Chun Shen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/953870/publications.pdf

Version: 2024-02-01

23	495	687363 13	677142 22
papers	citations	h-index	g-index

23	23	23	550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Auâ^'â€“Ovâ€“Ti3+: Active site of MO -Au/TiO2 catalysts for the aerobic oxidation of 5-hydroxymethylfurfural. Green Energy and Environment, 2023, 8, 785-797.	8.7	8
2	Mechanistic insights into CoO_xâ€“Ag/CeO₂ catalysts for the aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid. Catalysis Science and Technology, 2022, 12, 116-123.	4.1	6
3	Fast and continuous synthesis of 2,5-furandicarboxylic acid in a micropacked-bed reactor. Chemical Engineering Journal, 2022, 442, 136110.	12.7	17
4	Synergistic effect between Ni single atoms and acidâ€“base sites: Mechanism investigation into catalytic transfer hydrogenation reaction. Journal of Catalysis, 2021, 393, 1-10.	6.2	28
5	Is hydrolysis a bad news for p-xylene production from 2,5-dimethylfuran and ethylene? Mechanism investigation into the role of acid strength during 2,5-hexanedione conversion. Journal of Catalysis, 2021, 401, 214-223.	6.2	16
6	Are fermentation products promising feedstock for high-density bio-fuel? domino reactions for upgrading aqueous acetoneâ€“butanolâ€“ethanol mixtures. Green Chemistry, 2020, 22, 6137-6147.	9.0	6
7	Upgrading n-Butanol to Branched Alcohols over Ni/Ca_xMg_yO. ACS Sustainable Chemistry and Engineering, 2020, 8, 16960-16967.	6.7	21
8	Ultra-selective p-xylene production through cycloaddition and dehydration of 2,5-dimethylfuran and ethylene over tin phosphate. Applied Catalysis B: Environmental, 2019, 259, 118108.	20.2	38
9	Improved Selectivity of Long-Chain Products from Aqueous Acetoneâ€“Butanolâ€“Ethanol Mixture over High Water Resistant Catalyst Based on Hydrophobic SBA-16. ACS Sustainable Chemistry and Engineering, 2019, 7, 10323-10331.	6.7	16
10	Highly Selective Production of 2,5-Dimethylfuran from Fructose through Tailoring of Catalyst Wettability. Industrial & Engineering Chemistry Research, 2019, 58, 10844-10854.	3.7	14
11	Domino Reactions for Biofuel Production from Zymotic Biomass Wastes over Bifunctional Mg-Containing Catalysts. ACS Sustainable Chemistry and Engineering, 2019, 7, 18943-18954.	6.7	14
12	Efficient Production of 5-Hydroxymethylfurfural Enhanced by Liquidâ€“Liquid Extraction in a Membrane Dispersion Microreactor. ACS Sustainable Chemistry and Engineering, 2018, 6, 3992-3999.	6.7	31
13	Highly Selective Production of p-Xylene from 2,5-Dimethylfuran over Hierarchical NbO_x-Based Catalyst. ACS Sustainable Chemistry and Engineering, 2018, 6, 1891-1899.	6.7	41
14	Green Synthesis of Agâ€“TiO₂ Supported on Porous Glass with Enhanced Photocatalytic Performance for Oxidative Desulfurization and Removal of Dyes under Visible Light. ACS Sustainable Chemistry and Engineering, 2018, 6, 13276-13286.	6.7	78
15	Controllability and flexibility in particle manufacturing of a segmented microfluidic device with passive picoinjection. AICHE Journal, 2018, 64, 3817-3825.	3.6	12
16	Highly Selective Production of Biobased p-Xylene from 2,5-Dimethylfuran over SiO₂â€“SO₃H Catalysts. Industrial & Engineering Chemistry Research, 2017, 56, 5852-5859.	3.7	35
17	Green synthesis and enhanced photocatalytic activity of Ce-doped TiO2 nanoparticles supported on porous glass. Particuology, 2017, 34, 103-109.	3.6	25
18	Production of p-xylene from bio-based 2,5-dimethylfuran over high performance catalyst WO₃/SBA-15. Catalysis Science and Technology, 2017, 7, 5540-5549.	4.1	31

#	Article	IF	Citations
19	Upgrade of Solvent-Free Acetoneâ€“Butanolâ€“Ethanol Mixture to High-Value Biofuels over Ni-Containing MgOâ€“SiO2 Catalysts with Greatly Improved Water-Resistance. ACS Sustainable Chemistry and Engineering, 2017, 5, 8181-8191.	6.7	25
20	In situ dispersion of non-aqueous Fe₃O₄ nanocolloids by microdroplet coalescence and their use in the preparation of magnetic composite particles. Soft Matter, 2016, 12, 5180-5187.	2.7	5
21	Monodispersed Pd Nanoparticles Supported on Mgâ€“Al Mixed Metal Oxides: A Green and Controllable Synthesis. ACS Omega, 2016, 1, 498-506.	3.5	10
22	Preparation of Au Nanocolloids by in Situ Dispersion and Their Applications in Surface-Enhanced Raman Scattering (SERS) Films. Industrial & Engineering Chemistry Research, 2016, 55, 6783-6791.	3.7	8
23	Catalytic hydrogenation of 2-ethylanthraquinone using an in situ synthesized Pd catalyst. RSC Advances, 2016, 6, 23942-23948.	3.6	10