

Fangli Jing

List of Publications by Year in descending order

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52
papers

1,321
citations

279798

23
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35
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all docs

52
docs citations

52
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Size effect in propane dehydrogenation on PtIn/Sn-SBA-15. <i>Molecular Catalysis</i> , 2022, 518, 112081.	2.0	3
2	Controlled reaction depth by metal (M=Fe, Ni, Mn and Ti) doped ceria in selective oxidation of ethane with carbon dioxide. <i>Applied Catalysis A: General</i> , 2022, 635, 118565.	4.3	8
3	Synergistic bimetallic CeNi/SiO ₂ for boosting the catalytic activity of levulinic acid hydrogenation in gas phase. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107760.	6.7	2
4	Toluene catalytic oxidation over the layered MO _x -MnO ₂ (M=Pt, Ir, Ag) composites originated from the facile self-driving combustion method. <i>Fuel</i> , 2021, 283, 118888.	6.4	27
5	Oxidative dehydrogenation of ethane with carbon dioxide over silica molecular sieves supported chromium oxides: Pore size effect. <i>Chinese Journal of Chemical Engineering</i> , 2021, 34, 77-86.	3.5	5
6	Solvent-free elaboration of Ni-doped MnO _x catalysts with high performance for NH ₃ -SCR in low and medium temperature zones. <i>Molecular Catalysis</i> , 2021, 501, 111376.	2.0	7
7	Influence of support precursor on FeCe-TiO ₂ for selective catalytic reduction of NO with ammonia. <i>Molecular Catalysis</i> , 2021, 508, 111586.	2.0	5
8	Porous Silica Coated Ceria as a Switch in Tandem Oxidative Dehydrogenation and Dry Reforming of Ethane with CO ₂ . <i>ChemCatChem</i> , 2021, 13, 3501-3509.	3.7	4
9	Enhanced lattice oxygen activity on glow discharge plasma irradiated SrCr/SiO ₂ and the performance in oxidative dehydrogenation of ethane with CO ₂ . <i>Molecular Catalysis</i> , 2021, 509, 111658.	2.0	2
10	The role of K in tuning oxidative dehydrogenation of ethane with CO ₂ to be selective toward ethylene. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 793-805.	21.1	27
11	Enhanced low-temperature catalytic performance in CO ₂ hydrogenation over Mn-promoted NiMgAl catalysts derived from quaternary hydrotalcite-like compounds. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 33107-33119.	7.1	17
12	Efficient activation of H ₂ on copper species immobilized by MCM-41 for selective hydrogenation of furfural at ambient pressure. <i>Molecular Catalysis</i> , 2021, 515, 111921.	2.0	5
13	Converting Poisonous Sulfate Species to an Active Promoter on TiO ₂ Predecorated MnO _x Catalysts for the NH ₃ -SCR Reaction. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 61237-61247.	8.0	16
14	High-performance Co _x M _{3-x} AlO _y (M Ni, Mn) catalysts derived from microwave-assisted synthesis of hydrotalcite precursors for methane catalytic combustion. <i>Catalysis Today</i> , 2020, 347, 23-30.	4.4	9
15	Glycerol steam reforming for hydrogen production over bimetallic MNi/CNTs (M Co, Cu and Fe) catalysts. <i>Catalysis Today</i> , 2020, 355, 128-138.	4.4	16
16	Influence of hydrothermal treatment on structural property of NiZrAl mixed-metal oxides and on catalytic steam reforming of glycerol for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 22448-22458.	7.1	6
17	Synergetic Bimetallic NiCo/CNT Catalyst for Hydrogen Production by Glycerol Steam Reforming: Effects of Metal Species Distribution. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17259-17268.	3.7	18
18	Base-Free Aerobic Oxidation of 5-Hydroxymethylfurfural on a Ru(0) Center in Cooperation with a Co(II)/Co(III) Redox Pair over the One-Pot Synthesized Ru-Co Composites. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17200-17209.	3.7	31

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19	Hydrogen production through glycerol steam reforming over the NiCeAl catalysts. <i>Renewable Energy</i> , 2020, 158, 192-201.	8.9	27
20	Preparation of Highly Dispersed Nb ₂ O ₅ Supported Cobalt-Based Catalysts for the Fischer-Tropsch Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17315-17327.	3.7	7
21	Effects of Dopants in PtSn/Mo-Silicalite-1 on Structural Property and on Catalytic Propane Dehydrogenation Performance. <i>ChemistrySelect</i> , 2020, 5, 4175-4185.	1.5	13
22	Enhanced catalytic performances of in situ-assembled LaMnO ₃ /MnO ₂ hetero-structures for toluene combustion. <i>Catalysis Today</i> , 2019, 327, 19-27.	4.4	42
23	Various Metals (Ce, In, La, and Fe) Promoted Pt/Sn-SBA-15 as Highly Stable Catalysts for Propane Dehydrogenation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 10804-10818.	3.7	33
24	Plasma assisted preparation of nickel-based catalysts supported on CeO ₂ with different morphologies for hydrogen production by glycerol steam reforming. <i>Powder Technology</i> , 2019, 354, 324-332.	4.2	21
25	Preparation of stable and highly active Ni/CeO ₂ catalysts by glow discharge plasma technique for glycerol steam reforming. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 257-265.	20.2	80
26	Improved Catalytic Performance of Ethane Dehydrogenation in the Presence of CO ₂ over Zr-Promoted Cr/SiO ₂ . <i>ACS Omega</i> , 2019, 4, 22562-22573.	3.5	24
27	The role of Zr in NiZrAl oxides catalyst and the evaluation on steam reforming of glycerol for hydrogen product. <i>Catalysis Today</i> , 2019, 319, 229-238.	4.4	23
28	Effects of preparation methods on CoAlOx/CeO ₂ catalysts for methane catalytic combustion. <i>Fuel</i> , 2018, 225, 588-595.	6.4	46
29	Carbon Nanotubes Supported Nickel as the Highly Efficient Catalyst for Hydrogen Production through Glycerol Steam Reforming. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14403-14413.	6.7	31
30	Facile one-pot synthesized ordered mesoporous Mg-SBA-15 supported PtSn catalysts for propane dehydrogenation. <i>Applied Catalysis A: General</i> , 2017, 533, 17-27.	4.3	48
31	Layered Double Hydroxides Derived ZnO-Al ₂ O ₃ Supported Pd-Ag Catalysts for Selective Hydrogenation of Acetylene. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1009-1015.	4.9	15
32	Experimental Study of Silver-Loaded Mesoporous Silica for the Separation of Ethylene and Ethane. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 2562-2569.	1.9	8
33	Highly effective self-propagating synthesis of CeO ₂ -doped MnO ₂ catalysts for toluene catalytic combustion. <i>Catalysis Today</i> , 2017, 297, 167-172.	4.4	72
34	Ordered mesoporous Sn-SBA-15 as support for Pt catalyst with enhanced performance in propane dehydrogenation. <i>Chinese Journal of Catalysis</i> , 2017, 38, 726-735.	14.0	38
35	Self-Propagated Flaming Synthesis of Highly Active Layered CuO-MnO ₂ Hybrid Composites for Catalytic Total Oxidation of Toluene Pollutant. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21798-21808.	8.0	91
36	Enhanced hydrogen storage on Li-doped defective graphene with B substitution: A DFT study. <i>Applied Surface Science</i> , 2017, 410, 166-176.	6.1	104

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37	Nano-flowered Ce@MOR hybrids with modulated acid properties for the vapor-phase dehydration of 1,3-butanediol into butadiene. <i>Green Chemistry</i> , 2017, 19, 4610-4621.	9.0	18
38	Facile synthesis of CuMAI (M = Cr, Mn, Zn, and Co) with highly dispersed Cu and tailorable surface acidity for efficient 2-methylpyrazine synthesis. <i>RSC Advances</i> , 2017, 7, 48662-48669.	3.6	6
39	Al-doped SBA-15 Catalysts for Low-temperature Dehydration of 1,3-Butanediol into Butadiene. <i>ChemCatChem</i> , 2017, 9, 258-262.	3.7	25
40	Improvement of catalytic stability for CO ₂ reforming of methane by copper promoted Ni-based catalyst derived from layered-double hydroxides. <i>Journal of Energy Chemistry</i> , 2016, 25, 1078-1085.	12.9	48
41	CO ₂ selective hydrogenation to synthetic natural gas (SNG) over four nano-sized Ni/ZrO ₂ samples: ZrO ₂ crystalline phase & treatment impact. <i>Journal of Energy Chemistry</i> , 2016, 25, 1070-1077.	12.9	26
42	Theoretical insight into the enhanced CH ₄ desorption via H ₂ O adsorption on different rank coal surfaces. <i>Journal of Energy Chemistry</i> , 2016, 25, 677-682.	12.9	30
43	Structural Evolution under Reaction Conditions of Supported (NH ₄) ₃ HPMo ₁₁ VO ₄₀ Catalysts for the Selective Oxidation of Isobutane. <i>Catalysts</i> , 2015, 5, 460-477.	3.5	13
44	Catalytic selective oxidation of isobutane over Cs _x (NH ₄) _{3-3x} HPMo ₁₁ VO ₄₀ mixed salts. <i>Catalysis Science and Technology</i> , 2014, 4, 2938.	4.1	28
45	Catalytic selective oxidation of isobutane to methacrylic acid on supported (NH ₄) ₃ HPMo ₁₁ VO ₄₀ catalysts. <i>Journal of Catalysis</i> , 2014, 309, 121-135.	6.2	75
46	Influences of pore size on production of 2-methylpyrazine over bifunctional CuO/ZnO/meso-SiO ₂ catalysts. <i>Research on Chemical Intermediates</i> , 2013, 39, 1301-1311.	2.7	2
47	Improvement of the catalytic performance of supported (NH ₄) ₃ HPMo ₁₁ VO ₄₀ catalysts in isobutane selective oxidation. <i>Catalysis Today</i> , 2013, 203, 32-39.	4.4	45
48	Catalytic synthesis of 2-methylpyrazine over Cr-promoted copper based catalyst via a cyclo-dehydrogenation reaction route. <i>Journal of Chemical Sciences</i> , 2010, 122, 621-630.	1.5	22
49	Nano-size MZnAl (M=Cu, Co, Ni) metal oxides obtained by combining hydrothermal synthesis with urea homogeneous precipitation procedures. <i>Applied Clay Science</i> , 2010, 48, 203-207.	5.2	37
50	Effects of potassium on MgO-supported Fe-Mn catalysts for the hydrogenation of carbon monoxide to light alkenes. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 94, 139-147.	0.6	2
51	Sustainable synthesis of vanillin through base-free selective oxidation using synergistic AgPd nanoparticles loaded on ZrO ₂ . <i>Catalysis Science and Technology</i> , 0, , .	4.1	6
52	One-pot synthesis of finely-dispersed Au nanoparticles on ZnO hexagonal sheet for base-free aerobic oxidation of vanillyl alcohol. <i>Catalysis Science and Technology</i> , 0, , .	4.1	7