on Ru(0001) via molecular self-assembly. Nanotechnology, 2015, 26, 295601.	2.6	5
17	Theoretical prediction of novel ultrafine nanowires formed by Si12C12 cage-like clusters. European Physical Journal D, 2014, 68, 1.	1.3	4
18	Atomic mechanism of the phase transition in monolayer bismuthene on copper oxide. Physical Review Materials, 2021, 5, .	2.4	4

#	Article	IF	Citations
19	The adsorption geometry and molecular self-assembly of graphene for 1,3,5-triphenylbenzene on Cu(111). Surface Science, 2018, 675, 42-46.	1.9	3
20	Effect of Transition Metal and Nitrogen Co-Doping on Quantum Capacitance of Silicene-Based Electrode Materials. Journal of Physical Chemistry C, 2022, 126, 5682-5690.	3.1	3
21	Exploring the Adsorption Mechanism of Tetracene on Ag(110) by STM and Dispersion-Corrected DFT. Crystals, 2020, 10, 13.	2.2	2