

Razieh Beiranvand

List of Publications by Year in descending order

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15
papers

307
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical investigation of electronic and optical properties of 2D transition metal dichalcogenides MoX ₂ (X=As, Se, Te) from first-principles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 126, 114416.	2.7	14
2	Structural, electronic and optical properties of bulk and monolayer iron diselenide: A density functional study. <i>Physica Scripta</i> , 2021, 96, 065803.	2.5	3
3	Current Transfer Torque and Hall conductance at the ferromagnetic topological insulators junction. <i>Journal of Physics Condensed Matter</i> , 2021, 33, .	1.8	1
4	Hybrid exchangeâ€“correlation energy functionals for accurate prediction of the electronic and optical properties of alkaline-earth metal oxides. <i>Materials Science in Semiconductor Processing</i> , 2021, 135, 106092.	4.0	6
5	Switchable crossed spin conductance in a graphene-based junction: The role of spin-orbit coupling. <i>Scientific Reports</i> , 2020, 10, 2009.	3.3	2
6	Tunable magnetoresistance in spin-orbit coupled graphene junctions. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 111-117.	2.3	5
7	Generating Tunable Magnetism in AlN Nanoribbons Using Anion/Cation Vacancies:a First-Principles Prediction. <i>Brazilian Journal of Physics</i> , 2017, 47, 137-144.	1.4	3
8	Spin-dependent thermoelectric effects in graphene-based superconductor junctions. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	11
9	Nonlocal Andreev entanglements and triplet correlations in graphene with spin-orbit coupling. <i>Physical Review B</i> , 2017, 96, .	3.2	47
10	Tunable anomalous Andreev reflection and triplet pairings in spin-orbit-coupled graphene. <i>Physical Review B</i> , 2016, 94, .	3.2	45
11	Half-metallic ferromagnetism in Mn-doped zigzag AlN nanoribbon from first-principles. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 420, 122-128.	2.3	14
12	Electronic and optical properties of advance semiconductor materials: BN, AlN and GaN nanosheets from first principles. <i>Optik</i> , 2016, 127, 1553-1560.	2.9	58
13	Electronic and magnetic properties of Cd-doped zigzag AlN nanoribbons from first principles. <i>Rare Metals</i> , 2016, 35, 771-778.	7.1	9
14	Electronic and optical properties of h-BN nanosheet: A first principles calculation. <i>Diamond and Related Materials</i> , 2015, 58, 190-195.	3.9	79
15	First principles study of the optical properties of alkaline-earth metal nitrides. <i>Computational Materials Science</i> , 2010, 49, 400-406.	3.0	10