

Dan Li

List of Publications by Year in descending order

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43
papers

1,831
citations

331670

21
h-index

265206

42
g-index

44
all docs

44
docs citations

44
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of transcriptomic and proteomic analyses of cold shock response in <i>Kosmotoga olearia</i> , a typical thermophile with an incredible minimum growth temperature at 20Å° C. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 71.	2.0	0
2	Chemical-switching strategy for the production of green biofuel on NiCo/MCM-41 catalysts by tuning atmosphere. <i>Fuel</i> , 2022, 315, 123118.	6.4	6
3	Bimetallic Ni and Mo Nitride as an Efficient Catalyst for Hydrodeoxygenation of Palmitic Acid. <i>ACS Catalysis</i> , 2022, 12, 4333-4343.	11.2	25
4	Overtuning CO ₂ Hydrogenation Selectivity with High Activity via Reaction-Induced Strong Metal-Support Interactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 4874-4882.	13.7	139
5	Molybdenum carbide as catalyst in biomass derivatives conversion. <i>Journal of Energy Chemistry</i> , 2022, 73, 68-87.	12.9	10
6	Efficiency conversion of jatropha oil into high-quality biofuel over the innovative Ni-Mo ₂ N based catalyst. <i>Fuel</i> , 2022, 324, 124548.	6.4	9
7	Mechanism Insight into Catalytic Performance of Ni ₁₂ P ₅ over Ni ₂ P toward the Catalytic Deoxygenation of Butyric Acid. <i>Catalysts</i> , 2022, 12, 569.	3.5	1
8	Unraveling the SO ₂ Poisoning Effect over the Lifetime of MeO _x (Me = Tj ETQq0 0 0 rgBT /Overlock 10 with Surface Species. <i>Journal of Physical Chemistry C</i> , 2022, 126, 12168-12177.	3.1	12
9	One-step synthesis of highly active and stable Ni-ZrO ₂ catalysts for the conversion of methyl laurate to alkanes. <i>Journal of Catalysis</i> , 2022, 413, 297-310.	6.2	20
10	The effect of support on nickel phosphide catalysts for one-pot conversion of jatropha oil into high grade hydrocarbons. <i>Catalysis Today</i> , 2021, 367, 83-94.	4.4	15
11	Site Sensitivity of Interfacial Charge Transfer and Photocatalytic Efficiency in Photocatalysis: Methanol Oxidation on Anatase TiO ₂ Nanocrystals. <i>Angewandte Chemie</i> , 2021, 133, 6225-6234.	2.0	7
12	Site Sensitivity of Interfacial Charge Transfer and Photocatalytic Efficiency in Photocatalysis: Methanol Oxidation on Anatase TiO ₂ Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6160-6169.	13.8	52
13	Theoretical insight into the deoxygenation molecular mechanism of butyric acid catalyzed by a Ni ₁₂ P ₆ cluster. <i>Catalysis Science and Technology</i> , 2021, 11, 6425-6437.	4.1	2
14	Structure Sensitivity of Au-TiO ₂ Strong Metal-Support Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12074-12081.	13.8	161
15	Structure Sensitivity of Au-TiO ₂ Strong Metal-Support Interactions. <i>Angewandte Chemie</i> , 2021, 133, 12181-12188.	2.0	11
16	The Deoxygenation of Jatropha Oil to High Quality Fuel via the Synergistic Catalytic Effect of Ni, W ₂ C and WC Species. <i>Catalysts</i> , 2021, 11, 469.	3.5	6
17	Abscisic acid receptors are involves in the Jasmonate signaling in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2021, 16, 1948243.	2.4	10
18	Corrosion of Iron-Nickel Foam to In Situ Fabricate Amorphous FeNi (Oxy)hydroxide Nanosheets as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 8791-8800.	5.1	17

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19	Efficient catalytic conversion of jatropha oil to high grade biofuel on Ni-Mo ₂ C/MCM-41 catalysts with tuned surface properties. <i>Journal of Energy Chemistry</i> , 2021, 61, 425-435.	12.9	19
20	Unraveling enhanced activity and coke resistance of Pt-based catalyst in bio-aviation fuel refining. <i>Applied Energy</i> , 2021, 301, 117469.	10.1	28
21	Fine cubic Cu ₂ O nanocrystals as highly selective catalyst for propylene epoxidation with molecular oxygen. <i>Nature Communications</i> , 2021, 12, 5921.	12.8	33
22	Elucidation of the mechanisms into effects of organic acids on soil fertility, cadmium speciation and ecotoxicity in contaminated soil. <i>Chemosphere</i> , 2020, 239, 124706.	8.2	50
23	A rapid, adaptative DNA biosensor based on molecular beacon-concatenated dual signal amplification strategies for ultrasensitive detection of p53 gene and cancer cells. <i>Talanta</i> , 2020, 210, 120638.	5.5	23
24	Ni ^{II} -Fe Catalysts Supported on γ -Al ₂ O ₃ /HZSM-5 for Transformation of Palmitic Acid into Hydrocarbon Fuel. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17373-17386.	3.7	28
25	Size-Dependent Structures and Catalytic Performances of Au/TiO ₂ -{001} Catalysts for Propene Epoxidation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15264-15274.	3.1	8
26	A self-assembly based on a hydrogel interface: facile, rapid, and large-scale preparation of colloidal photonic crystals. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2409-2417.	5.9	3
27	Transformation of Jatropha Oil into High-Quality Biofuel over Ni ^{II} -W Bimetallic Catalysts. <i>ACS Omega</i> , 2019, 4, 10580-10592.	3.5	22
28	Methanol Partial Oxidation Over Shaped Silver Nanoparticles Derived from Cubic and Octahedral Ag ₂ O Nanocrystals. <i>Catalysis Letters</i> , 2019, 149, 2482-2491.	2.6	8
29	Morphologie-optimierte hochaktive und -stabile Ru/TiO ₂ -Katalysatoren für die selektive CO-Methanisierung. <i>Angewandte Chemie</i> , 2019, 131, 10842-10847.	2.0	7
30	Morphology-Engineered Highly Active and Stable Ru/TiO ₂ Catalysts for Selective CO Methanation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10732-10736.	13.8	81
31	Morphology-Dependent Evolutions of Sizes, Structures, and Catalytic Activity of Au Nanoparticles on Anatase TiO ₂ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 10367-10376.	3.1	39
32	The Conversion of Jatropha Oil into Jet Fuel on NiMo/Al-MCM-41 Catalyst: Intrinsic Synergic Effects between Ni and Mo. <i>Energy Technology</i> , 2019, 7, 1800809.	3.8	23
33	Controlling the growth of activated carbon supported nickel phosphide catalysts via adjustment of surface group distribution for hydrodeoxygenation of palmitic acid. <i>Catalysis Today</i> , 2019, 319, 182-190.	4.4	24
34	Vermicompost and biochar as bio-conditioners to immobilize heavy metal and improve soil fertility on cadmium contaminated soil under acid rain stress. <i>Science of the Total Environment</i> , 2018, 621, 1057-1065.	8.0	100
35	Size-Dependency of Gold Nanoparticles on TiO ₂ for CO Oxidation. <i>Small Methods</i> , 2018, 2, 1800273.	8.6	16
36	The Deoxygenation Pathways of Palmitic Acid into Hydrocarbons on Silica-Supported Ni ₁₂ P ₅ and Ni ₂ P Catalysts. <i>Catalysts</i> , 2018, 8, 153.	3.5	28

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37	Reaction Sensitivity of Ceria Morphology Effect on Ni/CeO ₂ Catalysis in Propane Oxidation Reactions. ACS Applied Materials & Interfaces, 2017, 9, 35897-35907.	8.0	105
38	Probing Surface Structures of CeO ₂ , TiO ₂ , and Cu ₂ O Nanocrystals with CO and CO ₂ Chemisorption. Journal of Physical Chemistry C, 2016, 120, 21472-21485.	3.1	143
39	Production of high-grade diesel from palmitic acid over activated carbon-supported nickel phosphide catalysts. Applied Catalysis B: Environmental, 2016, 187, 375-385.	20.2	113
40	Recent advances for the production of hydrocarbon biofuel via deoxygenation progress. Science Bulletin, 2015, 60, 2096-2106.	9.0	27
41	The production of diesel-like hydrocarbons from palmitic acid over HZSM-22 supported nickel phosphide catalysts. Applied Catalysis B: Environmental, 2015, 174-175, 504-514.	20.2	76
42	Studies of the synthesis of transition metal phosphides and their activity in the hydrodeoxygenation of a biofuel model compound. Journal of Catalysis, 2012, 294, 184-198.	6.2	214
43	The Remarkable Enhancement of CO-pretreated CuO ₂ /Mn ₂ O ₃ /Al ₂ O ₃ Supported Catalyst for the Reduction of NO with CO: The Formation of Surface Synergetic Oxygen Vacancy. Chemistry - A European Journal, 2011, 17, 5668-5679.	3.3	109