

Jianhui Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1397014/publications.pdf>

Version: 2024-02-01

16
papers

774
citations

932766

10
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the magnetic properties of Fe ₃ GeTe ₂ by doping with 3d transition-metals. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 396, 127219.	0.9	7
2	DyOCl: A rare-earth based two-dimensional van der Waals material with strong magnetic anisotropy. Physical Review B, 2021, 104, .	1.1	13
3	Rationally Designed High-Performance Spin Filter Based on Two-Dimensional Half-Metal Cr ₂ NO ₂ . Matter, 2019, 1, 1304-1315.	5.0	30
4	Coexistence of piezoelectricity and magnetism in two-dimensional vanadium dichalcogenides. Physical Chemistry Chemical Physics, 2019, 21, 132-136.	1.3	80
5	The effect of Fe vacancies and Cu adhesion on the magnetic properties of Fe ₃ GeTe ₂ . Physical Chemistry Chemical Physics, 2019, 21, 7588-7593.	1.3	11
6	High magnetoresistance in ultra-thin two-dimensional Cr-based MXenes. Nanoscale, 2018, 10, 19492-19497.	2.8	26
7	Stability and electronic properties of sulfur terminated two-dimensional early transition metal carbides and nitrides (MXene). Computational Materials Science, 2018, 153, 303-308.	1.4	46
8	Self-Standing CoP Nanosheets Array: A Three-Dimensional Bifunctional Catalyst Electrode for Overall Water Splitting in both Neutral and Alkaline Media. ChemElectroChem, 2017, 4, 1840-1845.	1.7	345
9	Tuning magnetic properties of Cr ₂ M ₂ C ₃ T ₂ (M = Ti and V) using extensile strain. Computational Materials Science, 2017, 139, 313-319.	1.4	40
10	Tunable electronic and magnetic properties of Cr ₂ M ₂ C ₂ T ₂ (M = Ti or V; T = O, OH or F). Applied Physics Letters, 2016, 109, .	1.5	81
11	Transition Metal Nanostructures: Formation and Stability of Low-Dimensional Structures for Group VIII B and IB Transition Metals: The Role of sd ⁴ Hybridization (Adv. Sci. 4/2016). Advanced Science, 2016, 3, .	5.6	1
12	Investigation of magnetic and electronic properties of transition metal doped Sc ₂ CT ₂ (T = O, OH or F) using a first principles study. Physical Chemistry Chemical Physics, 2016, 18, 12914-12919.	1.3	70
13	Formation and Stability of Low-Dimensional Structures for Group VIII B and IB Transition Metals: The Role of sd ⁴ Hybridization. Advanced Science, 2016, 3, 1500314.	5.6	7
14	Density functional study of hydrogen adsorption and diffusion on Ni-loaded graphene and graphene oxide. International Journal of Quantum Chemistry, 2014, 114, 879-884.	1.0	8
15	Understanding the chiral selectivity of gold nanotubes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2707-2711.	0.9	6
16	A first-principles study on the adhesion of Pt layers to NiO(100) and IrO ₂ (110) surfaces. Journal of Physics Condensed Matter, 2010, 22, 015003.	0.7	3