

Yuyuan Lin

List of Publications by Year in descending order

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15
papers

1,028
citations

840776

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1199594

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16
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16
docs citations

16
times ranked

2107
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and accelerated laboratory discovery of previously unknown 18-electron ABX compounds. Nature Chemistry, 2015, 7, 308-316.	13.6	349
2	A Free-standing and Ultralong-life Lithium-selenium Battery Cathode Enabled by 3D Mesoporous Carbon/Graphene Hierarchical Architecture. Advanced Functional Materials, 2015, 25, 455-463.	14.9	186
3	Imaging the Atomic Surface Structures of CeO ₂ Nanoparticles. Nano Letters, 2014, 14, 191-196.	9.1	183
4	Adhesion and Atomic Structures of Gold on Ceria Nanostructures: The Role of Surface Structure and Oxidation State of Ceria Supports. Nano Letters, 2015, 15, 5375-5381.	9.1	98
5	Synthesis-Dependent Atomic Surface Structures of Oxide Nanoparticles. Physical Review Letters, 2013, 111, 156101.	7.8	58
6	Identifying different stacking sequences in few-layer CVD-grown MoS ₂ by low-energy atomic-resolution scanning transmission electron microscopy. Physical Review B, 2016, 93,	3.2	51
7	The (2 \times 2) reconstructions on the SrTiO ₃ (001) surface: A combined scanning tunneling microscopy and density functional theory study. Surface Science, 2011, 605, L51-L55.	1.9	41
8	High Thermal Stability of La ₂ O ₃ - and CeO ₂ -Stabilized Tetragonal ZrO ₂ . Inorganic Chemistry, 2016, 55, 2413-2420.	4.0	18
9	Electron-induced Ti-rich surface segregation on SrTiO ₃ nanoparticles. Micron, 2015, 68, 152-157.	2.2	14
10	Morphology and oxidation state of ALD-grown Pd nanoparticles on TiO ₂ - and SrO-terminated SrTiO ₃ nanocuboids. Surface Science, 2016, 648, 291-298.	1.9	14
11	Controllable ALD synthesis of platinum nanoparticles by tuning different synthesis parameters. Journal Physics D: Applied Physics, 2017, 50, 415301.	2.8	12
12	When does atomic resolution plan view imaging of surfaces work?. Ultramicroscopy, 2016, 170, 35-42.	1.9	3
13	Applications of Electron Microscopy in Heterogeneous Catalysis. , 2015, , 193-238.		1
14	Direct Observation of Atomic Surface Structures of CeO ₂ Nanoparticles. Microscopy and Microanalysis, 2014, 20, 1918-1919.	0.4	0
15	Atomic Surface Structures of Oxide Nanoparticles with Well-defined Shapes. Microscopy and Microanalysis, 2016, 22, 360-361.	0.4	0