Bunjerd Jongsomjit

List of Publications by Year
in descending order

179	2,979	279798	254184
papers	citations	23 h-index	43 g-index

180	180	180	3055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Co-Support Compound Formation in Alumina-Supported Cobalt Catalysts. Journal of Catalysis, 2001, 204, 98-109.	6.2	330
2	Control of Ti3+surface defect on TiO2 nanocrystal using various calcination atmospheres as the first step for surface defect creation and its application in photocatalysis. Applied Surface Science, 2007, 253, 3849-3855.	6.1	140
3	Effect of zirconia-modified alumina on the properties of Co/Î³-Al2O3 catalysts. Journal of Catalysis, 2003, 215, 66-77.	6.2	132
4	Co-support compound formation in Co/Al2O3 catalysts: effect of reduction gas containing CO. Catalysis Today, 2002, 77, 191-204.	4.4	77
5	Effect of nano-SiO2 particle size on the formation of LLDPE/SiO2 nanocomposite synthesized via the in situ polymerization with metallocene catalyst. Chemical Engineering Science, 2007, 62, 899-905.	3.8	68
6	Co-Support Compound Formation in Titania-Supported Cobalt Catalyst. Catalysis Letters, 2004, 94, 209-215.	2.6	63
7	Transesterification of palm oil and esterification of palm fatty acid in near- and super-critical methanol with SO4â€“ZrO2 catalysts. Fuel, 2010, 89, 2387-2392.	6.4	60
8	Characteristics and catalytic properties of Co/TiO2 for various rutile:anatase ratios. Catalysis Communications, 2005, 6, 705-710.	3.3	49
9	Impact of Ti3+ Present in Titania on Characteristics and Catalytic Properties of the Co/TiO2 Catalyst. Industrial & Engineering Chemistry Research, 2005, 44, 6599-6604.	3.7	48
10	Dehydrogenation of Ethanol to Acetaldehyde over Different Metals Supported on Carbon Catalysts. Catalysts, 2019, 9, 66.	3.5	45
11	Effect of nanoscale SiO2 and ZrO2 as the fillers on the microstructure of LLDPE nanocomposites synthesized via in situ polymerization with zirconocene. Materials Letters, 2007, 61, 1376-1379.	2.6	44
12	Investigation of isosynthesis via CO hydrogenation over ZrO2 and CeO2 catalysts: Effects of crystallite size, phase composition and acidâ€“base sites. Catalysis Communications, 2007, 8, 548-556.	3.3	37
13	Ti-Si composite oxide-supported cobalt catalysts for CO2 hydrogenation. Journal of Natural Gas Chemistry, 2011, 20, 558-564.	1.8	36
14	CO2 hydrogenation over Co/Al2O3 catalysts prepared via a solid-state reaction of fine gibbsite and cobalt precursors. Reaction Kinetics, Mechanisms and Catalysis, 2012, 107, 179-188.	1.7	35
15	Synthesis of mesoporous MFI zeolite via bacterial cellulose-derived carbon templating for fast adsorption of formaldehyde. Journal of Hazardous Materials, 2020, 384, 121161.	12.4	33
16	Diethyl Ether Production during Catalytic Dehydration of Ethanol over Ru- and Pt- modified H-beta Zeolite Catalysts. Journal of Oleo Science, 2017, 66, 199-207.	1.4	32
17	Catalytic Ethanol Dehydration to Ethylene over Nanocrystalline Ï‡- and Î³-Al₂O₃ Catalysts. Journal of Oleo Science, 2017, 66, 1029-1039.	1.4	32
18	A comparative study on synthesis of LLDPE/TiO2 nanocomposites using different TiO2 by in situ polymerization with zirconocene/dMMAO catalyst. Materials Chemistry and Physics, 2008, 112, 954-961.	4.0	31

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19	Effect of calcination temperature on characteristics of sulfated zirconia and its application as catalyst for isosynthesis. Fuel Processing Technology, 2010, 91, 121-126.	7.2	30
20	Enhanced Levulinic Acid Production from Cellulose by Combined BrÃ¸nsted Hydrothermal Carbon and Lewis Acid Catalysts. Industrial & Engineering Chemistry Research, 2019, 58, 2697-2703.	3.7	30
21	Surface defect (Ti3+) controlling in the first step on the anatase TiO2 nanocrystal by using solâ€“gel technique. Applied Surface Science, 2008, 255, 2759-2766.	6.1	28
22	Study of LLDPE/alumina nanocomposites synthesized by in situ polymerization with zirconocene/d-MMAO catalyst. Catalysis Communications, 2008, 9, 522-528.	3.3	27
23	Inhibition effect of Na+ form in ZSM-5 zeolite on hydrogen transfer reaction via 1-butene cracking. Catalysis Today, 2020, 358, 237-245.	4.4	27
24	Impact of temperature ramping rate during calcination on characteristics of nano-ZrO2 and its catalytic activity for isosynthesis. Journal of Molecular Catalysis A, 2008, 280, 35-42.	4.8	25
25	Study of cobalt dispersion on titania consisting various rutile:anatase ratios. Materials Chemistry and Physics, 2005, 92, 572-577.	4.0	24
26	Polyethylene/Clay Nanocomposites Produced byIn SituPolymerization with Zirconocene/MAO Catalyst. Journal of Nanomaterials, 2013, 2013, 1-9.	2.7	24
27	A Comparative Study of Solvothermal and Sol-Gel-Derived Nanocrystalline Alumina Catalysts for Ethanol Dehydration. Journal of Nanomaterials, 2015, 2015, 1-11.	2.7	24
28	Oxidative and non-oxidative dehydrogenation of ethanol to acetaldehyde over different VOx/SBA-15 catalysts. Journal of Environmental Chemical Engineering, 2018, 6, 6516-6529.	6.7	24
29	LLDPE/nano-silica composites synthesized via in situ polymerization of ethylene/1-hexene with MAO/metallocene catalyst. Journal of Materials Science, 2005, 40, 2043-2045.	3.7	23
30	Application of Sulfonated Carbon-Based Catalyst for Reactive Extraction of 1,3-Propanediol from Model Fermentation Mixture. Industrial & Engineering Chemistry Research, 2010, 49, 12352-12357.	3.7	23
31	A comparative study on supporting effect during copolymerization of ethylene/1-olefins with silica-supported zirconocene/MAO catalyst. Materials Chemistry and Physics, 2004, 86, 243-246.	4.0	22
32	Dependence of crystalline phases in titania on catalytic properties during CO hydrogenation of Co/TiO2 catalysts. Materials Chemistry and Physics, 2005, 89, 395-401.	4.0	22
33	Study of cobalt dispersion onto the mixed nano-SiO2â€“ZrO2 supports and its application as a catalytic phase. Materials Chemistry and Physics, 2007, 105, 14-19.	4.0	22
34	Activated carbon from bacterial cellulose as an effective adsorbent for removing dye from aqueous solution. Separation Science and Technology, 2019, 54, 2180-2193.	2.5	22
35	Role of titania in TiO2?SiO2 mixed oxides-supported metallocene catalyst during ethylene/1-octene copolymerization. Catalysis Letters, 2005, 100, 139-146.	2.6	21
36	Catalytic behaviors of mixed TiO2-SiO2-supported cobalt Fischerâ€“Tropsch catalysts for carbon monoxide hydrogenation. Materials Chemistry and Physics, 2006, 97, 343-350.	4.0	21

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37	A study on isosynthesis via CO hydrogenation over ZrO2â€“CeO2 mixed oxide catalysts. Catalysis Communications, 2009, 10, 494-501.	3.3	21
38	Observation of Different Catalytic Activity of Various 1-Olefins during Ethylene/1-Olefin Copolymerization with Homogeneous Metallocene Catalysts. Molecules, 2011, 16, 373-383.	3.8	21
39	Catalytic dehydration of ethanol to ethylene and diethyl ether over alumina catalysts containing different phases with boron modification. Journal of Porous Materials, 2019, 26, 599-610.	2.6	21
40	Effect of Calcination Temperature on Mg-Al Layered Double Hydroxides (LDH) as Promising Catalysts in Oxidative Dehydrogenation of Ethanol to Acetaldehyde. Journal of Oleo Science, 2019, 68, 95-102.	1.4	21
41	Supporting Effects of Silica-Supported Methylaluminoxane (MAO) with Zirconocene Catalyst on Ethylene/1-Olefin Copolymerization Behaviors for Linear Low-Density Polyethylene (LLDPE) Production. Industrial & Engineering Chemistry Research, 2004, 43, 7959-7963.	3.7	20
42	Impact of bimodal pore MCM-41-supported zirconocene/dMMAO catalyst on copolymerization of ethylene/1-octene. Catalysis Communications, 2008, 9, 789-795.	3.3	20
43	Copolymerization of ethylene/1-octene via different pore sized silica-based-supported zirconocene/dMMAO catalysts. Catalysis Communications, 2008, 10, 118-122.	3.3	20
44	Investigation of different modifiers for nanocrystal zirconia on W/ZrO2 catalysts via esterification. Journal of Industrial and Engineering Chemistry, 2010, 16, 935-940.	5.8	20
45	Role of Al in Na-ZSM-5 zeolite structure on catalyst stability in butene cracking reaction. Scientific Reports, 2020, 10, 13643.	3.3	20
46	Synthesis, characteristics and application of mesocellular foam carbon (MCF-C) as catalyst for dehydrogenation of ethanol to acetaldehyde. Journal of Environmental Chemical Engineering, 2020, 8, 103752.	6.7	20
47	Influence of calcination treatment on the activity of tungstated zirconia catalysts towards esterification. Catalysis Communications, 2009, 10, 1079-1084.	3.3	19
48	Effects of Ti oxidation state on ethylene, 1-hexene comonomer polymerization by MgCl2-supported Zieglerâ€“Natta catalysts. Polymer Bulletin, 2011, 67, 1979-1989.	3.3	19
49	Desorption of Water from Distinct Step Types on a Curved Silver Crystal. Molecules, 2014, 19, 10845-10862.	3.8	19
50	Catalytic Ethanol Dehydration over Different Acid-activated Montmorillonite Clays. Journal of Oleo Science, 2016, 65, 347-355.	1.4	19
51	Characteristics and catalytic properties of [t-BuNSiMe2Flu]TiMe2/dMMAO catalyst dispersed on various supports towards ethylene/1-octene copolymerization. Applied Catalysis A: General, 2007, 327, 270-277.	4.3	18
52	Application of Silica/Titania Mixed Oxide-Supported Zirconocene Catalyst for Synthesis of Linear Low-Density Polyethylene. Industrial & Engineering Chemistry Research, 2005, 44, 9059-9063.	3.7	17
53	The Influence of Mixed Activators on Ethylene Polymerization and Ethylene/1-Hexene Copolymerization with Silica-Supported Ziegler-Natta Catalyst. Molecules, 2010, 15, 9323-9339.	3.8	17
54	Effect of nanocrystalline Ï‡-Al2O3 structure on the catalytic behavior of Co/Al2O3 in CO hydrogenation. Catalysis Today, 2011, 164, 302-307.	4.4	17

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55	Oxidative dehydrogenation of ethanol over AgLiâ€“Al2O3 catalysts containing different phases of alumina. Catalysis Communications, 2015, 70, 49-52.	3.3	17
56	Effect of Calcination Temperatures and Mo Modification on Nanocrystalline (Î³-Ï‡)-Al₂O₃ Catalysts for Catalytic Ethanol Dehydration. Journal of Nanomaterials, 2017, 2017, 1-9.	2.7	17
57	A Comparative Study of Ethylene/Â-Olefin Copolymerization with Silane-Modified Silica-Supported MAO Using Zirconocene Catalysts. Catalysis Letters, 2004, 94, 205-208.	2.6	16
58	Elucidation of solvent effects on the catalytic behaviors for [t-BuNSiMe2Flu]TiMe2 complex during ethylene/1-hexene copolymerization. Catalysis Communications, 2006, 7, 721-727.	3.3	16
59	A comparative study of SiO2- and ZrO2-supported zirconocene/MAO catalysts on ethylene/1-olefin copolymerization. Catalysis Communications, 2008, 9, 1426-1431.	3.3	16
60	Liquid-Phase Selective Hydrogenation of 1-Heptyne over Pd/TiO2 Catalyst Synthesized by One-Step Flame Spray Pyrolysis. Catalysis Letters, 2010, 136, 164-170.	2.6	16
61	Influence of flame conditions on the dispersion of Pd on the flame spray-derived Pd/TiO2 nanoparticles. Powder Technology, 2011, 210, 328-331.	4.2	16
62	Elucidation of Pd modification effect on catalytic behaviors of Î³-Al2O3-P catalysts toward ethanol dehydration and dehydrogenation. Catalysis Communications, 2021, 148, 106169.	3.3	16
63	Catalytic Activity During Copolymerization of Ethylene and 1-Hexene via Mixed TiO2/SiO2-Supported MAO with rac-Et[Ind]2ZrCl2 Metallocene Catalyst. Molecules, 2005, 10, 672-678.	3.8	15
64	Synthesis of cobalt on cobalt-aluminate via solvothermal method and its catalytic properties for carbon monoxide hydrogenation. Catalysis Communications, 2008, 10, 232-236.	3.3	15
65	Effect of calcination treatment of zirconia on W/ZrO2 catalysts for transesterification. Fuel Processing Technology, 2011, 92, 1537-1542.	7.2	15
66	Interconnected Micro, Meso, and Macro Porous Activated Carbon from Bacterial Nanocellulose for Superior Adsorption Properties and Effective Catalytic Performance. Molecules, 2020, 25, 4063.	3.8	15
67	Differences in characteristics and catalytic properties of Co catalysts supported on micron- and nano-sized zirconia. Catalysis Communications, 2006, 7, 192-197.	3.3	14
68	Effects of various poisoning compounds on the activity and stereospecificity of heterogeneous Zieglerâ€“Natta catalyst. Science and Technology of Advanced Materials, 2008, 9, 024402.	6.1	14
69	A Comparative Study of Different Al-based Solid Acid Catalysts for Catalytic Dehydration of Ethanol. Engineering Journal, 2016, 20, 63-75.	1.0	14
70	Effect of EtOH/MgCl2 Molar Ratios on the Catalytic Properties of MgCl2-SiO2/TiCl4 Ziegler-Natta Catalyst for Ethylene Polymerization. Molecules, 2011, 16, 8332-8342.	3.8	13
71	Synthesis of LLDPE/TiO2 nanocomposites by in situ polymerization with zirconocene/dMMAO catalyst: effect of [Al]/[Zr] ratios and TiO2 phases. Polymer Bulletin, 2011, 66, 479-490.	3.3	13
72	Activated carbon derived from bacterial cellulose and its use as catalyst support for ethanol conversion to ethylene. Catalysis Communications, 2019, 129, 105750.	3.3	13

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73	Fuel oil generated from the cogon grass-derived Alâ€“Si (Imperata cylindrica (L.) Beauv) catalysed pyrolysis of waste plastics. Heliyon, 2019, 5, e02324.	3.2	13
74	Ethanol Dehydration over WO3/TiO2Catalysts Using Titania Derived from Sol-Gel and Solvothermal Methods. International Journal of Chemical Engineering, 2019, 2019, 1-11.	2.4	13
75	Observation of reduction on alkane products in butene cracking over ZSM-5 modified with Fe, Cu, and Ni catalysts. Fuel, 2021, 291, 120265.	6.4	13
76	Comparative study on the effect of different copper loading on catalytic behaviors and activity of Cu/ZnO/Al2O3 catalysts toward CO and CO2 hydrogenation. Heliyon, 2021, 7, e07682.	3.2	13
77	Influence of Phosphoric Acid Modification on Catalytic Properties of Î³-Ï‡ Al2O3 Catalysts for Dehydration of Ethanol to Diethyl Ether. Bulletin of Chemical Reaction Engineering and Catalysis, 2019, 14, 1.	1.1	13
78	Effect of Zirconia-modified Titania Consisting of Different Phases on Characteristics and Catalytic Properties of Co/TiO2 Catalysts. Catalysis Letters, 2006, 108, 55-61.	2.6	12
79	Characterization of cobalt dispersed on the mixed nanoscale alumina and zirconia supports. Journal of Materials Processing Technology, 2008, 206, 352-358.	6.3	12
80	A Study on Characteristics and Catalytic Properties of Co/ZrO2-B Catalysts Towards Methanation. Catalysis Letters, 2009, 128, 119-126.	2.6	12
81	Hydrogen activated WOx-supported catalysts for Lewis acid transformation to Bronsted acid observed by in situ DRIFTS of adsorbed ammonia: Effect of different supports on the Lewis acid transformation. Catalysis Today, 2020, 358, 370-386.	4.4	12
82	Effect of supports and solvents on ethylene polymerization with titanium complex consisting of phenoxy-imine ligands/dMMAO catalytic system. Journal of Molecular Catalysis A, 2008, 294, 1-7.	4.8	11
83	Effect of Mo-Doped Mesoporous Al-SSP Catalysts for the Catalytic Dehydration of Ethanol to Ethylene. Journal of Chemistry, 2016, 2016, 1-8.	1.9	11
84	Production of Ethylene through Ethanol Dehydration on SBA-15 Catalysts Synthesized by Sol-gel and One-step Hydrothermal Methods. Journal of Oleo Science, 2018, 67, 235-243.	1.4	11
85	Carbon-Based Catalyst from Pyrolysis of Waste Tire for Catalytic Ethanol Dehydration to Ethylene and Diethyl Ether. International Journal of Chemical Engineering, 2019, 2019, 1-10.	2.4	11
86	Temperature and ethanol concentration effects on catalytic ethanol dehydration behaviors over alumina-spherical silica particle composite catalysts. Catalysis Communications, 2020, 145, 106102.	3.3	11
87	Development of a New Ternary Al₂O₃â€“HAPâ€“Pd Catalyst for Diethyl Ether and Ethylene Production Using the Preferential Dehydration of Ethanol. ACS Omega, 2021, 6, 19911-19923.	3.5	11
88	Observation on Different Turnover Number in Two-phase Acid-catalyzed Esterification of Dilute Acetic Acid and 1-Heptanol. Catalysis Letters, 2009, 130, 583-587.	2.6	10
89	The Influence of Comonomer on Ethylene/Î±-Olefin Copolymers Prepared Using [Bis(N-(3-tert) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.8	10
90	Effect of ZnCl₂â€•and SiCl₄â€doped TiCl₄/MgCl₂/THF catalysts for ethylene polymerization. Journal of Applied Polymer Science, 2013, 130, 1588-1594.	2.6	10

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91	Effect of different phase composition in titania on catalytic behaviors of AgLi/TiO2 catalysts via ethanol dehydrogenation. Journal of Environmental Chemical Engineering, 2020, 8, 103547.	6.7	10
92	Active Site Formation in WO_x Supported on Spherical Silica Catalysts for Lewis Acid Transformation to BrÃ¸nsted Acid Activity. Journal of Physical Chemistry C, 2020, 124, 15935-15943.	3.1	10
93	Tuning of catalytic behaviors in ethanol dehydration with oxygen cofeeding over Pd-HBZ catalyst for ethylene production at low temperature. Catalysis Communications, 2020, 137, 105941.	3.3	10
94	Effect of surface sites of TiO2 support on the formation of cobalt-support compound in Co/TiO2 catalysts. Catalysis Communications, 2007, 8, 1772-1780.	3.3	9
95	Effect of Zr-Modified SiO2-Supported Metallocene/MAO Catalyst on Copolymerization of Ethylene/1-Octene. Catalysis Letters, 2008, 121, 266-273.	2.6	9
96	Improvement of Cobalt Dispersion on Co/SBA-15 and Co/SBA-16 Catalysts by Ultrasound and Vacuum Treatments during Post-Impregnation Step. Engineering Journal, 2017, 21, 17-28.	1.0	9
97	Ethanol Dehydrogenation to Acetaldehyde over Activated Carbons-Derived from Coffee Residue. Bulletin of Chemical Reaction Engineering and Catalysis, 2019, 14, 268.	1.1	9
98	Solvent effect on synthesis of zirconia support for tungstated zirconia catalysts. Journal of Industrial and Engineering Chemistry, 2010, 16, 327-333.	5.8	8
99	Behaviors in Ethylene Polymerization of MgCl2-SiO2/TiCl4/THF Ziegler-Natta Catalysts with Differently Treated SiO2. Molecules, 2011, 16, 1323-1335.	3.8	8
100	TRANSESTERIFICATION OF PALM OIL AT NEAR-CRITICAL CONDITIONS USING SULFONATED CARBON-BASED ACID CATALYST. Chemical Engineering Communications, 2013, 200, 1542-1552.	2.6	8
101	Synergistic effects of the ZnCl2-SiCl4 modified TiCl4/MgCl2/THF catalytic system on ethylene/1-hexene and ethylene/1-octene copolymerizations. Chinese Journal of Polymer Science (English Edition), 2014, 32, 84-91.	3.8	8
102	A computational-experimental investigation on high ethylene selectivity in ethanol dehydration reaction found on WOx/ZrO2-activated carbon bi-support systems. Scientific Reports, 2019, 9, 19738.	3.3	8
103	Dehydrogenation of Ethanol to Acetaldehyde over Co/C Catalysts. Engineering Journal, 2019, 23, 1-13.	1.0	8
104	Facile Investigation of Ti3+ State in Ti-based Ziegler-Natta Catalyst with A Combination of Cocatalysts Using Electron Spin Resonance (ESR). Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 55-65.	1.1	8
105	Role of Cr on Cu-Cr catalyst via direct ethanol dehydrogenation to ethyl acetate. Journal of Environmental Chemical Engineering, 2022, 10, 107542.	6.7	8
106	Effect of silane-modified silica/MAO-supported Et[Ind]2ZrCl2 metallocene catalyst on copolymerization of ethylene. European Polymer Journal, 2004, 40, 2813-2817.	5.4	7
107	Observation of bimodal polyethylene derived from TiO2-supported zirconocene/MAO catalyst during polymerization of ethylene and ethylene/1-hexene. Catalysis Letters, 2007, 117, 177-181.	2.6	7
108	Impact of Boron Modification on MCM-41-Supported Cobalt Catalysts for Hydrogenation of Carbon Monoxide. Catalysis Letters, 2007, 118, 195-202.	2.6	7

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109	Synthesis of polyethylene/coir dust hybrid filler via in situ polymerization with zirconocene/MAO catalyst for use in natural rubber biocomposites. Iranian Polymer Journal (English Edition), 2016, 25, 841-848.	2.4	7
110	Differences in characteristics of Zr/SBA-15 and bimetallic Zr-La/SBA-15 prepared by solâ€“gel and hydrothermal methods. Journal of Porous Materials, 2017, 24, 1383-1394.	2.6	7
111	Temperature effect on propylene polymerization behavior over Ziegler-Natta catalyst with different cocatalyst systems. Materials Research Express, 2020, 7, 025309.	1.6	7
112	A review on sensitivity of operating parameters on biogas catalysts for selective oxidation of Hydrogen Sulfide to elemental sulfur. Chemosphere, 2022, 301, 134579.	8.2	7
113	Impact of diene addition on properties for ethyleneâ€“propylene copolymerization with rac-Et[Ind]2ZrCl2/MAO catalyst. Materials Letters, 2005, 59, 3771-3774.	2.6	6
114	Characterization of Cobalt Dispersed on Various Micro- and Nanoscale Silica and Zirconia Supports. Catalysis Letters, 2008, 124, 376-383.	2.6	6
115	Catalytic behaviors of SiO2-supported various aluminoxanes as coactivator in MgCl2/DEP/TiCl4â€“TEA catalysts for propylene polymerization. Catalysis Communications, 2009, 10, 1319-1323.	3.3	6
116	Isosynthesis via CO hydrogenation over SO4â€“ZrO2 catalysts. Journal of Industrial and Engineering Chemistry, 2010, 16, 411-418.	5.8	6
117	Study on Solvent/Alkoxide Molar Ratios on Synthesis Zirconia Nanoparticles for Tungstated Zirconia Catalysts Over Esterification. Catalysis Letters, 2010, 139, 42-49.	2.6	6
118	Bis [N-(3-tert-butylsalicylidene) cyclooctylamine] titanium dichloride activated with MAO for ethylene polymerization. European Polymer Journal, 2013, 49, 1753-1759.	5.4	6
119	Fluorinated bis(phenoxy-imine)titanium complexes with methylaluminoxane forÂthe synthesis of ultra high molecular weight polyethylene. Polymer, 2013, 54, 3217-3222.	3.8	6
120	Effect of nanocrystallite size of TiO2 in Co/TiO2 and Co/TiO2-Ru catalysts on methanation. Korean Journal of Chemical Engineering, 2013, 30, 50-54.	2.7	6
121	CHARACTERISTICS OF ACTIVATED CARBONS DERIVED FROM DEOILED RICE BRAN RESIDUES. Chemical Engineering Communications, 2013, 200, 1309-1321.	2.6	6
122	Effect of HCl Loading and Ethanol Concentration over HCl-Activated Clay Catalysts for Ethanol Dehydration to Ethylene. Journal of Oleo Science, 2017, 66, 1355-1364.	1.4	6
123	Oxidative Dehydrogenation of Ethanol over Vanadium- and Molybdenum-modified Mg-Al Mixed Oxide Derived from Hydrotalcite. Journal of Oleo Science, 2019, 68, 679-687.	1.4	6
124	Rice Husk-Derived Silica as a Support for Zirconocene/MMAO Catalyst in Ethylene Polymerization. Waste and Biomass Valorization, 2020, 11, 769-779.	3.4	6
125	Effect of Cobalt Precursors on Properties of Co/CoAl2O4 Catalysts Synthesized by Solvothermal Method. Engineering Journal, 2012, 16, 5-14.	1.0	6
126	Differences in Deterioration Behaviors of Cu/ZnO/Al₂O₃ Catalysts with Different Cu Contents toward Hydrogenation of CO and CO₂. ACS Omega, 2022, 7, 25783-25797.	3.5	6

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127	The Role of CaO in the Zieglerâ€“Natta Catalyst for Propylene Polymerization. Catalysis Letters, 2006, 109, 147-152.	2.6	5
128	POISONING OF ACTIVE SITES ON ZIEGLER-NATTA CATALYST FOR PROPYLENE POLYMERIZATION. Chinese Journal of Polymer Science (English Edition), 2008, 26, 547.	3.8	5
129	The Role of Zirconia Surface on Catalytic Activity of Tungstated Zirconia via Two-Phase Esterification of Acetic Acid and 1-Heptanol. Catalysis Letters, 2010, 136, 134-140.	2.6	5
130	Effect of Ga modification on different pore size silicas in synthesis of LLDPE by copolymerization of ethylene and 1-hexene with [t-BuNSiMe2Flu]TiMe2/MMAO catalyst. Polymer Bulletin, 2011, 66, 1301-1312.	3.3	5
131	Effect of Ga- and BCl3-modified silica-supported [t-BuNSiMe2(2,7-t-Bu2Flu)]TiMe2/MAO catalyst on ethylene/1-hexene copolymerization. European Polymer Journal, 2012, 48, 1304-1312.	5.4	5
132	Observation on different reducing power of cocatalysts on the Zieglerâ€“Natta catalyst containing alkoxide species for ethylene polymerization. Journal of Applied Polymer Science, 2014, 131, .	2.6	5
133	Influence of Hydrogen on Catalytic Properties of Zieglerâ€Natta Catalysts Prepared by Different Methods in Ethylene Polymerization. Advances in Polymer Technology, 2018, 37, 1035-1040.	1.7	5
134	Influence of acidity on the performance of silica supported tungsten oxide catalysts assessed by in situ and Operando DRIFTS. Catalysis Today, 2020, 358, 345-353.	4.4	5
135	Lithium promotion in ethanol oxidative dehydrogenation over Al- modified Ag/Montmorillonite clays. Molecular Catalysis, 2020, 483, 110717.	2.0	5
136	Study of deactivation in mesocellular foam carbon (MCF-C) catalyst used in gas-phase dehydrogenation of ethanol. Scientific Reports, 2021, 11, 11683.	3.3	5
137	Enhanced stability of Ti-containing silica catalysts for biodiesel epoxidation with hydrogen peroxide: Presence of strong metalâ€“support interactions for alleviating permanent deactivation. Fuel, 2022, 314, 122736.	6.4	5
138	Optimal Conditions for Butanol Production from Ethanol over MgAlO Catalyst Derived from Mg-Al Layer Double Hydroxides. Journal of Oleo Science, 2022, 71, 141-149.	1.4	5
139	Investigation of diene addition on ethyleneâ€“propylene (EP) copolymerization with a zirconocene catalyst: Effects of diene types and E/P ratios. Journal of Materials Processing Technology, 2009, 209, 520-524.	6.3	4
140	Observation on inhibition of Ti3+ reduction by fumed silica addition in Ziegler-Natta catalyst with in situ ESR. Journal of Industrial and Engineering Chemistry, 2012, 18, 1888-1892.	5.8	4
141	LLDPE synthesis via SiO2â€“Ga-supported zirconocene/MMAO catalyst. Journal of Industrial and Engineering Chemistry, 2012, 18, 373-377.	5.8	4
142	Characterization of Different Si- and Al-based Catalysts with Pd Modification and Their Use for Catalytic Dehydration of Ethanol. Journal of Oleo Science, 2018, 67, 1005-1014.	1.4	4
143	Asymmetrical coexistence of associatively and dissociatively adsorbed alcohol species over Î±-Fe2O3 iron oxide nanoparticles. Surface Science, 2018, 677, 203-212.	1.9	4
144	Influence of surface Sn species and hydrogen interactions on the OH group formation over spherical silica-supported tin oxide catalysts. Reaction Chemistry and Engineering, 2020, 5, 1814-1823.	3.7	4

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145	Pd Modification and Supporting Effects on Catalytic Dehydration of Ethanol to Ethylene and Diethyl Ether over W/TiO₂ Catalysts. Journal of Oleo Science, 2020, 69, 503-515.	1.4	4
146	Oxidative dehydrogenation of ethanol over Cu/Mg-Al catalyst derived from hydrotalcite: effect of ethanol concentration and reduction conditions. Journal of Zhejiang University: Science A, 2020, 21, 218-228.	2.4	4
147	Solution-mediated transformation of natural zeolite to ANA and CAN topological structures with altered active sites for ethanol conversion. Advanced Powder Technology, 2021, 32, 4155-4166.	4.1	4
148	Impact of AlCl3 and FeCl2 Addition on Catalytic Behaviors of TiCl4/MgCl2/THF Catalysts for Ethylene Polymerization and Ethylene/1-Hexene Copolymerization. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 393.	1.1	4
149	Improved BrÃ¸nsted to Lewis (B/L) Ratio of Co- and Mo-Impregnated ZSM-5 Catalysts for Palm Oil Conversion to Hydrocarbon-Rich Biofuels. Catalysts, 2021, 11, 1286.	3.5	4
150	Incorporation of diethyl ether production to existing bioethanol process: Techno-economic analysis. Journal of Cleaner Production, 2021, 327, 129438.	9.3	4
151	Catalytic performance of ZnO nanoparticle in formation of LLDPE/ZnO nanocomposites. Iranian Polymer Journal (English Edition), 2012, 21, 51-63.	2.4	3
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