

Ahmad Ranjbar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5449581/publications.pdf>

Version: 2024-02-01

26
papers

2,330
citations

623574

14
h-index

677027

22
g-index

26
all docs

26
docs citations

26
times ranked

2668
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic properties and applications of MXenes: a theoretical review. Journal of Materials Chemistry C, 2017, 5, 2488-2503.	2.7	759
2	OH-terminated two-dimensional transition metal carbides and nitrides as ultralow work function materials. Physical Review B, 2015, 92, .	1.1	342
3	Large-gap two-dimensional topological insulator in oxygen functionalized MXene. Physical Review B, 2015, 92, .	1.1	229
4	Topological insulators in the ordered double transition metals M_2C_2 MXenes		

#	ARTICLE	IF	CITATIONS
19	Second-harmonic generation in atomically thin $1T$ and its possible origin from charge density wave transitions. <i>Physical Review B</i> , 2022, 105, .		
20	Explanation of atomic displacement around lattice vacancies in diamond based on electron delocalization. <i>European Physical Journal B</i> , 2008, 65, 219-223.	0.6	4
21	Effect of lattice relaxation on spin density of nitrogen-vacancy centers in diamond and oscillator strength calculations. <i>European Physical Journal B</i> , 2011, 84, 1-9.	0.6	4
22	Fabrication of Bismuth Titanate ($\text{Bi}_4\text{Ti}_3\text{O}_{12}$) Thin Films: Effect of Annealing Temperature on their Structural and Optical Properties. <i>Scientia Iranica</i> , 2018, .	0.3	4
23	Electronic Structures of Group III-V Element Haeckelite Compounds: A Novel Family of Semiconductors, Dirac Semimetals, and Topological Insulators. <i>Advanced Functional Materials</i> , 0, , 2110930.	7.8	3
24	Many-electron states of the N_2 and N_3 color centers in diamond: A first- principles and many-body study. <i>Physica B: Condensed Matter</i> , 2017, 505, 17-21.	1.3	1
25	On topological materials as photocatalysts for water splitting by visible light. <i>JPhys Materials</i> , 0, , .	1.8	1
26	Correlation between entanglement and spin density in nitrogen-vacancy center of diamond. <i>European Physical Journal D</i> , 2011, 65, 597-603.	0.6	0