

# Pimo He

## List of Publications by Year in descending order

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papers

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citations

1163117

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docs citations

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times ranked

289  
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#	ARTICLE	IF	CITATIONS
1	Designing Ultra-flat Bands in Twisted Bilayer Materials at Large Twist Angles: Theory and Application to Two-Dimensional Indium Selenide. <i>Journal of the American Chemical Society</i> , 2022, 144, 3949-3956.	13.7	19
2	Effect of Transition Metal and Nitrogen Co-Doping on Quantum Capacitance of Silicene-Based Electrode Materials. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5682-5690.	3.1	3
3	Coexistence of Ferroelectricity and Ferromagnetism in One-Dimensional SbN and BiN Nanowires. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13517-13523.	8.0	18
4	Effect of B and O doping on the electronic structure and quantum capacitance of carbon nitride monolayers using first-principles calculations. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	8
5	Atomic mechanism of the phase transition in monolayer bismuthene on copper oxide. <i>Physical Review Materials</i> , 2021, 5, .	2.4	4
6	Van der Waals Antiferroelectric Magnetic Tunnel Junction: A First-Principles Study of a CrSe <sub>2</sub> /CuInP <sub>2</sub> S <sub>6</sub> /CrSe <sub>2</sub> Junction. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60200-60208.	8.0	11
7	Nonvolatile ferroelectric control of topological states in two-dimensional heterostructures. <i>Physical Review B</i> , 2020, 102, .	3.2	28
8	Exploring the Adsorption Mechanism of Tetracene on Ag(110) by STM and Dispersion-Corrected DFT. <i>Crystals</i> , 2020, 10, 13.	2.2	2
9	The adsorption geometry and molecular self-assembly of graphene for 1,3,5-triphenylbenzene on Cu(111). <i>Surface Science</i> , 2018, 675, 42-46.	1.9	3
10	Calcium intercalation underneath N-layer graphene on 6H-SiC(0001). <i>Chemical Physics Letters</i> , 2018, 703, 33-38.	2.6	9
11	Origin of interfacial conductivity at complex oxide heterointerfaces: Possibility of electron transfer from water chemistry at surface oxygen vacancies. <i>Physical Review Materials</i> , 2018, 2, .	2.4	19
12	Scanning tunneling microscopy and density functional theory investigations on molecular self-assembly of graphene on Ru(0001). <i>Applied Surface Science</i> , 2016, 367, 424-431.	6.1	7
13	Electronic properties and adsorption structures of tetracene on the Ag(110) surface. <i>Surface Science</i> , 2015, 641, 135-140.	1.9	6
14	Bottom-up fabrication of graphene on Ru(0001) via molecular self-assembly. <i>Nanotechnology</i> , 2015, 26, 295601.	2.6	5
15	Electronic and structural properties at the interface between iron-phthalocyanine and Cu(110). <i>Journal of Chemical Physics</i> , 2014, 140, 094704.	3.0	12
16	Theoretical prediction of novel ultrafine nanowires formed by Si <sub>12</sub> C <sub>12</sub> cage-like clusters. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	4
17	Adsorption geometry of tetracene on SiO <sub>2</sub> /Si (111) substrate with the balance of molecule–substrate and intermolecular interaction. <i>Physica B: Condensed Matter</i> , 2010, 405, 990-995.	2.7	5
18	The chemisorption of tetracene on Si(100)-2 $\times$ 1 surface. <i>Journal of Chemical Physics</i> , 2009, 131, 044703.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Monolayer structure of tetracene on Cu (100) surface: Parallel geometry. Journal of Chemical Physics, 2008, 128, 244706.	3.0	14
20	Electronic structures of CuPc on a Ag(110) surface. Journal of Physics Condensed Matter, 2007, 19, 136002.	1.8	21
21	Transportation of molecules with a scanning tunneling microscope. Applied Physics Letters, 2006, 89, 103114.	3.3	5