

# Hayk A Zakaryan

## List of Publications by Year in descending order

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10  
papers

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citations

1477746

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1588620

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g-index

10  
all docs

10  
docs citations

10  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Tungsten Borides, Their Stability and Outstanding Mechanical Properties. Journal of Physical Chemistry Letters, 2018, 9, 3470-3477.	2.1	61
2	Stable reconstruction of the (110) surface and its role in pseudocapacitance of rutile-like RuO <sub>2</sub> . Scientific Reports, 2017, 7, 10357.	1.6	30
3	Computational Search for New W-Mo-B Compounds. Chemistry of Materials, 2020, 32, 7028-7035.	3.2	22
4	Stable and hard hafnium borides: A first-principles study. Journal of Applied Physics, 2019, 125, .	1.1	13
5	Investigation of cobalt doped tin dioxide structure and defects: Density functional theory and empirical force fields. Journal of Contemporary Physics, 2017, 52, 227-233.	0.1	8
6	Computational Design of Gas Sensors Based on V <sub>3</sub> S <sub>4</sub> Monolayer. Nanomaterials, 2022, 12, 774.	1.9	7
7	2D-Mo <sub>3</sub> S <sub>4</sub> phase as promising contact for MoS <sub>2</sub> . Applied Surface Science, 2022, 589, 152971.	3.1	6
8	Formation Energy of Intrinsic and Impurity Defects in Tin Dioxide. Journal of Contemporary Physics, 2019, 54, 282-286.	0.1	1
9	Influence of humidity on the graphene band gap. Journal of Contemporary Physics, 2015, 50, 263-267.	0.1	0
10	Computational Search and Stability Analysis of Two-Dimensional Tin Oxides. Journal of Physical Chemistry C, 2022, 126, 4647-4654.	1.5	0