

# Lina Zhang

## List of Publications by Year in descending order

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10  
papers

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citations

1684188

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1474206

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docs citations

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times ranked

34  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noble Metal Single-Atom Catalysts for the Catalytic Oxidation of Volatile Organic Compounds. ChemSusChem, 2022, 15, .	6.8	13
2	ZnAl <sub>2</sub> O <sub>4</sub> Spinel-Supported PdZn <sup>2</sup> Catalyst with Parts per Million Pd for Methanol Steam Reforming. ACS Catalysis, 2022, 12, 2714-2721.	11.2	20
3	Noble Metal Single-Atom Catalysts for the Catalytic Oxidation of Volatile Organic Compounds. ChemSusChem, 2022, 15, e202200356.	6.8	4
4	VIB5 database with accurate ab initio quantum chemical molecular potential energy surfaces. Scientific Data, 2022, 9, 84.	5.3	3
5	Distinct Role of Surface Hydroxyls in Single-Atom Pt <sub>1</sub> /CeO <sub>2</sub> Catalyst for Room-Temperature Formaldehyde Oxidation: Acid-Base Versus Redox. JACS Au, 2022, 2, 1651-1660.	7.9	25
6	Compact and accurate <i>ab initio</i> valence bond wave functions for electron transfer: The classic but challenging covalent-ionic interaction in LiF. Journal of Chemical Physics, 2022, 157, .	3.0	3
7	The Effect of Pretreatment on the Reactivity of Pd/Al <sub>2</sub> O <sub>3</sub> in Room Temperature Formaldehyde Oxidation. ChemCatChem, 2021, 13, 4133-4141.	3.7	11
8	Extended Mulliken-Hush Method with Applications to the Theoretical Study of Electron Transfer. Journal of Chemical Theory and Computation, 2021, 17, 6861-6875.	5.3	3
9	One-pot synthesis of gluconic acid from biomass-derived levoglucosan using a Au/Cs <sub>2.5</sub> H <sub>0.5</sub> PW <sub>12</sub> O <sub>40</sub> catalyst. Green Chemistry, 2019, 21, 6318-6325.	9.0	22
10	Monolayer core-shell catalysts breaking the selectivity-activity seesaw in chemoselective hydrogenation. Science China Chemistry, 0, , 1.	8.2	2