

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21 papers	255 citations	9 h-index	15 g-index
21 ext. papers	274 ext. citations	3.3 avg, IF	2.84 L-index

#	Paper	IF	Citations
21	First-principle prediction of half-metallic ferrimagnetism of the Heusler alloys Mn_2CoZ ($Z=Al, Ga, Si, Ge$) with a high-ordered structure. <i>Computational Materials Science</i> , 2008 , 42, 600-605	3.2	70
20	Magnetic and optical properties of Cu-doped ZnO nanosheet: First-principles calculations. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2013 , 53, 101-105	3	33
19	Theoretical studies of the magnetism of the first-row adatom on the ZnO nanotube. <i>Applied Surface Science</i> , 2012 , 258, 6621-6626	6.7	24
18	First-principles study of electronic structure for the Laves-phase compounds $HfFe_2$ and HfV_2 . <i>Journal of Alloys and Compounds</i> , 2008 , 448, 53-58	5.7	23
17	First-principles design of silicene/ Sc_2CF_2 heterojunction as a promising candidate for field effect transistor. <i>Journal of Applied Physics</i> , 2015 , 117, 085306	2.5	21
16	First-principles study on the electronic and magnetic properties of InN nanosheets doped with 2p elements. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015 , 67, 1-6	3	17
15	The origin of ferromagnetism in Pd-doped CdS. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 2039-2042	2.8	10
14	Electronic structure and magnetic properties of Laves phase $LuFe_2$. <i>Solid State Communications</i> , 2007 , 142, 477-482	1.6	10
13	High hydrogen storage capacity in calcium-decorated silicene nanostructures. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2072-2078	1.3	9
12	First-principles study of electronic structure of V_2AlC and V_2AlN . <i>Solid State Communications</i> , 2007 , 144, 347-351	1.6	8
11	Palladium and gold nanoparticles on carbon supports as highly efficient catalysts for effective removal of trichloroethylene. <i>Journal of Materials Research</i> , 2018 , 33, 2404-2413	2.5	6
10	Emergence of 2D high-temperature nodal-line half-metal in monolayer AgN. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 27024-27030	3.6	6
9	Electronic structure and magnetic properties of metastable $SmCo_7$ compound 2005 , 48, 325		5
8	Band structures in silicene on monolayer gallium phosphide substrate. <i>Solid State Communications</i> , 2016 , 239, 32-36	1.6	4
7	Hyperpolarizability calculation and kinetic effect of impurities on LVP. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 378-82	4.4	3
6	Half-Dirac semimetals and the quantum anomalous Hall effect in Kagome Cd_2N_3 lattices. <i>Nanoscale Advances</i> , 2021 , 3, 847-854	5.1	3
5	Electronic structure and magnetic properties of $SmCo_7 \square Tix$ 2006 , 49, 38-45		2

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| 4 | Interface morphology and DFT computation of L-valinium fumarate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt B, 162-7 | 4.4 | 1 |
| 3 | Controllable Ground Magnetic States and Exchange Bias in LaMnO ₃ Thin Films by the Design of Stoichiometry Offset. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 838-843 | 3.8 | 0 |
| 2 | Ferromagnetism induced by intrinsic defects and carbon substitution in ZnO nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2013 , 47, 34-39 | 3 | |
| 1 | The electronic structures, magnetism and metastable states of DNA. <i>Science Bulletin</i> , 2006 , 51, 1666-1672 | | |