

Lina Zhang

List of Publications by Year in descending order

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10
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1684188

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