

# Bahadir Salmankurt

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

132  
citations

1478505

6  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	First-principles study of structural, mechanical, lattice dynamical and thermal properties of nodal-line semimetals $ZrXY$ ( $X=Si, Ge$ ; $Y=S, Se$ ). Philosophical Magazine, 2017, 97, 175-186.	1.6	31
2	Investigation of structural, mechanical, electronic, optical, and dynamical properties of cubic $BaLiF_3$ , $BaLiH_3$ , and $SrLiH_3$ . Materials Research Express, 2016, 3, 036301.	1.6	25
3	Binding mechanisms of DNA/RNA nucleobases adsorbed on graphene under charging: first-principles van der Waals study. Materials Research Express, 2017, 4, 065401.	1.6	23
4	Structural, electronic, optical, vibrational and transport properties of $CuBX_2$ ( $X = S, Se$ ). Tj ETQq0 0 0 ggBT /Overlock 10 Tf 3.6 17	3.6	17
5	Investigation of the structural, mechanical, dynamical and thermal properties of $CsCaF_3$ and $CsCdF_3$ . Materials Research Express, 2016, 3, 045903.	1.6	10
6	Quantum Simulation of the Silicene and Germanene for Sensing and Sequencing of DNA/RNA Nucleobases. Biosensors, 2021, 11, 59.	4.7	7
7	Interaction mechanism of biomolecules on vacancy defected 2D materials. AIP Conference Proceedings, 2017, , .	0.4	5
8	Modifying of gas adsorption on phosphorene. AIP Conference Proceedings, 2017, , .	0.4	3
9	First-principles studies of the atomic, elastic and vibrational properties of $BaNbO_3$ . AIP Conference Proceedings, 2016, , .	0.4	2
10	Graphene based biosensors. AIP Conference Proceedings, 2016, , .	0.4	2
11	Interactions of amino acids with adatoms(Ti, C, O) decorated graphene via effect of charging. AIP Conference Proceedings, 2017, , .	0.4	2
12	Interaction between Functionalized Graphene with Ti/C and Histidine/Leucine: Effects of Charging. Physics of the Solid State, 2020, 62, 2474-2481.	0.6	2
13	Biological applications of graphene oxide. AIP Conference Proceedings, 2016, , .	0.4	1
14	The structural, electronic, dynamical and thermal properties of $LaSn_3$ and $LaPb_3$ . AIP Conference Proceedings, 2017, , .	0.4	1
15	The Structural, Mechanical, Lattice Dynamical, and Thermal Properties of 3D Dirac Semimetals $BaXBi$ ( $X=Cu, Ag, Au$ ) from First-Principles Calculations. Physica Status Solidi (B): Basic Research, 0, , 2200132.	1.5	1
16	Structural, elastic and vibrational properties of $ScGa_3$ . AIP Conference Proceedings, 2016, , .	0.4	0
17	Theoretical investigation of the structural, electronic, dynamical and thermal properties of $YSn_3$ and $YPb_3$ . AIP Conference Proceedings, 2017, , .	0.4	0
18	Effects of electric field on the properties of 2D topological insulators. AIP Conference Proceedings, 2018, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Computational aspects of nanostructures: PW vs AO calculations. AIP Conference Proceedings, 2019, , .	0.4	0