

Qing Zhu

List of Publications by Year in descending order

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11
papers

148
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1307594

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158
citing authors

#	ARTICLE	IF	CITATIONS
1	Early and transient stages of Cu oxidation: Atomistic insights from theoretical simulations and in situ experiments. <i>Surface Science</i> , 2016, 652, 98-113.	1.9	37
2	Step-Edge Directed Metal Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2530-2536.	4.6	29
3	Step-Induced Oxygen Upward Diffusion on Stepped Cu(100) Surface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 251-261.	3.1	21
4	Enhanced Mass Transfer in the Step Edge Induced Oxidation on Cu(100) Surface. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11251-11260.	3.1	19
5	Connecting Oxide Nucleation and Growth to Oxygen Diffusion Energetics on Stepped Cu(011) Surfaces: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 452-463.	3.1	19
6	Probing the Local Bonding at the Pt $\hat{1}^3$ -Al $\langle sub \rangle 2 \langle /sub \rangle$ O $\langle sub \rangle 3 \langle /sub \rangle$ Interface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9876-9885.	3.1	10
7	TFOx: A versatile kinetic Monte Carlo program for simulations of island growth in three dimensions. <i>Computational Materials Science</i> , 2014, 91, 292-302.	3.0	9
8	Constructing a Predictive Model of Copper Oxidation from Experiment and Theory. <i>Microscopy and Microanalysis</i> , 2017, 23, 920-921.	0.4	3
9	Correlative Structure-Bonding and Stability Studies of Pt $\hat{1}^3$ -Al $2O_3$ Catalysts. <i>Microscopy and Microanalysis</i> , 2018, 24, 1644-1645.	0.4	1
10	Investigation of the Structural and Electronic Properties of Pt $\hat{1}^3$ -Al $2O_3$, a Model Catalyst System. <i>Microscopy and Microanalysis</i> , 2015, 21, 1655-1656.	0.4	0
11	Comparison of Spinel and Monoclinic Crystal Structures of $\hat{1}^3$ -Al $2O_3$ for Simulation of Electron Energy Loss Spectra. <i>Microscopy and Microanalysis</i> , 2017, 23, 2020-2021.	0.4	0