

Siwar Chibani

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

240
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning approaches for the prediction of materials properties. <i>APL Materials</i> , 2020, 8, 080701.	5.1	113
2	Speeding Up Discovery of Auxetic Zeolite Frameworks by Machine Learning. <i>Chemistry of Materials</i> , 2020, 32, 2653-2663.	6.7	32
3	Capture of Iodine Species in MIL-53(Al), MIL-120(Al), and HKUST-1(Cu) Periodic DFT and Ab-Initio Molecular Dynamics Studies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25283-25291.	3.1	26
4	Systematic exploration of the mechanical properties of 13 ⁺ inorganic compounds. <i>Chemical Science</i> , 2019, 10, 8589-8599.	7.4	24
5	Capture of Gaseous Iodine in Isoreticular Zirconium-Based UiO ⁿ Metal-Organic Frameworks: Influence of Amino Functionalization, DFT Calculations, Raman and EPR Spectroscopic Investigation. <i>Chemistry - A European Journal</i> , 2022, 28, e202104437.	3.3	23
6	A DFT study of RuO ₄ interactions with porous materials: metal-organic frameworks (MOFs) and zeolites. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16770-16776.	2.8	22