

# Bahadir Salmankurt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1250472/publications.pdf>

Version: 2024-02-01

19  
papers

132  
citations

1477746

6  
h-index

1281420

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Simulation of the Silicene and Germanene for Sensing and Sequencing of DNA/RNA Nucleobases. Biosensors, 2021, 11, 59.	2.3	7
2	Interaction between Functionalized Graphene with Ti/C and Histidine/Leucine: Effects of Charging. Physics of the Solid State, 2020, 62, 2474-2481.	0.2	2
3	Computational aspects of nanostructures: PW vs AO calculations. AIP Conference Proceedings, 2019, , .	0.3	0
4	Effects of electric field on the properties of 2D topological insulators. AIP Conference Proceedings, 2018, , .	0.3	0
5	Interactions of amino acids with adatoms(Ti, C, O) decorated graphene via effect of charging. AIP Conference Proceedings, 2017, , .	0.3	2
6	Modifying of gas adsorption on phosphorene. AIP Conference Proceedings, 2017, , .	0.3	3
7	Interaction mechanism of biomolecules on vacancy defected 2D materials. AIP Conference Proceedings, 2017, , .	0.3	5
8	The structural, electronic, dynamical and thermal properties of LaSn <sub>3</sub> and LaPb <sub>3</sub> . AIP Conference Proceedings, 2017, , .	0.3	1
9	Theoretical investigation of the structural, electronic, dynamical and thermal properties of YSn <sub>3</sub> and YPb <sub>3</sub> . AIP Conference Proceedings, 2017, , .	0.3	0
10	Binding mechanisms of DNA/RNA nucleobases adsorbed on graphene under charging: first-principles van der Waals study. Materials Research Express, 2017, 4, 065401.	0.8	23
11	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.	0.7	31
12	First-principles studies of the atomic, elastic and vibrational properties of BaNbO <sub>3</sub> . AIP Conference Proceedings, 2016, , .	0.3	2
13	Structural, elastic and vibrational properties of ScGa <sub>3</sub> . AIP Conference Proceedings, 2016, , .	0.3	0
14	Graphene based biosensors. AIP Conference Proceedings, 2016, , .	0.3	2
15	Investigation of the structural, mechanical, dynamical and thermal properties of CsCaF <sub>3</sub> and CsCdF <sub>3</sub> . Materials Research Express, 2016, 3, 045903.	0.8	10
16	Biological applications of graphene oxide. AIP Conference Proceedings, 2016, , .	0.3	1
17	Structural, electronic, optical, vibrational and transport properties of CuBX <sub>2</sub> (X = S, Se), Tj ETQq1 1 0.784314 rgBT /Overdo 1.7 17	0.784314	17
18	Investigation of structural, mechanical, electronic, optical, and dynamical properties of cubic BaLiF <sub>3</sub> , BaLiH <sub>3</sub> , and SrLiH <sub>3</sub> . Materials Research Express, 2016, 3, 036301.	0.8	25

#	ARTICLE	IF	CITATIONS
19	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.	0.7	1