

Fang Xu

List of Publications by Year in descending order

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17
papers

1,515
citations

840776

11
h-index

839539

18
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18
all docs

18
docs citations

18
times ranked

2920
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly active copper-ceria and copper-ceria-titania catalysts for methanol synthesis from CO ₂ . <i>Science</i> , 2014, 345, 546-550.	12.6	1,114
2	<i>In Situ</i> Imaging of Cu ₂ O under Reducing Conditions: Formation of Metallic Fronts by Mass Transfer. <i>Journal of the American Chemical Society</i> , 2013, 135, 16781-16784.	13.7	74
3	Redox-Mediated Reconstruction of Copper during Carbon Monoxide Oxidation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15902-15909.	3.1	64
4	pH-Sensitive Polydopamine Nanocapsules for Cell Imaging and Drug Delivery Based on Folate Receptor Targeting. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1155-1163.	1.1	60
5	Potassium-Induced Effect on the Structure and Chemical Activity of the Cu _x /Cu(1-x) (x = 2) Surface: A Combined Scanning Tunneling Microscopy and Density Functional Theory Study. <i>ChemCatChem</i> , 2015, 7, 3865-3872.	3.8	38
6	Mechanistic Study of CO Titration on Cu _x /Cu(1-x) (x = 2) Surfaces. <i>ChemCatChem</i> , 2014, 6, 2364-2372.	3.7	31
7	Hydrogen migration at restructuring palladium-silver oxide boundaries dramatically enhances reduction rate of silver oxide. <i>Nature Communications</i> , 2020, 11, 1844.	12.8	28
8	Potassium-Promoted Reduction of Cu ₂ O/Cu(111) by CO. <i>Journal of Physical Chemistry C</i> , 2019, 123, 8057-8066.	3.1	20
9	Stabilization of a nanoporous NiCu dilute alloy catalyst for non-oxidative ethanol dehydrogenation. <i>Catalysis Science and Technology</i> , 2020, 10, 5207-5217.	4.1	17
10	Water facilitates oxygen migration on gold surfaces. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2196-2204.	2.8	17
11	Facile Decomposition of Organophosphonates by Dual Lewis Sites on a Fe ₃ O ₄ (111) Film. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12432-12441.	3.1	13
12	Dual Lewis site creation for activation of methanol on Fe ₃ O ₄ (111) thin films. <i>Chemical Science</i> , 2020, 11, 2448-2454.	7.4	10
13	Imaging the ordering of a weakly adsorbed two-dimensional condensate: ambient-pressure microscopy and spectroscopy of CO ₂ molecules on rutile TiO ₂ (110). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 13122-13126.	2.8	9
14	Chemistry of Methanol and Ethanol on Ozone-Prepared $\hat{\Gamma}$ -Fe ₂ O ₃ (0001). <i>Journal of Physical Chemistry C</i> , 2018, 122, 25404-25410.	3.1	5
15	Spatially Nonuniform Reaction Rates during Selective Oxidation on Gold. <i>Journal of the American Chemical Society</i> , 2018, 140, 12210-12215.	13.7	5
16	Adsorption and activation of CO ₂ on Pt/CeOx/TiO ₂ (110): Role of the Pt-CeOx interface. <i>Surface Science</i> , 2021, 710, 121852.	1.9	5
17	Perspectives on the design of nanoparticle systems for catalysis. <i>Faraday Discussions</i> , 2018, 208, 595-607.	3.2	4