

# 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	A first-principles study of stability of surface confined mixed metal oxides with corundum structure (Fe <sub>2</sub> O <sub>3</sub> , Cr <sub>2</sub> O <sub>3</sub> , V <sub>2</sub> O <sub>3</sub> ). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7073-7081.	2.8	7
2	Discovery of Descriptors for Stable Monolayer Oxide Coatings through Machine Learning. <i>ACS Applied Energy Materials</i> , 2018, 1, 6217-6226.	5.1	13
3	Predicting Monolayer Oxide Stability over Low-Index Surfaces of TiO <sub>2</sub> Polymorphs Using ab Initio Thermodynamics. <i>Langmuir</i> , 2018, 34, 11685-11694.	3.5	8
4	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
5	Development of a ReaxFF reactive force field for lithium ion conducting solid electrolyte Li <sub>1-x</sub> Al <sub>x</sub> Ti <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (LATP). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22134-22147.	2.8	30
6	Ab Initio Thermodynamic Investigation of Monolayer Stability of Multicomponent Metal Oxides: M <sub>x</sub> O <sub>y</sub> /ZnO(0001) and M <sub>x</sub> O <sub>y</sub> /TiO <sub>2</sub> (110) (M = Pd, Ru, Ni, Pt, Au, Zn). <i>Journal of Physical Chemistry C</i> , 2017, 121, 21439-21448.	3.1	5