

# Sevil Sarikurt

## List of Publications by Year in descending order

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13  
papers

380  
citations

1170033

9  
h-index

1427216

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum and lithium sulfur batteries: a review of recent progress and future directions. Journal of Physics Condensed Matter, 2021, 33, 253002.	0.7	7
2	Controlling electronic structure of single-layered $\text{HfX}_3$ ( $\text{X}=\text{S}, \text{Se}$ ) trichalcogenides through systematic Zr doping. Journal of Materials Science, 2020, 55, 660-669.	1.7	12
3	High-throughput computational screening of 2D materials for thermoelectrics. Journal of Materials Chemistry A, 2020, 8, 19674-19683.	5.2	38
4	Monitoring the electronic, thermal and optical properties of two-dimensional $\text{MoO}_2$ under strain via vibrational spectroscopies: a first-principles investigation. Physical Chemistry Chemical Physics, 2019, 21, 19904-19914.	1.3	24
5	Strain effects on electronic and magnetic properties of the monolayer $\hat{\pm}\text{-RuCl}_3$ : A first-principles and Monte Carlo study. Journal of Applied Physics, 2019, 125, .	1.1	32
6	Exploring the electronic and magnetic properties of new metal halides from bulk to two-dimensional monolayer: $\text{RuX}_3$ ( $\text{X}=\text{Br}, \text{I}$ ). Journal of Magnetism and Magnetic Materials, 2019, 476, 111-119.	1.0	48
7	The influence of surface functionalization on thermal transport and thermoelectric properties of MXene monolayers. Nanoscale, 2018, 10, 8859-8868.	2.8	118
8	Hysteresis features of the transition-metal dichalcogenides $\text{VX}_2$ ( $\text{X} = \text{S}, \text{Se}, \text{and Te}$ ). Materials Research Express, 2018, 5, 046108.	0.8	25
9	Electronic and magnetic properties of monolayer $\hat{\pm}\text{-RuCl}_3$ : a first-principles and Monte Carlo study. Physical Chemistry Chemical Physics, 2018, 20, 997-1004.	1.3	57
10	Tailoring thermal conductivity of silicon/germanium nanowires utilizing core-shell architecture. Journal of Applied Physics, 2016, 119, .	1.1	10
11	Influence of Core-Shell Architecture Parameters on Thermal Conductivity of Si-Ge Nanowires. Materials Research Society Symposia Proceedings, 2015, 1735, 68.	0.1	0
12	Spin texturing in a parabolically confined quantum wire with Rashba and Dresselhaus spin-orbit interactions. Chinese Physics B, 2014, 23, 017102.	0.7	6
13	A FIRST-PRINCIPLES INVESTIGATIONS OF LITHIUM ADSORPTION AND DIFFUSION ON BN, AlN AND GaN MONOLAYERS. Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , .	0.4	3