Yanru Zhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9551717/publications.pdf

Version: 2024-02-01

17	479	933264 10	887953 17
papers	citations	h-index	g-index

17	17	17	549
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NiCu bimetallic catalysts derived from layered double hydroxides for hydroconversion of n-heptane. Chinese Chemical Letters, 2022, 33, 2069-2072.	4.8	6
2	Selective Photocatalytic Activation of Ethanol Câ€“H and Oâ€“H Bonds over Multi-Au@SiO₂/TiO₂: Role of Catalyst Surface Structure and Reaction Kinetics. ACS Applied Materials & Interfaces, 2022, 14, 2848-2859.	4.0	10
3	Atomic Ru catalysis for ethanol coupling to C4+ alcohols. Applied Catalysis B: Environmental, 2022, 309, 121271.	10.8	17
4	Insights into Photocatalytic Selective Dehydrogenation of Ethanol over Au/Anataseâ€“Rutile TiO₂. Industrial & Engineering Chemistry Research, 2021, 60, 12282-12291.	1.8	11
5	Interfacial Sites in Ag Supported Layered Double Oxide for Dehydrogenation Coupling of Ethanol to nâ€Butanol. ChemistryOpen, 2021, 10, 1095-1103.	0.9	5
6	Insights into the Multiple Synergies of Supports in the Selective Oxidation of Glycerol to Dihydroxyacetone: Layered Double Hydroxide Supported Au. ACS Catalysis, 2020, 10, 12437-12453.	5.5	48
7	A gradient reduction strategy to produce defects-rich nano-twin Cu particles for targeting activation of carbon-carbon or carbon-oxygen in furfural conversion. Journal of Catalysis, 2020, 389, 78-86.	3.1	12
8	Selective Activation of Câ€“OH, Câ€“Oâ€“C, or Câ•C in Furfuryl Alcohol by Engineered Pt Sites Supported on Layered Double Oxides. ACS Catalysis, 2020, 10, 8032-8041.	5.5	73
9	Mg-vacancy-induced Ni-vacancy clusters: highly efficient hydrogen production from cellulose. Journal of Materials Chemistry A, 2020, 8, 14697-14705.	5.2	12
10	Acidâ€“Base Promoted Dehydrogenation Coupling of Ethanol on Supported Ag Particles. Industrial & Engineering Chemistry Research, 2020, 59, 3342-3350.	1.8	31
11	Cu-Pd pair facilitated simultaneous activation of ethanol and CO. Journal of Catalysis, 2020, 386, 81-93.	3.1	2
12	CoGa Particles Stabilized by the Combination of Alloyed Ga⁰ and Lattice Ga^{III} Species. Industrial & Engineering Chemistry Research, 2020, 59, 8649-8660.	1.8	6
13	Single atom and small cluster Pt induced by lattice-confined Ga^{III} improving <italic>i</italic>-C₇ selectivity in catalytic reforming. Scientia Sinica Chimica, 2020, 50, 306-314.	0.2	1
14	Ni⁰/Ni^{Î´+} Synergistic Catalysis on a Nanosized Ni Surface for Simultaneous Formation of Câ€“C and Câ€“N Bonds. ACS Catalysis, 2019, 9, 11438-11446.	5.5	32
15	Lattice-Confined Sn (IV/II) Stabilizing Raft-Like Pt Clusters: High Selectivity and Durability in Propane Dehydrogenation. ACS Catalysis, 2017, 7, 6973-6978.	5.5	109
16	Single-atom and small-cluster Pt induced by Sn (IV) sites confined in an LDH lattice for catalytic reforming. Journal of Catalysis, 2016, 341, 44-54.	3.1	75
17	Pseudoâ€singleâ€atom Platinum Induced by the Promoter Confined in Bruciteâ€like Lattice for Catalytic Reforming. ChemCatChem, 2016, 8, 1773-1777.	1.8	29