

Weijie Cai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

315
citations

11
h-index

17
g-index

23
ext. papers

418
ext. citations

4.4
avg, IF

3.41
L-index

#	Paper	IF	Citations
22	Ethanol Dry Reforming over Mn-Doped Co/CeO ₂ Catalysts with Enhanced Activity and Stability. <i>Energy & Fuels</i> , 2021 , 35, 13945-13954	4.1	1
21	Synthesis of high-performance Ni/Ce _{0.8} Zr _{0.2} O ₂ catalyst via co-nanocasting method for ethanol dry reforming. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 2143-2151	2.8	
20	Function integrated chitosan-based beads with throughout sorption sites and inherent diffusion network for efficient phosphate removal. <i>Carbohydrate Polymers</i> , 2020 , 230, 115639	10.3	27
19	Study on the optical and electrochemical performance of V ₂ O ₅ with various morphologies. <i>Journal of Dispersion Science and Technology</i> , 2020 , 41, 2203-2210	1.5	1
18	Comparison of the Promoted CuZnMxOy (M: Ga, Fe) Catalysts for CO ₂ Hydrogenation to Methanol. <i>Catalysis Letters</i> , 2019 , 149, 2508-2518	2.8	8
17	Controllable synthesis of pomelo peel-based aerogel and its application in adsorption of oil/organic pollutants. <i>Royal Society Open Science</i> , 2019 , 6, 181823	3.3	16
16	One-pot synthesis of lactic acid from cellulose over a sulfonated Sn-KIT6 catalyst. <i>Korean Journal of Chemical Engineering</i> , 2019 , 36, 513-521	2.8	5
15	Construction of strawberry-like Ni ₃ S ₂ @Co ₉ S ₈ heteronanoparticle-embedded biomass-derived 3D N-doped hierarchical porous carbon for ultrahigh energy density supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17345-17356	13	53
14	Efficient Production of Medium-Chain Structured Phospholipids over Mesoporous Organosulfonic Acid-Functionalized SBA-15 Catalysts. <i>Catalysts</i> , 2019 , 9, 770	4	2
13	Constructing Stacked Structure of S-Doped Carbon Layer-Encapsulated MoO ₂ NPs with Dominated Dielectric Loss for Microwave Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 19546-19555	8.3	20
12	Synthesis of ZnO sunscreen composite using lamellar self-assembly 6-PGME as template. <i>Research on Chemical Intermediates</i> , 2019 , 45, 521-531	2.8	4
11	Syngas Production from Carbon Dioxide Reforming of Ethanol over Ir/Ce _{0.75} Zr _{0.25} O ₂ Catalyst: Effect of Calcination Temperatures. <i>Energy & Fuels</i> , 2018 , 32, 2104-2116	4.1	10
10	Preparation of corn straw based spongy aerogel for spillage oil capture. <i>Korean Journal of Chemical Engineering</i> , 2018 , 35, 1119-1127	2.8	18
9	Cu based catalysts for syngas production from ethanol dry reforming: Effect of oxide supports. <i>Fuel</i> , 2018 , 219, 406-416	7.1	19
8	Syngas production from ethanol dry reforming over Rh/CeO ₂ catalyst. <i>Journal of Saudi Chemical Society</i> , 2018 , 22, 58-65	4.3	19
7	Lactic Acid Production from Glucose Over a Novel Nb ₂ O ₅ Nanorod Catalyst. <i>Catalysis Letters</i> , 2017 , 147, 926-933	2.8	24
6	Syngas Production from Ethanol Dry Reforming over Cu/Ce _{0.8} Zr _{0.2} O ₂ Catalyst. <i>Catalysis Letters</i> , 2017 , 147, 2929-2939	2.8	13

5	Sorbitol dehydration into isosorbide over a cellulose-derived solid acid catalyst. <i>RSC Advances</i> , 2016 , 6, 49528-49536	3.7	30
4	Ethanol dry reforming for syngas production over Ir/CeO ₂ catalyst. <i>Journal of Rare Earths</i> , 2015 , 33, 42-45	3.7	37
3	Investigation of adsorption behaviors of Cu(II), Pb(II), and Cd(II) from water onto the high molecular weight poly (arylene ether sulfone) with pendant carboxyl groups. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	8
2	Highly elastic aerogel derived from spent coffee grounds as oil removal adsorbent. <i>Korean Journal of Chemical Engineering</i> , 1	2.8	
1	Ethanol dry reforming over ordered mesoporous Co-Zn composite oxide for syngas production. <i>Korean Journal of Chemical Engineering</i> , 1	2.8	