

Wu-Jun Shi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
19	Prediction of a magnetic Weyl semimetal without spin-orbit coupling and strong anomalous Hall effect in the Heusler compensated ferrimagnet $\text{Ti}_2\text{Mn}_2\text{S}$. Physical Review B, 2018, 97, .	1.1	74
20	Topological Weyl semimetals in $\text{Bi}_2\text{Mn}_2\text{S}$ alloys. Physical Review B, 2018, 97, .	1.1	1
21	Pressure-induced superconductivity and topological quantum phase transitions in a quasi-one-dimensional topological insulator: Bi_4I_4 . Npj Quantum Materials, 2018, 3, .	1.8	34
22	Synthesis and thermoelectric properties of Rashba semiconductor BiTeBr with intensive texture. Rare Metals, 2018, 37, 274-281.	3.6	20
23	Topological surface Fermi arcs in the magnetic Weyl semimetal Co_3S_2 . Physical Review B, 2018, 97, .	1.1	159
24	A coronene-based semiconducting two-dimensional metal-organic framework with ferromagnetic behavior. Nature Communications, 2018, 9, 2637.	5.8	210
25	Topological Quantum Phase Transition and Superconductivity Induced by Pressure in the Bismuth Tellurohalide BiTeI . Advanced Materials, 2017, 29, 1605965.	11.1	51
26	Topological Weyl semimetals in the chiral antiferromagnetic materials Mn_3Ge and Mn_3Sn . New Journal of Physics, 2017, 19, 015008.	1.2	277
27	Superconductivity in Alkaline Earth Metal-Filled Skutterudites $\text{Ba}_x\text{Ir}_4\text{X}_{12}$ ($X = \text{As}, \text{P}$). Journal of the American Chemical Society, 2017, 139, 8106-8109.	6.6	13
28	Prediction of Ideal Topological Semimetals with Triply Degenerate Points in the $\text{NaCu}_3\text{P}_3\text{O}_{10}$. Physical Review Letters, 2017, 119, 256402.	2.9	36
29	Quantum spin Hall phase in $\text{Mo}_2\text{M}_2\text{C}_3\text{O}_2$ ($M = \text{Ti}, \text{Zr}$). Tj ETQq 1.1 0.784314 rgBT / Overlock 10 Tf	2.7	45
30	Two-dimensional rectangular tantalum carbide halides TaCX ($X = \text{Cl}, \text{Br}, \text{I}$): novel large-gap quantum spin Hall insulators. 2D Materials, 2016, 3, 035018.	2.0	21
31	Pressure-driven superconductivity in the transition-metal pentatelluride HfTe_5 . Physical Review B, 2016, 94, .	1.1	46
32	Prediction of the quantum spin Hall effect in monolayers of transition-metal carbides MC ($M = \text{Ti}, \text{Zr}$). Tj ETQq 0 0 0 rgBT / Overlock 10 Tf	2.0	31
33	Converting normal insulators into topological insulators via tuning orbital levels. Physical Review B, 2015, 92, .	1.1	21
34	Large perpendicular magnetic anisotropy of single Co atom on MgO monolayer: A first-principles study. Journal of Applied Physics, 2015, 117, 17B316.	1.1	3
35	Relation between reactivity and electronic structure for $\hat{1}^{\pm}\hat{e}^2\text{L}$, $\hat{1}^2$ - and $\hat{1}^3$ -dicalcium silicate: A first-principles study. Cement and Concrete Research, 2014, 57, 28-32.	4.6	59
36	Two-dimensional pentagonal crystals and possible spin-polarized Dirac dispersion relations. Journal of Applied Physics, 2014, 115, .	1.1	15

#	ARTICLE	IF	CITATIONS
37	Role of Formation of Statistical Aggregates in Chlorophyll Fluorescence Concentration Quenching. Journal of Physical Chemistry B, 2013, 117, 3976-3982.	1.2	22
38	Disorder and spectral line shapes in two-level systems. Chemical Physics Letters, 2013, 582, 66-70.	1.2	1
39	QM/MM Modeling of Environmental Effects on Electronic Transitions of the FMO Complex. Journal of Physical Chemistry B, 2013, 117, 3488-3495.	1.2	52
40	<i>Ab initio</i> study on band-gap narrowing in SrTiO ₃ with Nb-C-Nb codoping. Physical Review B, 2011, 84, .	1.1	54
41	<i>Ab initio</i> study of water adsorption on TiO ₂ -terminated (100) surface of SrTiO ₃ with and without Cr doping. Surface Science, 2010, 604, 1987-1995.	0.8	16