

# Zahed Allahyari

## List of Publications by Year in descending order

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8  
papers

182  
citations

1477746

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h-index

1872312

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g-index

9  
all docs

9  
docs citations

9  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonempirical Definition of the Mendeleev Numbers: Organizing the Chemical Space. Journal of Physical Chemistry C, 2020, 124, 23867-23878.	1.5	20
2	Coevolutionary search for optimal materials in the space of all possible compounds. Npj Computational Materials, 2020, 6, .	3.5	18
3	Multi-objective Optimization as a Tool for Material Design. , 2020, , 2777-2790.		1
4	Computational discovery of hard and superhard materials. Journal of Applied Physics, 2019, 126, .	1.1	46
5	Multi-Objective Optimization as a Tool for Material Design. , 2019, , 1-15.		3
6	Efficient technique for computational design of thermoelectric materials. Computer Physics Communications, 2018, 222, 152-157.	3.0	21
7	New candidates for the global minimum of medium-sized silicon clusters: A hybrid DFTB/DFT genetic algorithm applied to Si $n$ , $n = 8-80$ . Journal of Chemical Physics, 2018, 149, 074313.	1.2	11
8	Computational Search for Novel Hard Chromium-Based Materials. Journal of Physical Chemistry Letters, 2017, 8, 755-764.	2.1	62