Haitao Yin

List of Publications by Year
in descending order

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13	168	1478505 6	1372567 10
papers	citations	h-index	g-index

13	13	13	251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, photoluminescence and photocatalytic characteristics of Agâ€“ZnO sandwich structures. Journal of Physics and Chemistry of Solids, 2022, 165, 110697.	4.0	7
2	Defect-Induced Different Band Alignment and Transport of All-Phosphorene Devices from First Principles. ACS Applied Electronic Materials, 2022, 4, 2070-2076.	4.3	4
3	Perfect dual spin filtering effect and large magnetoresistance in all-carbon devices based on C18 cyclo molecule from first principles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 441, 128166.	2.1	4
4	Electronic structures of Zn1â^'xGaxO1â^'xNx and band offsets of the ZnO/Zn1â^'xGaxO1â^'xNx heterojunction across the entire concentration range from first principles. Physical Chemistry Chemical Physics, 2021, 24, 375-381.	2.8	0
5	Magnetic proximity, magnetoresistance and spin filtering effect in a binuclear ferric phthalocyanine from first principles. Journal Physics D: Applied Physics, 2020, 53, 035305.	2.8	8
6	Predicting band offset of lattice matched ZnO and BeCdO heterojunction from first principles. Materials Research Letters, 2019, 7, 232-238.	8.7	2
7	Probing an Individual Electron Spin State in a Quantum Dot with Spin Bias. Journal of Nanoscience and Nanotechnology, 2018, 18, 2096-2099.	0.9	0
8	Composition dependent band offsets of ZnO and its ternary alloys. Scientific Reports, 2017, 7, 41567.	3.3	42
9	Spin transport through a junction entirely consisting of molecules from first principles. Applied Physics Letters, 2017, 111, .	3.3	18
10	Spin filtering in transition-metal phthalocyanine molecules from first principles. Frontiers of Physics, 2017, 12, 1.	5.0	13
11	Energy storage performance of V_{n+1}C_n monolayer as electrode material studied by first-principles calculations. RSC Advances, 2016, 6, 54999-55006.	3.6	18
12	Electronic structure of III-V zinc-blende semiconductors from first principles. Physical Review B, 2013, 87, .	3.2	47
13	Theoretical limit of how small we can make MoS2 transistor channels. Journal Physics D: Applied Physics, 0, , .	2.8	5