List of Publications by Year in descending order

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		117625	114465
117	4,636 citations	34	63
papers	citations	h-index	g-index
119	119	119	4455
all docs	docs citations	times ranked	citing authors

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#	Article	IF	CITATIONS
1	Assembly of N- and P-functionalized carbon nanostructures derived from precursor-defined ternary copolymers for high-capacity lithium-ion batteries. Chinese Journal of Chemical Engineering, 2023, 53, 280-288.	3.5	2
2	Precisely design PPh3-based polymer by hybrid coupling of monomers for high efficient hydroformylation. Microporous and Mesoporous Materials, 2022, 329, 111508.	4.4	8
3	Synthesis of methyl glycolate by hydrogenation of dimethyl oxalate with a P modified Co/SiO ₂ catalyst. Chemical Communications, 2022, 58, 1958-1961.	4.1	9
4	M/C3N4/AC (M = Au, Pt, Ru)-catalyzed acetylene coupling with ethylene dichloride: How effective are the bifunctionalities?. Chinese Journal of Catalysis, 2022, 43, 820-831.	14.0	5
5	Selective hydrogenation of 1,3-butadiene on iridium nanostructures: Structure sensitivity, host effect, and deactivation mechanism. Journal of Energy Chemistry, 2022, 69, 541-554.	12.9	8
6	Stable ethanol synthesis via dimethyl oxalate hydrogenation over the bifunctional rhenium-copper nanostructures: Influence of support. Journal of Catalysis, 2022, 407, 241-252.	6.2	10
7	Sulfur-Promoted Hydrocarboxylation of Olefins on Heterogeneous Single-Rh-Site Catalysts. ACS Catalysis, 2022, 12, 4203-4215.	11.2	13
8	Revisiting the Structural Evolution of Hydrotalciteâ€Derived Mixed Metal Oxides upon Alkali Metal Doping and Its Impact on Base Catalysis. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	1
9	Triton X-100-directed synthesis of carbon nitride and nitrogen-doped carbon for ethylene dichloride dehydrochlorination. Carbon, 2022, 196, 110-119.	10.3	8
10	Liquid-phase catalytic hydrodechlorination of chlorinated organic compounds in a continuous flow micro-packed bed reactor over a Pd/AC catalyst. Reaction Chemistry and Engineering, 2022, 7, 1827-1835.	3.7	6
11	Atomic-Scale Observation of Sequential Oxidation Process on Co(0001). Journal of Physical Chemistry Letters, 2022, 13, 5131-5136.	4.6	2
12	High Performing and Stable Cu/NiAlO _x Catalysts for the Continuous Catalytic Conversion of Ethanol into Butanol. ChemCatChem, 2022, 14, .	3.7	7
13	Host-induced alteration of the neighbors of single platinum atoms enables selective and stable hydrogenation of butadiene. Nanoscale, 2022, 14, 10506-10513.	5.6	11
14	A General Synthetic Strategy toward Highly Doped Pyridinic Nitrogenâ€Rich Carbons. Advanced Functional Materials, 2021, 31, 2006076.	14.9	35
15	An efficient and ultrastable single-Rh-site catalyst on a porous organic polymer for heterogeneous hydrocarboxylation of olefins. Chemical Communications, 2021, 57, 472-475.	4.1	19
16	Quaternary phosphonium polymer-supported dual-ionically bound [Rh(CO)I3]2– catalyst for heterogeneous ethanol carbonylation. Chinese Journal of Catalysis, 2021, 42, 606-617.	14.0	8
17	The effect of the position of cross-linkers on the structure and microenvironment of PPh ₃ moiety in porous organic polymers. Journal of Materials Chemistry A, 2021, 9, 9165-9174.	10.3	15
18	Rhodium single-atom catalysts with enhanced electrocatalytic hydrogen evolution performance. New Journal of Chemistry, 2021, 45, 5770-5774.	2.8	13

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19	CO Hydrogenation to C2 Oxygenates over SiO2 Supported Rh-Based Catalyst: The Effect of pH Value of Impregnation Solution. Catalysis Letters, 2021, 151, 2775-2783.	2.6	3
20	Highly Efficient Heterogeneous Pd@POPs Catalyst for the N-Formylation of Amine and CO2. Catalysts, 2021, 11, 220.	3.5	7
21	Co–Al Spinel as an Efficient Support for Co-Based Fischer–Tropsch Catalyst: The Effect of Metal–Support Interaction. Industrial & Engineering Chemistry Research, 2021, 60, 2849-2860.	3.7	7
22	Efficient heterogeneous hydroaminocarbonylation of olefins with ammonium chloride as amino source. Applied Catalysis A: General, 2021, 614, 118026.	4.3	4
23	Alcohol Synthesis via Fischer–Tropsch Synthesis over Activated Carbon Supported Alkaline Earth Modified Cobalt Catalyst. Catalysis Letters, 2021, 151, 3632.	2.6	2
24	Tuning surface oxygen group concentration of carbon supports to promote Fischer-Tropsch synthesis. Applied Catalysis A: General, 2021, 613, 118017.	4.3	12
25	Fabrication of an Au ₂₅ â€Cysâ€Mo Electrocatalyst for Efficient Nitrogen Reduction to Ammonia under Ambient Conditions. Small, 2021, 17, e2100372.	10.0	30
26	Constructing efficient hcp-Co active sites for Fischer-Tropsch reaction on an activated carbon supported cobalt catalyst via multistep activation processes. Fuel, 2021, 292, 120244.	6.4	9
27	Enhancing the activity, selectivity, and recyclability of Rh/PPh3 system-catalyzed hydroformylation reactions through the development of a PPh3-derived quasi-porous organic cage as a ligand. Chinese Journal of Catalysis, 2021, 42, 1216-1226.	14.0	13
28	lodide-Coordinated Single-Site Pd Catalysts for Alkyne Dialkoxycarbonylation. ACS Catalysis, 2021, 11, 9242-9251.	11.2	23
29	Mn doping of Co-Al spinel as Fischer-Tropsch catalyst support. Applied Catalysis A: General, 2021, 624, 118308.	4.3	1
30	Direct conversion of methane to oxygenates on porous organic polymers supported Rh mononuclear complex catalyst under mild conditions. Applied Catalysis B: Environmental, 2021, 293, 120208.	20.2	15
31	Constructing Efficient Single Rh Sites on Activated Carbon via Surface Carbonyl Groups for Methanol Carbonylation. ACS Catalysis, 2021, 11, 682-690.	11.2	19
32	Trace Singleâ€Atom Ironâ€Decorated Nitrogenâ€Doped Carbons Enable Highly Efficient Selective Oxidation of Ethyl Benzene. ChemCatChem, 2021, 13, 5084-5088.	3.7	3
33	Highly Selective Conversion of Syngas to Higher Oxygenates over Tandem Catalysts. ACS Catalysis, 2021, 11, 14791-14802.	11.2	19
34	Effects of cobalt carbide on Fischer–Tropsch synthesis with MnO supported Co-based catalysts. Journal of Energy Chemistry, 2020, 42, 227-232.	12.9	8
35	Atomically Dispersed Znâ€N _x Sites in Nâ€Doped Carbon for Reductive Nâ€formylation of Nitroarenes with Formic Acid. ChemCatChem, 2020, 12, 1546-1550.	3.7	39
36	The role of H2 on the stability of the single-metal-site Ir1/AC catalyst for heterogeneous methanol carbonylation. Journal of Catalysis, 2020, 381, 193-203.	6.2	21

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37	Ammonia Hydrothermally Treated SiO ₂ Supported Rh-Based Catalyst for CO Hydrogenation to C ₂ Oxygenates: Remarkable Effect of Support Pore Size. Industrial & Engineering Chemistry Research, 2020, 59, 18798-18807.	3.7	3
38	Porous organic polymer-supported palladium catalyst for hydroesterification of olefins. Molecular Catalysis, 2020, 498, 111239.	2.0	9
39	Porous Ligand Creates New Reaction Route: Bifunctional Single-Atom Palladium Catalyst for Selective Distannylation of Terminal Alkynes. CheM, 2020, 6, 2300-2313.	11.7	92
40	Ammonium salts modified silica supported Rh–Mn–Li catalyst for CO hydrogenation to C2 oxygenates. Reaction Kinetics, Mechanisms and Catalysis, 2020, 131, 677-690.	1.7	4
41	Bifunctional rhenium–copper nanostructures for intensified and stable ethanol synthesis <i>via</i> hydrogenation of dimethyl oxalate. Catalysis Science and Technology, 2020, 10, 3175-3180.	4.1	13
42	Bifunctional Heterogeneous Ru/POP Catalyst Embedded with Alkali for the N-Formylation of Amine and CO ₂ . ACS Sustainable Chemistry and Engineering, 2020, 8, 5576-5583.	6.7	35
43	Dehydration of Long-Chain <i>n</i> -Alcohols to Linear α-Olefins Using Sodium-Modified γ-Al ₂ O ₃ . Industrial & Engineering Chemistry Research, 2020, 59, 4388-4396.	3.7	5
44	Review of heterogeneous methanol carbonylation to acetyl species. Applied Catalysis A: General, 2020, 595, 117488.	4.3	32
45	Constructing copper-zinc interface for selective hydrogenation of dimethyl oxalate. Journal of Catalysis, 2020, 383, 254-263.	6.2	31
46	Preparation and regeneration of supported single-Ir-site catalysts by nanoparticle dispersion via CO and nascent I radicals. Journal of Catalysis, 2020, 382, 347-357.	6.2	13
47	Dualâ€lonically Bound Singleâ€Site Rhodium on Porous Ionic Polymer Rivals Commercial Methanol Carbonylation Catalysts. Advanced Materials, 2019, 31, e1904976.	21.0	26
48	Insight into the stability of binuclear Ir–La catalysts for efficient heterogeneous methanol carbonylation. Journal of Catalysis, 2019, 377, 400-408.	6.2	17
49	Highly active and stable porous polymer heterogenous catalysts for decomposition of formic acid to produce H2. Chinese Journal of Catalysis, 2019, 40, 147-151.	14.0	15
50	La-Stabilized, Single-Atom Ir/AC Catalyst for Heterogeneous Methanol Carbonylation to Methyl Acetate. Industrial & Engineering Chemistry Research, 2019, 58, 4755-4763.	3.7	26
51	Effects of Ni particle size on amination of monoethanolamine over Ni-Re/SiO2 catalysts. Chinese Journal of Catalysis, 2019, 40, 567-579.	14.0	18
52	In situ formation of mononuclear complexes by reaction-induced atomic dispersion of supported noble metal nanoparticles. Nature Communications, 2019, 10, 5281.	12.8	57
53	Constructing Mononuclear Palladium Catalysts by Precoordination/Solvothermal Polymerization: Recyclable Catalyst for Regioselective Oxidative Heck Reactions. Angewandte Chemie - International Edition, 2019, 58, 2448-2453.	13.8	64
54	Constructing Mononuclear Palladium Catalysts by Precoordination/Solvothermal Polymerization: Recyclable Catalyst for Regioselective Oxidative Heck Reactions. Angewandte Chemie, 2019, 131, 2470-2475.	2.0	7

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55	Increasing the activity and selectivity of Co-based FTS catalysts supported by carbon materials for direct synthesis of clean fuels by the addition of chromium. Journal of Catalysis, 2019, 370, 251-264.	6.2	30
56	Single-atom Rh based bipyridine framework porous organic polymer: A high active and superb stable catalyst for heterogeneous methanol carbonylation. Journal of Catalysis, 2019, 369, 249-256.	6.2	53
57	Effect of Re promoter on the structure and catalytic performance of Ni–Re/Al2O3 catalysts for the reductive amination of monoethanolamine. RSC Advances, 2018, 8, 8152-8163.	3.6	28
58	Highly efficient porous organic copolymer supported Rh catalysts for heterogeneous hydroformylation of butenes. Applied Catalysis A: General, 2018, 551, 98-105.	4.3	45
59	Tuning the Fischer–Tropsch reaction over CoxMnyLa/AC catalysts toward alcohols: Effects of La promotion. Journal of Catalysis, 2018, 361, 156-167.	6.2	47
60	A mini review on strategies for heterogenization of rhodium-based hydroformylation catalysts. Frontiers of Chemical Science and Engineering, 2018, 12, 113-123.	4.4	60
61	Insight into the Formation of Co@Co ₂ C Catalysts for Direct Synthesis of Higher Alcohols and Olefins from Syngas. ACS Catalysis, 2018, 8, 228-241.	11.2	152
62	Role of ReOx Species in Ni-Re/Al2O3 Catalyst for Amination of Monoethanolamine. Journal of Physical Chemistry C, 2018, 122, 23011-23025.	3.1	21
63	Heterogeneous Rh/CPOL-BP&P(OPh)3 catalysts for hydroformylation of 1-butene: The formation and evolution of the active species. Journal of Catalysis, 2018, 368, 197-206.	6.2	45
64	Palladium-metalated porous organic polymers as recyclable catalysts for chemoselective decarbonylation of aldehydes. Chemical Communications, 2018, 54, 8446-8449.	4.1	41
65	Pd 0 -PyPPh 2 @porous organic polymer: Efficient heterogeneous nanoparticle catalyst for dehydrogenation of 3-methyl-2-cyclohexen-1-one without extra oxidants and hydrogen acceptors. Molecular Catalysis, 2018, 456, 49-56.	2.0	17
66	Mg–porphyrin complex doped divinylbenzene based porous organic polymers (POPs) as highly efficient heterogeneous catalysts for the conversion of CO ₂ to cyclic carbonates. Dalton Transactions, 2018, 47, 13135-13141.	3.3	30
67	Acid-promoted Ir-La-S/AC-catalyzed methanol carbonylation on single atomic active sites. Chinese Journal of Catalysis, 2018, 39, 1060-1069.	14.0	11
68	Ru–PPh3@porous organic polymer: efficient and stable catalyst for the trickle bed regioselective hydrogenation of cinnamaldehyde. Reaction Kinetics, Mechanisms and Catalysis, 2017, 120, 637-649.	1.7	15
69	Conjugated Microporous Polymer as Heterogeneous Ligand for Highly Selective Oxidative Heck Reaction. Journal of the American Chemical Society, 2017, 139, 3966-3969.	13.7	86
70	Highly recyclable polymer supported ionic liquids as efficient heterogeneous catalysts for batch and flow conversion of CO ₂ to cyclic carbonates. RSC Advances, 2017, 7, 2836-2841.	3.6	44
71	Palladium/Phosphorusâ€Doped Porous Organic Polymer as Recyclable Chemoselective and Efficient Hydrogenation Catalyst under Ambient Conditions. Advanced Synthesis and Catalysis, 2017, 359, 2280-2287.	4.3	60
72	Porous Rh/BINAP polymers as efficient heterogeneous catalysts for asymmetric hydroformylation of styrene: Enhanced enantioselectivity realized by flexible chiral nanopockets. Chinese Journal of Catalysis, 2017, 38, 691-698.	14.0	21

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73	State-of-the-Art Multifunctional Heterogeneous POP Catalyst for Cooperative Transformation of CO ₂ to Cyclic Carbonates. ACS Sustainable Chemistry and Engineering, 2017, 5, 4523-4528.	6.7	105
74	Influence of Pt Particle Size on the Activity of Pt/AC Catalyst in Selective Oxidation of Glycerol to Lactic Acid. Catalysis Letters, 2017, 147, 1197-1203.	2.6	19
75	One-step synthesis of pyruvic acid from glycerol oxidation over Pb promoted Pt/activated carbon catalysts. Chinese Journal of Catalysis, 2017, 38, 928-937.	14.0	16
76	A highly efficient single site Rh-POL-PPh3 catalyst for heterogeneous methanol carbonylation. Molecular Catalysis, 2017, 442, 83-88.	2.0	31
77	Xantphos doped Rh/POPs-PPh3 catalyst for highly selective long-chain olefins hydroformylation: Chemical and DFT insights into Rh location and the roles of Xantphos and PPh3. Journal of Catalysis, 2017, 353, 123-132.	6.2	56
78	Thiophene-Alkyne-Based CMPs as Highly Selective Regulators for Oxidative Heck Reaction. Organic Letters, 2017, 19, 4432-4435.	4.6	25
79	Higher alcohols synthesis via CO hydrogenation on Fe-promoted Co/AC catalysts. Catalysis Today, 2017, 281, 549-558.	4.4	37
80	Chiral BINAP-based hierarchical porous polymers as platforms for efficient heterogeneous asymmetric catalysis. Chinese Journal of Catalysis, 2017, 38, 890-897.	14.0	23
81	Alcohol-treated SiO2 as the support of Ir-Re/SiO2 catalysts for glycerol hydrogenolysis. Chinese Journal of Catalysis, 2016, 37, 2009-2017.	14.0	16
82	Promotional effects of Cr and Fe on Rh/SiO ₂ catalyst for the preparation of ethanol from CO hydrogenation. RSC Advances, 2016, 6, 35348-35353.	3.6	15
83	Single atom dispersed Rh-biphephos&PPh ₃ @porous organic copolymers: highly efficient catalysts for continuous fixed-bed hydroformylation of propene. Green Chemistry, 2016, 18, 2995-3005.	9.0	127
84	Study on CaO-promoted Co/AC catalysts for synthesis of higher alcohols from syngas. Fuel, 2016, 182, 42-49.	6.4	53
85	Phosphonium salt and ZnX ₂ –PPh ₃ integrated hierarchical POPs: tailorable synthesis and highly efficient cooperative catalysis in CO ₂ utilization. Journal of Materials Chemistry A, 2016, 4, 16017-16027.	10.3	47
86	lonic Liquid/Zn-PPh ₃ Integrated Porous Organic Polymers Featuring Multifunctional Sites: Highly Active Heterogeneous Catalyst for Cooperative Conversion of CO ₂ to Cyclic Carbonates. ACS Catalysis, 2016, 6, 6091-6100.	11.2	186
87	Multifunctional Singleâ€Site Catalysts for Alkoxycarbonylation of Terminal Alkynes. ChemSusChem, 2016, 9, 2451-2459.	6.8	30
88	Effects of impregnation strategy on structure and performance of bimetallic CoFe/AC catalysts for higher alcohols synthesis from syngas. Applied Catalysis A: General, 2016, 523, 263-271.	4.3	34
89	The influence of impregnation sequence on glycerol hydrogenolysis over iridium-rhenium catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2016, 118, 481-496.	1.7	17
90	Selective hydrogenolysis of glycerol to 1,3-propanediol over egg-shell type Ir–ReO _x catalysts. RSC Advances, 2016, 6, 13600-13608.	3.6	28

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91	Designing highly efficient Rh/CPOL-bp&PPh ₃ heterogenous catalysts for hydroformylation of internal and terminal olefins. Catalysis Science and Technology, 2016, 6, 2143-2149.	4.1	54
92	The 2V-P,N polymer supported palladium catalyst for methoxycarbonylation of acetylene. Journal of Molecular Catalysis A, 2016, 414, 37-46.	4.8	25
93	A Polymerâ€Bound Monodentateâ€Pâ€Ligated Palladium Complex as a Recyclable Catalyst for the Suzuki–Miyaura Coupling Reaction of Aryl Chlorides. Advanced Synthesis and Catalysis, 2015, 357, 2503-2508.	4.3	38
94	Promoting effect of Al on tethered ligand-modified Rh/SiO2 catalysts for ethylene hydroformylation. Applied Catalysis A: General, 2015, 492, 127-132.	4.3	20
95	Ultrastable 3V-PPh3 polymers supported single Rh sites for fixed-bed hydroformylation of olefins. Journal of Molecular Catalysis A, 2015, 404-405, 211-217.	4.8	65
96	Catalytic hydrogenation of carbon monoxide over Rh–Mn–Li/SiO2 catalyst for the synthesis of C2+ oxygenates:Âthe remarkable effect of urea on the particle size of Rh. Reaction Kinetics, Mechanisms and Catalysis, 2015, 115, 625-634.	1.7	8
97	One-step production of C1–C18 alcohols via Fischer-Tropsch reaction over activated carbon-supported cobalt catalysts: Promotional effect of modification by SiO2. Chinese Journal of Catalysis, 2015, 36, 355-361.	14.0	34
98	High Alcohols Synthesis via Fischer–Tropsch Reaction at Cobalt Metal/Carbide Interface. ACS Catalysis, 2015, 5, 3620-3624.	11.2	231
99	Effect of different synthetic routes on the performance of propylene hydroformylation over 3V-PPh3 polymer supported Rh catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2015, 116, 223-234.	1.7	23
100	Efficient Co3O4/SiO2 catalyst for the Baeyer–Villiger oxidation of cyclohexanone. Reaction Kinetics, Mechanisms and Catalysis, 2014, 112, 159-171.	1.7	11
101	Porous organic ligands (POLs) for synthesizing highly efficient heterogeneous catalysts. Chemical Communications, 2014, 50, 11844-11847.	4.1	148
102	Rh catalysts supported on knitting aryl network polymers for the hydroformylation of higher olefins. Chinese Journal of Catalysis, 2014, 35, 1456-1464.	14.0	17
103	Co–Co ₂ C and Co–Co ₂ C/AC Catalysts for Hydroformylation of 1-Hexene under Low Pressure: Experimental and Theoretical Studies. Journal of Physical Chemistry C, 2014, 118, 19114-19122.	3.1	41
104	Effect of Al2O3 Promoter on a Performance of C1–C14 α-Alcohols Direct Synthesis over Co/AC Catalysts via Fischer–Tropsch Synthesis. Catalysis Letters, 2014, 144, 1433-1442.	2.6	33
105	Model Iron Phosphate Catalysts for the Oxy-bromination of Methane. Catalysis Letters, 2014, 144, 1384-1392.	2.6	4
106	Study on the effect of alkali promoters on the formation of cobalt carbide (Co2C) and on the performance of Co2C via CO hydrogenation reaction. Reaction Kinetics, Mechanisms and Catalysis, 2014, 111, 505-520.	1.7	22
107	A Review on the Synthesis and Applications of Mesostructured Transition Metal Phosphates. Materials, 2013, 6, 217-243.	2.9	83
108	Synthesis and Characterization of Silica-Supported Cobalt Phosphide Catalysts for CO Hydrogenation. Energy & Fuels, 2012, 26, 6559-6566.	5.1	28

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109	Effect of La2O3 doping on syntheses of C1–C18 mixed linear α-alcohols from syngas over the Co/AC catalysts. Applied Catalysis A: General, 2009, 364, 137-142.	4.3	112
110	Structure, Activity, and Stability of Triphenyl Phosphine-Modified Rh/SBA-15 Catalyst for Hydroformylation of Propene: A High-Resolution Solid-State NMR Study. Journal of Physical Chemistry C, 2009, 113, 6589-6595.	3.1	27
111	CO Hydrogenation to C2-oxygenates over Rh–Mn–Li/SiO2 Catalyst: Effects of Support Pretreatment with nC1–C5 Alcohols. Catalysis Letters, 2008, 121, 241-246.	2.6	42
112	Study on Ni-Re-K/Al2O3 catalysts for synthesis of N,N′-di-sec-butyl p-phenylene diamine from p-nitroaniline and 2-butanone. Applied Catalysis A: General, 2007, 330, 43-48.	4.3	7
113	Enhanced ethanol production inside carbon-nanotube reactors containing catalytic particles. Nature Materials, 2007, 6, 507-511.	27.5	864
114	The formation of Co2C species in activated carbon supported cobalt-based catalysts and its impact on Fischer–Tropsch reaction. Catalysis Letters, 2005, 102, 265-269.	2.6	101
115	An Effective Method of Controlling Metal Particle Size on Impregnated Rh-Mn-Li/SiO2 Catalyst. Catalysis Letters, 2005, 104, 177-180.	2.6	20
116	Study of activated carbon supported iron catalysts for the Fischer-Tropsch synthesis. Reaction Kinetics and Catalysis Letters, 2005, 84, 11-19.	0.6	23
117	Title is missing!. Catalysis Letters, 2002, 84, 89-93.	2.6	2