

A S M Jonayat

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

332
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction trends between single metal atoms and oxide supports identified with density functional theory and statistical learning. <i>Nature Catalysis</i> , 2018, 1, 531-539.	34.4	269
2	Development of a ReaxFF reactive force field for lithium ion conducting solid electrolyte $\text{Li}_{1+x}\text{Al}_x\text{Ti}_{2x}(\text{PO}_4)_3$ (LATP). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22134-22147.	2.8	30
3	Discovery of Descriptors for Stable Monolayer Oxide Coatings through Machine Learning. <i>ACS Applied Energy Materials</i> , 2018, 1, 6217-6226.	5.1	13
4	Predicting Monolayer Oxide Stability over Low-Index Surfaces of TiO_2 Polymorphs Using <i>ab Initio</i> Thermodynamics. <i>Langmuir</i> , 2018, 34, 11685-11694.	3.5	8
5	A first-principles study of stability of surface confined mixed metal oxides with corundum structure (Fe_2O_3 , Cr_2O_3 , V_2O_3). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7073-7081.	2.8	7
6	<i>Ab Initio</i> Thermodynamic Investigation of Monolayer Stability of Multicomponent Metal Oxides: $\text{M}_x\text{O}_y/\text{ZnO}(0001)$ and $\text{M}_x\text{O}_y/\text{TiO}_2(110)$ (M = Pd, Ru, Ni, Pt, Au, Zn). <i>Journal of Physical Chemistry C</i> , 2017, 121, 21439-21448.	3.1	5