Fangli Jing

List of Publications by Year
in descending order

52	1,321	279798	361022
papers	citations	23 h-index	35 g-index

52	52	52	1335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced hydrogen storage on Li-doped defective graphene with B substitution: A DFT study. Applied Surface Science, 2017, 410, 166-176.	6.1	104
2	Self-Propagated Flaming Synthesis of Highly Active Layered CuO-Î´-MnO₂ Hybrid Composites for Catalytic Total Oxidation of Toluene Pollutant. ACS Applied Materials & Interfaces, 2017, 9, 21798-21808.	8.0	91
3	Preparation of stable and highly active Ni/CeO2 catalysts by glow discharge plasma technique for glycerol steam reforming. Applied Catalysis B: Environmental, 2019, 249, 257-265.	20.2	80
4	Catalytic selective oxidation of isobutane to methacrylic acid on supported (NH4)3HPMo11VO40 catalysts. Journal of Catalysis, 2014, 309, 121-135.	6.2	75
5	Highly effective self-propagating synthesis of CeO 2 -doped MnO 2 catalysts for toluene catalytic combustion. Catalysis Today, 2017, 297, 167-172.	4.4	72
6	Improvement of catalytic stability for CO 2 reforming of methane by copper promoted Ni-based catalyst derived from layered-double hydroxides. Journal of Energy Chemistry, 2016, 25, 1078-1085.	12.9	48
7	Facile one-pot synthesized ordered mesoporous Mg-SBA-15 supported PtSn catalysts for propane dehydrogenation. Applied Catalysis A: General, 2017, 533, 17-27.	4.3	48
8	Effects of preparation methods on CoAlOx/CeO2 catalysts for methane catalytic combustion. Fuel, 2018, 225, 588-595.	6.4	46
9	Improvement of the catalytic performance of supported (NH4)3HPMo11VO40 catalysts in isobutane selective oxidation. Catalysis Today, 2013, 203, 32-39.	4.4	45
10	Enhanced catalytic performances of in situ-assembled LaMnO3/Î´-MnO2 hetero-structures for toluene combustion. Catalysis Today, 2019, 327, 19-27.	4.4	42
11	Ordered mesoporous Sn-SBA-15 as support for Pt catalyst with enhanced performance in propane dehydrogenation. Chinese Journal of Catalysis, 2017, 38, 726-735.	14.0	38
12	Nano-size MZnAl (M=Cu, Co, Ni) metal oxides obtained by combining hydrothermal synthesis with urea homogeneous precipitation procedures. Applied Clay Science, 2010, 48, 203-207.	5.2	37
13	Various Metals (Ce, In, La, and Fe) Promoted Pt/Sn-SBA-15 as Highly Stable Catalysts for Propane Dehydrogenation. Industrial & Engineering Chemistry Research, 2019, 58, 10804-10818.	3.7	33
14	Carbon Nanotubes Supported Nickel as the Highly Efficient Catalyst for Hydrogen Production through Glycerol Steam Reforming. ACS Sustainable Chemistry and Engineering, 2018, 6, 14403-14413.	6.7	31
15	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 Ruâ€“Co Composites. Industrial & Engineering Chemistry Research, 2020, 59, 17200-17209.	3.7	31
16	Theoretical insight into the enhanced CH 4 desorption via H 2 O adsorption on different rank coal surfaces. Journal of Energy Chemistry, 2016, 25, 677-682.	12.9	30
17	Catalytic selective oxidation of isobutane over Cs_x(NH₄)_{3â”x}HPMo₁₁VO₄₀mixed salts. Catalysis Science and Technology, 2014, 4, 2938.	4.1	28
18	Hydrogen production through glycerol steam reforming over the NiCexAl catalysts. Renewable Energy, 2020, 158, 192-201.	8.9	27

#	Article	IF	Citations
19	Toluene catalytic oxidation over the layered MOxâˆ¼Î´-MnO2 (MÂ=ÂPt, Ir, Ag) composites originated from the facile self-driving combustion method. Fuel, 2021, 283, 118888.	6.4	27
20	The role of K in tuning oxidative dehydrogenation of ethane with CO2 to be selective toward ethylene. Advanced Composites and Hybrid Materials, 2021, 4, 793-805.	21.1	27
21	CO 2 selective hydrogenation to synthetic natural gas (SNG) over four nano-sized Ni/ZrO 2 samples: ZrO 2 crystalline phase & treatment impact. Journal of Energy Chemistry, 2016, 25, 1070-1077.	12.9	26
22	Alâ€doped SBAâ€15 Catalysts for Lowâ€temperature Dehydration of 1,3â€Butanediol into Butadiene. ChemCatChem, 2017, 9, 258-262.	3.7	25
23	Improved Catalytic Performance of Ethane Dehydrogenation in the Presence of CO₂ over Zr-Promoted Cr/SiO₂. ACS Omega, 2019, 4, 22562-22573.	3.5	24
24	The role of Zr in NiZrAl oxides catalyst and the evaluation on steam reforming of glycerol for hydrogen product. Catalysis Today, 2019, 319, 229-238.	4.4	23
25	Catalytic synthesis of 2-methylpyrazine over Cr-promoted copper based catalyst via a cyclo-dehydrogenation reaction route. Journal of Chemical Sciences, 2010, 122, 621-630.	1.5	22
26	Plasma assisted preparation of nickel-based catalysts supported on CeO2 with different morphologies for hydrogen production by glycerol steam reforming. Powder Technology, 2019, 354, 324-332.	4.2	21
27	Nano-flowered Ce@MOR hybrids with modulated acid properties for the vapor-phase dehydration of 1,3-butanediol into butadiene. Green Chemistry, 2017, 19, 4610-4621.	9.0	18
28	Synergetic Bimetallic NiCo/CNT Catalyst for Hydrogen Production by Glycerol Steam Reforming: Effects of Metal Species Distribution. Industrial & Engineering Chemistry Research, 2020, 59, 17259-17268.	3.7	18
29	Enhanced low-temperature catalytic performance in CO2 hydrogenation over Mn-promoted NiMgAl catalysts derived from quaternary hydrotalcite-like compounds. International Journal of Hydrogen Energy, 2021, 46, 33107-33119.	7.1	17
30	Glycerol steam reforming for hydrogen production over bimetallic MNi/CNTs (M Co, Cu and Fe) catalysts. Catalysis Today, 2020, 355, 128-138.	4.4	16
31	Converting Poisonous Sulfate Species to an Active Promoter on TiO₂ Predecorated MnO_x Catalysts for the NH₃-SCR Reaction. ACS Applied Materials & Interfaces, 2021, 13, 61237-61247.	8.0	16
32	Layered Double Hydroxides Derived <scp>ZnOâ€Al₂O₃</scp> Supported Pdâ€Ag Catalysts for Selective Hydrogenation of Acetylene. Chinese Journal of Chemistry, 2017, 35, 1009-1015.	4.9	15
33	Structural Evolution under Reaction Conditions of Supported (NH4)3HPMo11VO40 Catalysts for the Selective Oxidation of Isobutane. Catalysts, 2015, 5, 460-477.	3.5	13
34	Effects of Dopants in PtSn/Mâ€Silicaliteâ€1â€‰on Structural Property and on Catalytic Propane Dehydrogenation Performance. ChemistrySelect, 2020, 5, 4175-4185.	1.5	13
35	High-performance CoxM3-xAlOy (M Ni, Mn) catalysts derived from microwave-assisted synthesis of hydrotalcite precursors for methane catalytic combustion. Catalysis Today, 2020, 347, 23-30.	4.4	9
36	Experimental Study of Silver-Loaded Mesoporous Silica for the Separation of Ethylene and Ethane. Journal of Chemical & Engineering Data, 2017, 62, 2562-2569.	1.9	8

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37	Controlled reaction depth by metal (M=Fe, Ni, Mn and Ti) doped ceria in selective oxidation of ethane with carbon dioxide. Applied Catalysis A: General, 2022, 635, 118565.	4.3	8
38	Preparation of Highly Dispersed Nb₂O₅ Supported Cobalt-Based Catalysts for the Fischerâ€“Tropsch Synthesis. Industrial & Engineering Chemistry Research, 2020, 59, 17315-17327.	3.7	7
39	Solvent-free elaboration of Ni-doped MnOx catalysts with high performance for NH3-SCR in low and medium temperature zones. Molecular Catalysis, 2021, 501, 111376.	2.0	7
40	One-pot synthesis of finely-dispersed Au nanoparticles on ZnO hexagonal sheet for base-free aerobic oxidation of vanillyl alcohol. Catalysis Science and Technology, 0, , .	4.1	7
41	Facile synthesis of CuMAl (M = Cr, Mn, Zn, and Co) with highly dispersed Cu and tailorable surface acidity for efficient 2-methylpyrazine synthesis. RSC Advances, 2017, 7, 48662-48669.	3.6	6
42	Influence of hydrothermal treatment on structural property of NiZrAl mixed-metal oxides and on catalytic steam reforming of glycerol for hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 22448-22458.	7.1	6
43	Sustainable synthesis of vanillin through base-free selective oxidation using synergistic AgPd nanoparticles loaded on ZrO2. Catalysis Science and Technology, 0, , .	4.1	6
44	Oxidative dehydrogenation of ethane with carbon dioxide over silica molecular sieves supported chromium oxides: Pore size effect. Chinese Journal of Chemical Engineering, 2021, 34, 77-86.	3.5	5
45	Influence of support precursor on FeCe-TiO2 for selective catalytic reduction of NO with ammonia. Molecular Catalysis, 2021, 508, 111586.	2.0	5
46	Efficient activation of H2 on copper species immobilized by MCM-41 for selective hydrogenation of furfural at ambient pressure. Molecular Catalysis, 2021, 515, 111921.	2.0	5
47	Porous Silica Coated Ceria as a Switch in Tandem Oxidative Dehydrogenation and Dry Reforming of Ethane with CO 2. ChemCatChem, 2021, 13, 3501-3509.	3.7	4
48	Size effect in propane dehydrogenation on PtIn/Sn-SBA-15. Molecular Catalysis, 2022, 518, 112081.	2.0	3
49	Effects of potassium on MgO-supported Fe-Mn catalysts for the hydrogenation of carbon monoxide to light alkenes. Reaction Kinetics and Catalysis Letters, 2008, 94, 139-147.	0.6	2
50	Influences of pore size on production of 2-methylpyrazine over bifunctional CuO/ZnO/meso-SiO2 catalysts. Research on Chemical Intermediates, 2013, 39, 1301-1311.	2.7	2
51	Enhanced lattice oxygen activity on glow discharge plasma irradiated SrCr/SiO2 and the performance in oxidative dehydrogenation of ethane with CO2. Molecular Catalysis, 2021, 509, 111658.	2.0	2
52	Synergistic bimetallic CeNi/SiO2 for boosting the catalytic activity of levulinic acid hydrogenation in gas phase. Journal of Environmental Chemical Engineering, 2022, 10, 107760.	6.7	2