Noritatsu Tsubaki

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/854760/publications.pdf

Version: 2024-02-01

263	10,491	34105	53230
papers	citations	52 h-index	85 g-index

266	266	266	6622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silicalite-1 encapsulated rhodium nanoparticles for hydroformylation of 1-hexene. Catalysis Today, 2023, 410, 150-156.	4.4	3
2	Quick microwave assembling nitrogen-regulated graphene supported iron nanoparticles for Fischer-Tropsch synthesis. Chemical Engineering Journal, 2022, 429, 132063.	12.7	17
3	FeMn@HZSM-5 capsule catalyst for light olefins direct synthesis via Fischer-Tropsch synthesis: Studies on depressing the CO2 formation. Applied Catalysis B: Environmental, 2022, 300, 120713.	20.2	40
4	Hierarchical nano-sized ZnZr-Silicalite-1 multifunctional catalyst for selective conversion of ethanol to butadiene. Applied Catalysis B: Environmental, 2022, 301, 120822.	20.2	20
5	Capsule-like zeolite catalyst fabricated by solvent-free strategy for para-Xylene formation from CO2 hydrogenation. Applied Catalysis B: Environmental, 2022, 303, 120906.	20.2	42
6	Ambient-Pressure Synthesis of Highly Crystallized Zeolite NaA. Industrial & Engineering Chemistry Research, 2022, 61, 1725-1732.	3.7	1
7	Etching C₆CoK₃N₆-induced ZnCdS for improved hydrogen evolution. Sustainable Energy and Fuels, 2022, 6, 408-419.	4.9	13
8	Enhanced performance and stability of Cu/ZnO catalyst by introducing MgO for low-temperature methanol synthesis using methanol itself as catalytic promoter. Fuel, 2022, 315, 123272.	6.4	17
9	Selective direct conversion of aqueous ethanol into butadiene via rational design of multifunctional catalysts. Catalysis Science and Technology, 2022, 12, 2210-2222.	4.1	9
10	Spatially separated catalytic sites supplied with the CdSâ€“MoS₂â€“In₂O₃ ternary dumbbell S-scheme heterojunction for enhanced photocatalytic hydrogen production. Journal of Materials Chemistry A, 2022, 10, 10715-10728.	10.3	37
11	Ammonia pools in zeolites for direct fabrication of catalytic centers. Nature Communications, 2022, 13, 935.	12.8	12
12	Metal 3D Printed Nickelâ€Based Selfâ€Catalytic Reactor for COx Methanation. ChemCatChem, 2022, 14, .	3.7	5
13	Direct Conversion of CO₂ to Aromatics over Kâ€“Znâ€“Fe/ZSM-5 Catalysts via a Fischerâ€“Tropsch Synthesis Pathway. Industrial & Engineering Chemistry Research, 2022, 61, 10336-10346.	3.7	18
14	Activating and optimizing the MoS2@MoO3 S-scheme heterojunction catalyst through interface engineering to form a sulfur-rich surface for photocatalyst hydrogen evolution. Chemical Engineering Journal, 2022, 438, 135238.	12.7	49
15	Tandem Reactions over Zeolite-Based Catalysts in Syngas Conversion. ACS Central Science, 2022, 8, 1047-1062.	11.3	18
16	Novel hybrid alcohol-dominated reaction network for highly selective conversion of CO2 into ethene. Chem Catalysis, 2022, 2, 933-935.	6.1	1
17	Recent advances in the routes and catalysts for ethanol synthesis from syngas. Chemical Society Reviews, 2022, 51, 5606-5659.	38.1	40
18	Amorphous/crystalline heterojunction interface driving the spatial separation of charge carriers for efficient photocatalytic hydrogen evolution. Materials Today Physics, 2022, 27, 100767.	6.0	20

#	Article	IF	Citations
19	Probing the promotional roles of lanthanum in physicochemical properties and performance of ZnZr/Si-beta catalyst for direct conversion of aqueous ethanol to butadiene. Catalysis Today, 2022, , .	4.4	2
20	A mini review on recent advances in thermocatalytic hydrogenation of carbon dioxide to value-added chemicals and fuels. , 2022, 1, 230-248.		4
21	Enhanced Î±-olefins selectivity by promoted CO adsorption on ZrO2@FeCu catalyst. Catalysis Today, 2021, 375, 290-297.	4.4	7
22	More efficient ethanol synthesis from dimethyl ether and syngas over the combined nano-sized ZSM-35 zeolite with CuZnAl catalyst. Catalysis Today, 2021, 369, 88-94.	4.4	11
23	An efficient microcapsule catalyst for one-step ethanol synthesis from dimethyl ether and syngas. Fuel, 2021, 283, 118971.	6.4	15
24	Iron catalysts supported on nitrogen functionalized carbon for improved CO2 hydrogenation performance. Catalysis Communications, 2021, 149, 106216.	3.3	13
25	Insights into the synergistic effect of active centers over ZnMg/SBA-15 catalysts in direct synthesis of butadiene from ethanol. Reaction Chemistry and Engineering, 2021, 6, 548-558.	3.7	14
26	Role of Ga³⁺ promoter in the direct synthesis of iso-butanol via syngas over a Kâ€“ZnO/ZnCr₂O₄ catalyst. Catalysis Science and Technology, 2021, 11, 1077-1088.	4.1	5
27	Powerful and New Chemical Synthesis Reactions from CO2 and C1 Chemistry Innovated by Tailor-Made Coreâ€“Shell Catalysts. Nanostructure Science and Technology, 2021, , 105-120.	0.1	0
28	Influence of Carbon Content in Ni-Doped Mo2C Catalysts on CO Hydrogenation to Mixed Alcohol. Catalysts, 2021, 11, 230.	3.5	9
29	Structureâ€“Performance Correlations over Cu/ZnO Interface for Low-Temperature Methanol Synthesis from Syngas Containing CO₂. ACS Applied Materials & Interfaces, 2021, 13, 8191-8205.	8.0	31
30	Probing Hydrophobization of a Cu/ZnO Catalyst for Suppression of Waterâ€“Gas Shift Reaction in Syngas Conversion. ACS Catalysis, 2021, 11, 4633-4643.	11.2	34
31	Catalytic oligomerization of isobutyl alcohol to jet fuels over dealuminated zeolite Beta. Catalysis Today, 2021, 368, 196-203.	4.4	15
32	Propane Aromatization Tuned by Tailoring Cr Modified Ga/ZSMâ€5 Catalysts. ChemCatChem, 2021, 13, 3601-3610.	3.7	3
33	From Single Metal to Bimetallic Sites: Enhanced Higher Hydrocarbons Yield of CO₂ Hydrogenation over Bimetallic Catalysts. ChemistrySelect, 2021, 6, 5241-5247.	1.5	5
34	Direct Synthesis of Liquefied Petroleum Gas from Carbon Dioxide Using a Copper/Zinc Oxide/Zirconia/Alumina and HY Zeolite Hybrid Catalyst. ChemistrySelect, 2021, 6, 7103-7110.	1.5	1
35	One-Pot Hydrothermal Synthesis of Multifunctional ZnZrTUD-1 Catalysts for Highly Efficient Direct Synthesis of Butadiene from Ethanol. ACS Sustainable Chemistry and Engineering, 2021, 9, 10569-10578.	6.7	14
36	A Carbonylation Zeolite with Specific Nanosheet Structure for Efficient Catalysis. ACS Nano, 2021, 15, 13568-13578.	14.6	18

#	Article	IF	Citations
37	Effect of Different Chelating Agents on the Physicochemical Properties of Cu/ZnO Catalysts for Low-temperature Methanol Synthesis from Syngas Containing CO₂. Journal of the Japan Petroleum Institute, 2021, 64, 245-255.	0.6	2
38	Direct Conversion of CO₂ to Ethanol Boosted by Intimacy-Sensitive Multifunctional Catalysts. ACS Catalysis, 2021, 11, 11742-11753.	11.2	69
39	Multi-Promoters Regulated Iron Catalyst with Well-Matching Reverse Water-Gas Shift and Chain Propagation for Boosting CO2 Hydrogenation. Journal of CO2 Utilization, 2021, 52, 101700.	6.8	22
40	Boosting liquid hydrocarbons selectivity from CO2 hydrogenation by facilely tailoring surface acid properties of zeolite via a modified Fischer-Tropsch synthesis. Fuel, 2021, 306, 121684.	6.4	26
41	Thermocatalytic hydrogenation of <scp>CO₂</scp> into aromatics by tailorâ€made catalysts: Recent advancements and perspectives. EcoMat, 2021, 3, e12080.	11.9	29
42	Transformation of LPG to light olefins on composite HZSM-5/SAPO-5. New Journal of Chemistry, 2021, 45, 4860-4866.	2.8	14
43	Resistance against Carbon Deposition via Controlling Spatial Distance of Catalytic Components in Methane Dehydroaromatization. Catalysts, 2021, 11, 148.	3.5	3
44	Boosting the synthesis of value-added aromatics directly from syngas via a Cr₂O₃ and Ga doped zeolite capsule catalyst. Chemical Science, 2021, 12, 7786-7792.	7.4	18
45	MoP@MoO₃S-scheme heterojunctionin situconstruction with phosphating MoO₃for high-efficient photocatalytic hydrogen production. Nanoscale, 2021, 13, 18507-18519.	5.6	22
46	Zeolitic Imidazolate Framework-67-Derived P-Doped Hollow Porous Co₃O₄ as a Photocatalyst for Hydrogen Production from Water. ACS Applied Materials & Interfaces, 2021, 13, 50996-51007.	8.0	34
47	Ultra-high thermal stability of sputtering reconstructed Cu-based catalysts. Nature Communications, 2021, 12, 7209.	12.8	36
48	Low-temperature direct conversion of methane to methanol over carbon materials supported Pd-Au nanoparticles. Catalysis Today, 2020, 339, 48-53.	4.4	42
49	Designing a hierarchical nanosheet ZSM-35 zeolite to realize more efficient ethanol synthesis from dimethyl ether and syngas. Catalysis Today, 2020, 343, 206-214.	4.4	21
50	Space-Confined Self-Regulation Mechanism from a Capsule Catalyst to Realize an Ethanol Direct Synthesis Strategy. ACS Catalysis, 2020, 10, 1366-1374.	11.2	37
51	Highly selective synthesis of methanol from methane over carbon materials supported Pd-Au nanoparticles under mild conditions. Catalysis Today, 2020, 352, 104-110.	4.4	20
52	Catalytic Oligomerization of Isobutyl Alcohol to Hydrocarbon Liquid Fuels over Acidic Zeolite Catalysts. ChemistrySelect, 2020, 5, 528-532.	1.5	6
53	Efficient and New Production Methods of Chemicals and Liquid Fuels by Carbon Monoxide Hydrogenation. ACS Omega, 2020, 5, 49-56.	3.5	33
54	Effects of the surface adsorbed oxygen species tuned by rare-earth metal doping on dry reforming of methane over Ni/ZrO2 catalyst. Applied Catalysis B: Environmental, 2020, 264, 118522.	20.2	136

#	Article	IF	Citations
55	Fabrication of a CuZn-based catalyst using a polyethylene glycol surfactant and supercritical drying. Catalysis Science and Technology, 2020, 10, 8410-8420.	4.1	4
56	Effects of mordenite zeolite catalyst synthesis conditions on dimethyl ether carbonylation. Microporous and Mesoporous Materials, 2020, 306, 110431.	4.4	17
57	Fabricating Fe Nanoparticles Embedded in Zeolite Y Microcrystals as Active Catalysts for Fischerâ€“Tropsch Synthesis. ACS Applied Nano Materials, 2020, 3, 8096-8103.	5.0	20
58	Vapor-phase low-temperature methanol synthesis from CO2-containing syngas via self-catalysis of methanol and Cu/ZnO catalysts prepared by solid-state method. Applied Catalysis B: Environmental, 2020, 279, 119382.	20.2	38
59	Metal 3D printing technology for functional integration of catalytic system. Nature Communications, 2020, 11, 4098.	12.8	82
60	Selective Conversion of CO₂ into paraâ€Xylene over a ZnCr₂O₄â€ZSMâ€5 Catalyst. ChemSusChem, 2020, 13, 6541-6545.	6.8	33
61	Heteroatom Promoted Ni/Al₂O₃ Catalysts for Highly Efficient Hydrogenation of 1,4â€Butynediol to 1,4â€Butenediol. ChemistrySelect, 2020, 5, 10072-10080.	1.5	4
62	LDH-Derived (CuZn)_xAl_y Bifunctional Catalyst for Direct Synthesis of Dimethyl Ether from Syngas. Industrial & Engineering Chemistry Research, 2020, 59, 11087-11097.	3.7	13
63	Hydrogenation of CO2 to LPG over CuZnZr/MeSAPO-34 catalysts. New Journal of Chemistry, 2020, 44, 9328-9336.	2.8	9
64	Realizing efficient carbon dioxide hydrogenation to liquid hydrocarbons by tandem catalysis design. EnergyChem, 2020, 2, 100038.	19.1	20
65	Design of a coreâ€“shell catalyst: an effective strategy for suppressing side reactions in syngas for direct selective conversion to light olefins. Chemical Science, 2020, 11, 4097-4105.	7.4	95
66	Spinel-structure catalyst catalyzing CO₂ hydrogenation to full spectrum alkenes with an ultra-high yield. Chemical Communications, 2020, 56, 9372-9375.	4.1	38
67	Developing Cu-MOR@SiO2 Coreâ€“Shell Catalyst Microcapsules for Two-Stage Ethanol Direct Synthesis from DME and Syngas. Industrial & Engineering Chemistry Research, 2020, 59, 3293-3300.	3.7	11
68	Urea-derived Cu/ZnO catalyst being dried by supercritical CO2 for low-temperature methanol synthesis. Fuel, 2020, 268, 117213.	6.4	27
69	Direct conversion of CO2 to aromatics with high yield via a modified Fischer-Tropsch synthesis pathway. Applied Catalysis B: Environmental, 2020, 269, 118792.	20.2	106
70	LPG Direct Synthesis from Syngas over a Cu/ZnO/ZrO 2 /Al 2 O 3 @Hâ€Î² Zeolite Capsule Catalyst Prepared by a Facile Physical Method. ChemistrySelect, 2020, 5, 1932-1937.	1.5	3
71	A Wellâ€Defined Coreâ€“Shellâ€Structured Capsule Catalyst for Direct Conversion of CO₂ into Liquefied Petroleum Gas. ChemSusChem, 2020, 13, 2060-2065.	6.8	23
72	Effects of a forming process on the properties and structure of RANEYÂ®-Ni catalysts for the hydrogenation of 1,4-butenediol. RSC Advances, 2020, 10, 5516-5524.	3.6	4

#	Article	IF	Citations
73	Facile Synthesis of Protonâ€Type ZSMâ€5 by Using Quasiâ€Solidâ€Phase (QSP) Method. Chemistry - A European Journal, 2020, 26, 8532-8535.	3.3	5
74	Heteroatom doped iron-based catalysts prepared by urea self-combustion method for efficient CO2 hydrogenation. Fuel, 2020, 276, 118102.	6.4	27
75	Effects of calcination temperatures on the structureâ€“activity relationship of Niâ€“La/Al₂O₃ catalysts for syngas methanation. RSC Advances, 2020, 10, 4166-4174.	3.6	9
76	Direct Production of Hydrocarbons by Fischer-Tropsch Synthesis Using Newly Designed Catalysts. Journal of the Japan Petroleum Institute, 2020, 63, 239-247.	0.6	4
77	A Study on the Effect of pH Value of Impregnation Solution in Nickel Catalyst Preparation for Methane Dry Reforming Reaction. ChemistrySelect, 2019, 4, 8953-8959.	1.5	6
78	Selective formation of linear-alpha olefins (LAOs) by CO2 hydrogenation over bimetallic Fe/Co-Y catalyst. Catalysis Communications, 2019, 130, 105759.	3.3	42
79	Influence of hydrothermal synthesis temperature on the redox and oxygen mobility properties of manganese oxides in the catalytic oxidation of toluene. Transition Metal Chemistry, 2019, 44, 663-670.	1.4	17
80	NaBH₄In€situ Reduced Cobalt Catalyst Supported on Zeolite A for 1â€Hexene Hydroformylation. ChemistrySelect, 2019, 4, 10447-10451.	1.5	6
81	Rational design of syngas to isoparaffins reaction route over additive dehydrogenation catalyst in a triple-bed system. Catalysis Communications, 2019, 131, 105799.	3.3	12
82	Macroscopic assembly style of catalysts significantly determining their efficiency for converting CO₂ to gasoline. Catalysis Science and Technology, 2019, 9, 5401-5412.	4.1	30
83	Direct CO2 hydrogenation to light olefins by suppressing CO by-product formation. Fuel Processing Technology, 2019, 196, 106174.	7.2	69
84	Designing a Mesoporous Zeolite Catalyst for Products Optimizing in n-Decane Hydrocraking. Catalysts, 2019, 9, 766.	3.5	7
85	Effect of Preparation Method on ZrO2-Based Catalysts Performance for Isobutanol Synthesis from Syngas. Catalysts, 2019, 9, 752.	3.5	9
86	Comparison of support synthesis methods for TiO₂and the effects of surface sulfates on its activity toward NH₃-SCR. New Journal of Chemistry, 2019, 43, 1818-1826.	2.8	11
87	A brand new zeolite catalyst for carbonylation reaction. Chemical Communications, 2019, 55, 1048-1051.	4.1	52
88	Achieving efficient and robust catalytic reforming on dual-sites of Cu species. Chemical Science, 2019, 10, 2578-2584.	7.4	56
89	Methane decomposition and carbon deposition over Ni/ZrO2 catalysts: Comparison of amorphous, tetragonal, and monoclinic zirconia phase. International Journal of Hydrogen Energy, 2019, 44, 17887-17899.	7.1	51
90	Solvent-free anchoring nano-sized zeolite on layered double hydroxide for highly selective transformation of syngas to gasoline-range hydrocarbons. Fuel, 2019, 253, 249-256.	6.4	7

#	Article	IF	Citations
91	One-Pot Hydrothermal Synthesis of Nitrogen Functionalized Carbonaceous Material Catalysts with Embedded Iron Nanoparticles for CO₂ Hydrogenation. ACS Sustainable Chemistry and Engineering, 2019, 7, 8331-8339.	6.7	40
92	Sputtered Cu-ZnO/Î³-Al₂O₃ Bifunctional Catalyst with Ultra-Low Cu Content Boosting Dimethyl Ether Steam Reforming and Inhibiting Side Reactions. Industrial & Engineering Chemistry Research, 2019, 58, 7085-7093.	3.7	11
93	Significant Advances in C1 Catalysis: Highly Efficient Catalysts and Catalytic Reactions. ACS Catalysis, 2019, 9, 3026-3053.	11.2	238
94	Insight into solvent-free synthesis of MOR zeolite and its laboratory scale production. Microporous and Mesoporous Materials, 2019, 280, 187-194.	4.4	37
95	Tuning interaction between cobalt catalysts and nitrogen dopants in carbon nanospheres to promote Fischer-Tropsch synthesis. Applied Catalysis B: Environmental, 2019, 248, 73-83.	20.2	58
96	Topologically immobilized catalysis centre for long-term stable carbon dioxide reforming of methane. Chemical Science, 2019, 10, 3701-3705.	7.4	27
97	Direct and Oriented Conversion of CO₂ into Valueâ€Added Aromatics. Chemistry - A European Journal, 2019, 25, 5149-5153.	3.3	89
98	Bifunctional Capsule Catalyst of Al₂O₃@Cu with Strengthened Dehydration Reaction Field for Direct Synthesis of Dimethyl Ether from Syngas. Industrial & Engineering Chemistry Research, 2019, 58, 22905-22911.	3.7	31
99	Structure and surface characteristics of Fe-promoted Ni/Al₂O₃ catalysts for hydrogenation of 1,4-butynediol to 1,4-butenediol in a slurry-bed reactor. Catalysis Science and Technology, 2019, 9, 6598-6605.	4.1	17
100	Rationally Designing Bifunctional Catalysts as an Efficient Strategy To Boost CO₂ Hydrogenation Producing Value-Added Aromatics. ACS Catalysis, 2019, 9, 895-901.	11.2	236
101	Beyond Cars: Fischerâ€Tropsch Synthesis for Nonâ€Automotive Applications. ChemCatChem, 2019, 11, 1412-1424.	3.7	38
102	Effects of surface hydroxyl groups induced by the co-precipitation temperature on the catalytic performance of direct synthesis of isobutanol from syngas. Fuel, 2019, 237, 1021-1028.	6.4	16
103	Designing a novel dual bed reactor to realize efficient ethanol synthesis from dimethyl ether and syngas. Catalysis Science and Technology, 2018, 8, 2087-2097.	4.1	28
104	Mnâ€“Fe nanoparticles on a reduced graphene oxide catalyst for enhanced olefin production from syngas in a slurry reactor. RSC Advances, 2018, 8, 14854-14863.	3.6	25
105	Highly Dispersed Mo₂C Anchored on N,Pâ€Codoped Graphene as Efficient Electrocatalyst for Hydrogen Evolution Reaction. ChemCatChem, 2018, 10, 2300-2304.	3.7	22
106	Nitrogen-rich mesoporous carbon supported iron catalyst with superior activity for Fischer-Tropsch synthesis. Carbon, 2018, 130, 304-314.	10.3	47
107	Direct syngas conversion to liquefied petroleum gas: Importance of a multifunctional metal-zeolite interface. Applied Energy, 2018, 209, 1-7.	10.1	35
108	Design of ultra-active iron-based Fischer-Tropsch synthesis catalysts over spherical mesoporous carbon with developed porosity. Chemical Engineering Journal, 2018, 334, 714-724.	12.7	48

#	Article	IF	Citations
109	Synthesis of Polyoxymethylene Dimethyl Ethers from Dimethyl Ether Direct Oxidation over Carbonâ€Based Catalysts. ChemCatChem, 2018, 10, 273-279.	3.7	26
110	Direct synthesis of liquefied petroleum gas from syngas over H-ZSM-5 enwrapped Pd-based zeolite capsule catalyst. Catalysis Today, 2018, 303, 77-85.	4.4	19
111	Active Fischer-Tropsch synthesis Fe-Cu-K/SiO 2 catalysts prepared by autocombustion method without a reduction step. Journal of Energy Chemistry, 2018, 27, 432-438.	12.9	12
112	Design and Synthesis of Powerful Capsule Catalysts Aimed at Applications in C1 Chemistry and Biomass Conversion. Chemical Record, 2018, 18, 4-19.	5.8	20
113	Probing the promotional roles of cerium in the structure and performance of Cu/SiO₂ catalysts for ethanol production. Catalysis Science and Technology, 2018, 8, 6441-6451.	4.1	36
114	Recent advances in direct catalytic hydrogenation of carbon dioxide to valuable C₂₊ hydrocarbons. Journal of Materials Chemistry A, 2018, 6, 23244-23262.	10.3	144
115	Recent advances in multifunctional capsule catalysts in heterogeneous catalysis. Chinese Journal of Chemical Physics, 2018, 31, 393-403.	1.3	9
116	Enhanced Liquid Fuel Production from CO₂ Hydrogenation: Catalytic Performance of Bimetallic Catalysts over a Twoâ€Stage Reactor System. ChemistrySelect, 2018, 3, 13705-13711.	1.5	33
117	Freezing copper as a noble metalâ€“like catalyst for preliminary hydrogenation. Science Advances, 2018, 4, eaau3275.	10.3	64
118	Integrated tuneable synthesis of liquid fuels via Fischerâ€“Tropsch technology. Nature Catalysis, 2018, 1, 787-793.	34.4	300
119	Dimethyl ether carbonylation to methyl acetate over highly crystalline zeolite seed-derived ferrierite. Catalysis Science and Technology, 2018, 8, 3060-3072.	4.1	29
120	Confined small-sized cobalt catalysts stimulate carbon-chain growth reversely by modifying ASF law of Fischerâ€“Tropsch synthesis. Nature Communications, 2018, 9, 3250.	12.8	186
121	Selectively Converting Biomass to Jet Fuel in Largeâ€scale Apparatus. ChemCatChem, 2017, 9, 2668-2674.	3.7	12
122	Enhanced Hydrogen Production from Steam Reforming of Vegetable Oil over Bimodal ZrO₂â€SiO₂ Supported Ni Catalyst. ChemistrySelect, 2017, 2, 527-532.	1.5	10
123	A facile ethanol fuel synthesis from dimethyl ether and syngas over tandem combination of Cu-doped HZSM35 with Cu-Zn-Al catalyst. Chemical Engineering Journal, 2017, 316, 832-841.	12.7	34
124	Cation modulating electrocatalyst derived from bimetallic metalâ€“organic frameworks for overall water splitting. Journal of Materials Chemistry A, 2017, 5, 6170-6177.	10.3	58
125	The role of different state ZnO over non-stoichiometric Znâ€“Cr spinel catalysts for isobutanol synthesis from syngas. Applied Catalysis A: General, 2017, 536, 57-66.	4.3	38
126	A hollow Mo/HZSM-5 zeolite capsule catalyst: preparation and enhanced catalytic properties in methane dehydroaromatization. Journal of Materials Chemistry A, 2017, 5, 8599-8607.	10.3	59

#	Article	IF	Citations
127	Synergistic Effect of a Boronâ€Doped Carbonâ€Nanotubeâ€Supported Cu Catalyst for Selective Hydrogenation of Dimethyl Oxalate to Ethanol. Chemistry - A European Journal, 2017, 23, 8252-8261.	3.3	47
128	Building premium secondary reaction field with a miniaturized capsule catalyst to realize efficient synthesis of a liquid fuel directly from syngas. Catalysis Science and Technology, 2017, 7, 1996-2000.	4.1	19
129	Functionalized Natural Carbonâ€Supported Nanoparticles as Excellent Catalysts for Hydrocarbon Production. Chemistry - an Asian Journal, 2017, 12, 366-371.	3.3	7
130	Recent progress for direct synthesis of dimethyl ether from syngas on the heterogeneous bifunctional hybrid catalysts. Applied Catalysis B: Environmental, 2017, 217, 494-522.	20.2	181
131	Tandem catalytic synthesis of benzene from CO₂and H₂. Catalysis Science and Technology, 2017, 7, 2695-2699.	4.1	27
132	Design of an Autoreduced Copper in Carbon Nanotube Catalyst to Realize the Precisely Selective Hydrogenation of Dimethyl Oxalate. ChemCatChem, 2017, 9, 1067-1075.	3.7	28
133	One-pass selective conversion of syngas to para-xylene. Chemical Science, 2017, 8, 7941-7946.	7.4	154
134	Highly Ordered Mesoporous Fe₂O₃â€“ZrO₂ Bimetal Oxides for an Enhanced CO Hydrogenation Activity to Hydrocarbons with Their Structural Stability. ACS Catalysis, 2017, 7, 5955-5964.	11.2	63
135	Preparation and application of Cu/ZnO catalyst by urea hydrolysis method for low-temperature methanol synthesis from syngas. Fuel Processing Technology, 2017, 167, 69-77.	7.2	44
136	Direct synthesis of iso-paraffin fuel from palm oil on mixed heterogeneous acid and base catalysts. Monatshefte FÃ¼r Chemie, 2017, 148, 1235-1243.	1.8	4
137	Oxygenates Synthesis by Hydroformylation of 1-hexene over Co Nanoparticle Catalyst. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 186-189.	0.2	0
138	Influence of Co Precursor and Pt Additive on Catalytic Performance of Highly Active Co/SiO₂-based Fischer-Tropsch Synthesis Catalysts. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 250-254.	0.2	1
139	An in-situ synthesis of low-cost mesostructured nickel nanoparticles embedded carbon/silica composite via a solidâ€“liquid grinding route and its application for the carbon dioxide reforming of methane. International Journal of Hydrogen Energy, 2016, 41, 10680-10687.	7.1	17
140	The effects of the Moâ€“Sn contact interface on the oxidation reaction of dimethyl ether to methyl formate at a low reaction temperature. Catalysis Science and Technology, 2016, 6, 6109-6117.	4.1	10
141	Enhancing catalytic performance of activated carbon supported Rh catalyst on heterogeneous hydroformylation of 1-hexene via introducing surface oxygen-containing groups. Applied Catalysis A: General, 2016, 527, 53-59.	4.3	30
142	Expanding Small Pore Size of the Bimodal Catalyst with Surfactant and Its Application in Slurry-phase Fischer-Tropsch Synthesis. ChemistrySelect, 2016, 1, 778-783.	1.5	2
143	Direct fabrication of catalytically active Fe_xC sites by solâ€“gel autocombustion for preparing Fischerâ€“Tropsch synthesis catalysts without reduction. Catalysis Science and Technology, 2016, 6, 7597-7603.	4.1	11
144	Application of modified CNTs with Ti(SO₄)₂ in selective oxidation of dimethyl ether. Catalysis Science and Technology, 2016, 6, 7193-7202.	4.1	16

#	Article	IF	Citations
145	Ordered mesoporous alumina-supported bimetallic Pdâ€“Ni catalysts for methane dry reforming reaction. Catalysis Science and Technology, 2016, 6, 6542-6550.	4.1	73
146	Nitrogen-doped graphene nanosheets as metal-free catalysts for dehydrogenation reaction of ethanol. RSC Advances, 2016, 6, 13450-13455.	3.6	25
147	Ternary copperâ€“cobaltâ€“cerium catalyst for the production of ethanol and higher alcohols through CO hydrogenation. Applied Catalysis A: General, 2016, 514, 14-23.	4.3	49
148	Structural and kinetical studies on the supercritical CO2 dried Cu/ZnO catalyst for low-temperature methanol synthesis. Chemical Engineering Journal, 2016, 295, 160-166.	12.7	21
149	Formic acid-assisted synthesis of highly efficient Cu/ZnO catalysts: effect of HCOOH/Cu molar ratios. Catalysis Science and Technology, 2016, 6, 4777-4785.	4.1	5
150	Designing a novel Niâ€“Al2O3â€“SiC catalyst with a stereo structure for the combined methane conversion process to effectively produce syngas. Catalysis Today, 2016, 265, 36-44.	4.4	33
151	Effects of tetrahedral molybdenum oxide species and MoO_x domains on the selective oxidation of dimethyl ether under mild conditions. Catalysis Science and Technology, 2016, 6, 2975-2983.	4.1	18
152	Synthesis and properties of a new halogen-free flame-retardant epoxy resin curing agent. High Performance Polymers, 2016, 28, 110-118.	1.8	16
153	Active and regioselective rhodium catalyst supported on reduced graphene oxide for 1-hexene hydroformylation. Catalysis Science and Technology, 2016, 6, 1162-1172.	4.1	45
154	Effects of MoO₃ crystalline structure of MoO₃â€“SnO₂ catalysts on selective oxidation of glycol dimethyl ether to 1,2-propandiol. Catalysis Science and Technology, 2016, 6, 1842-1849.	4.1	12
155	SO3H-modified petroleum coke derived porous carbon as an efficient solid acid catalyst for esterification of oleic acid. Journal of Porous Materials, 2016, 23, 263-271.	2.6	26
156	Monodispersed Hollow SO₃H-Functionalized Carbon/Silica as Efficient Solid Acid Catalyst for Esterification of Oleic Acid. ACS Applied Materials & Interfaces, 2015, 7, 26767-26775.	8.0	124
157	Influence of Zirconia Phase on the Performance of Ni/ZrO₂ for Carbon Dioxide Reforming of Methane. ACS Symposium Series, 2015, , 135-153.	0.5	9
158	Carbon dioxide reforming of methane over Ni nanoparticles incorporated into mesoporous amorphous ZrO 2 matrix. Fuel, 2015, 147, 243-252.	6.4	78
159	Design of a Hierarchical Meso/Macroporous Zeoliteâ€Supported Cobalt Catalyst for the Enhanced Direct Synthesis of Isoparaffins from Syngas. ChemCatChem, 2015, 7, 682-689.	3.7	23
160	Designing core (Cu/ZnO/Al2O3)â€“shell (SAPO-11) zeolite capsule catalyst with a facile physical way for dimethyl ether direct synthesis from syngas. Chemical Engineering Journal, 2015, 270, 605-611.	12.7	88
161	The mechanism of higher alcohol formation on ZrO2-based catalyst from syngas. Korean Journal of Chemical Engineering, 2015, 32, 406-412.	2.7	26
162	Synthesis of novel intumescent flame retardant containing phosphorus, nitrogen and boron and its application in polyethylene. Polymer Bulletin, 2015, 72, 2967-2978.	3.3	41

#	Article	IF	Citations
163	Facilely Synthesized H-Mordenite Nanosheet Assembly for Carbonylation of Dimethyl Ether. ACS Applied Materials & Interfaces, 2015, 7, 8398-8403.	8.0	86
164	Green Synthesis of Rice Bran Microsphere Catalysts Containing Natural Biopromoters. ChemCatChem, 2015, 7, 1642-1645.	3.7	17
165	Iso-butanol direct synthesis from syngas over the alkali metals modified Cr/ZnO catalysts. Applied Catalysis A: General, 2015, 505, 141-149.	4.3	69
166	Effects of the MoO₃ structure of Moâ€“Sn catalysts on dimethyl ether oxidation to methyl formate under mild conditions. Green Chemistry, 2015, 17, 1057-1064.	9.0	19
167	Tunable isoparaffin and olefin yields in Fischerâ€“Tropsch synthesis achieved by a novel iron-based micro-capsule catalyst. Catalysis Today, 2015, 251, 41-46.	4.4	29
168	Development of dual-membrane coated Fe/SiO2 catalyst for efficient synthesis of isoparaffins directly from syngas. Journal of Membrane Science, 2015, 475, 22-29.	8.2	30
169	Effects of Fe dopants and residual carbonates on the catalytic activities of the perovskite-type La0.7Sr0.3Co1â˜Fe O3 NO storage catalyst. Applied Catalysis B: Environmental, 2014, 146, 24-34.	20.2	60
170	Combining wet impregnation and dry sputtering to prepare highly-active CoPd/H-ZSM5 ternary catalysts applied for tandem catalytic synthesis of isoparaffins. Catalysis Science and Technology, 2014, 4, 1260.	4.1	32
171	Ethanol direct synthesis from dimethyl ether and syngas on the combination of noble metal impregnated zeolite with Cu/ZnO catalyst. Catalysis Today, 2014, 232, 22-26.	4.4	42
172	Highly-Dispersed Metallic Ru Nanoparticles Sputtered on H-Beta Zeolite for Directly Converting Syngas to Middle Isoparaffins. ACS Catalysis, 2014, 4, 1-8.	11.2	98
173	Nanoparticle modified Ni-based bimodal pore catalysts for enhanced CO₂methanation. RSC Advances, 2014, 4, 64617-64624.	3.6	40
174	Fabrication of active Cuâ€“Zn nanoalloys on H-ZSM5 zeolite for enhanced dimethyl ether synthesis via syngas. Journal of Materials Chemistry A, 2014, 2, 8637.	10.3	43
175	Effect of modifiers on the performance of Cu-ZnO-based catalysts for low-temperature methanol synthesis. Journal of Fuel Chemistry and Technology, 2014, 42, 704-709.	2.0	8
176	One-Pot Transformation of Cellulose to Sugar Alcohols over Acidic Metal Phosphates Combined with Ru/C. Industrial & Engineering Chemistry Research, 2014, 53, 12655-12664.	3.7	30
177	Catalysis Chemistry of Dimethyl Ether Synthesis. ACS Catalysis, 2014, 4, 3346-3356.	11.2	232
178	Ruthenium promoted cobalt catalysts prepared by an autocombustion method directly used for Fischerâ€“Tropsch synthesis without further reduction. Catalysis Science and Technology, 2014, 4, 3099.	4.1	25
179	Copperâ€“iron supported bimodal pore catalyst and its application for higher alcohols synthesis. Catalysis Today, 2014, 234, 278-284.	4.4	27
180	Pt Nanoparticles Loaded on Reduced Graphene Oxide as an Effective Catalyst for the Direct Oxidation of 5-Hydroxymethylfurfural (HMF) to Produce 2,5-Furandicarboxylic Acid (FDCA) under Mild Conditions. Bulletin of the Chemical Society of Japan, 2014, 87, 1124-1129.	3.2	32

#	Article	IF	Citations
181	Pore Structure Model of Bimodal Catalyst Supports. Journal of the Japan Petroleum Institute, 2014, 57, 230-234.	0.6	1
182	Oriented synthesis of target products in liquid-phase tandem reaction over a tripartite zeolite capsule catalyst. Chemical Science, 2013, 4, 3958.	7.4	25
183	Solâ€“gel auto-combustion synthesis of Niâ€“CexZr1â^'xO2 catalysts for carbon dioxide reforming of methane. RSC Advances, 2013, 3, 22285.	3.6	24
184	Tuning interactions between zeolite and supported metal by physical-sputtering to achieve higher catalytic performances. Scientific Reports, 2013, 3, 2813.	3.3	25
185	A Catalyst for Oneâ€step Isoparaffin Production via Fischerâ€“Tropsch Synthesis: Growth of a Hâ€Mordenite Shell Encapsulating a Fused Iron Core. ChemCatChem, 2013, 5, 3101-3106.	3.7	30
186	Controllable encapsulation of cobalt clusters inside carbon nanotubes as effective catalysts for Fischerâ€“Tropsch synthesis. Catalysis Today, 2013, 215, 24-28.	4.4	66
187	Facile solid-state synthesis of Cuâ€“Znâ€“O catalysts for novel ethanol synthesis from dimethyl ether (DME) and syngas (CO+H2). Fuel, 2013, 109, 54-60.	6.4	31
188	Methane reforming with carbon dioxide over mesoporous nickelâ€“alumina composite catalyst. Chemical Engineering Journal, 2013, 221, 25-31.	12.7	85
189	Formic acid directly assisted solid-state synthesis of metallic catalysts without further reduction: As-prepared Cu/ZnO catalysts for low-temperature methanol synthesis. Journal of Catalysis, 2013, 302, 83-90.	6.2	40
190	Tandem catalytic synthesis of light isoparaffin from syngas via Fischerâ€“Tropsch synthesis by newly developed coreâ€“shell-like zeolite capsule catalysts. Catalysis Today, 2013, 215, 29-35.	4.4	106
191	Selective oxidation of dimethyl ether to methyl formate over trifunctional MoO3â€“SnO2 catalyst under mild conditions. Green Chemistry, 2013, 15, 1501.	9.0	29
192	Mesoporous SiO2-confined La0.7Sr0.3CoO3 perovskite nanoparticles: an efficient NOx adsorber for lean-burn exhausts. Catalysis Science and Technology, 2013, 3, 1493.	4.1	20
193	A new coreâ€“shell-like capsule catalyst with SAPO-46 zeolite shell encapsulated Cr/ZnO for the controlled tandem synthesis of dimethyl ether from syngas. Fuel, 2013, 111, 727-732.	6.4	59
194	Effect of catalytic site position: Nickel nanocatalyst selectively loaded inside or outside carbon nanotubes for methane dry reforming. Fuel, 2013, 108, 430-438.	6.4	120
195	An Introduction of CO₂ Conversion by Dry Reforming with Methane and New Route of Low-Temperature Methanol Synthesis. Accounts of Chemical Research, 2013, 46, 1838-1847.	15.6	137
196	Synthesis of Thianthrene Derivatives Linked by Carbon Chains. Synthesis, 2013, 46, 42-48.	2.3	11
197	Filter and buffer-pot confinement effect of hollow sphere catalyst for promoted activity and enhanced selectivity. Journal of Materials Chemistry A, 2013, 1, 5670.	10.3	33
198	Nitrate Combustion Methods to Prepare Highly Active Cu/ZnO Catalysts for Low-Temperature Methanol Synthesis: Comparative Behaviors of Citric Acid in Air or Argon Atmosphere. Bulletin of the Chemical Society of Japan, 2013, 86, 1202-1209.	3.2	3

#	Article	IF	Citations
199	A solâ€“gel auto-combustion method to prepare Cu/ZnO catalysts for low-temperature methanol synthesis. Catalysis Science and Technology, 2012, 2, 2569.	4.1	37
200	Confinement Effect of Carbon Nanotubes: Copper Nanoparticles Filled Carbon Nanotubes for Hydrogenation of Methyl Acetate. ACS Catalysis, 2012, 2, 1958-1966.	11.2	138
201	Facile synthesis of H-type zeolite shell on a silica substrate for tandem catalysis. Chemical Communications, 2012, 48, 1263-1265.	4.1	51
202	A Solidâ€State Combustion Method towards Metallic Cuâ€“ZnO Catalyst without Further Reduction and its Application to Lowâ€Temperature Methanol Synthesis. ChemCatChem, 2012, 4, 863-871.	3.7	20
203	A Capsule Catalyst with a Zeolite Membrane Prepared by Direct Liquid Membrane Crystallization. ChemSusChem, 2012, 5, 862-866.	6.8	25
204	Surface impregnation combustion method to prepare nanostructured metallic catalysts without further reduction: As-burnt Cuâ€“ZnO/SiO2 catalyst for low-temperature methanol synthesis. Catalysis Today, 2012, 185, 54-60.	4.4	20
205	De-NOx in alternative lean/rich atmospheres on La1â^'xSrxCoO3 perovskites. Energy and Environmental Science, 2011, 4, 3351.	30.8	87
206	Study on new method and mechanism of low-temperature methanol synthesis. , 2011, , .		0
207	Surface Impregnation Combustion Method to Prepare Nanostructured Metallic Catalysts without Further Reduction: As-Burnt Co/SiO₂ Catalysts for Fischerâ€“Tropsch Synthesis. ACS Catalysis, 2011, 1, 1225-1233.	11.2	52
208	Preparation of hierarchically meso-macroporous hematite Fe2O3 using PMMA as imprint template and its reaction performance for Fischerâ€“Tropsch synthesis. Catalysis Communications, 2011, 13, 44-48.	3.3	19
209	Polyethylene Glycol Addition Effect on Preparing Cuâ€“Znâ€“O Catalysts for Low-temperature Methanol Synthesis. Journal of the Japan Petroleum Institute, 2011, 54, 344-345.	0.6	2
210	Highly Efficient Alcohol Oxidation on Nanoporous VSBâ€5 Nickel Phosphate Catalyst Functionalized by NaOH Treatment. ChemCatChem, 2011, 3, 684-689.	3.7	28
211	Effect of supercritical fluid of CO2 drying during Cu/ZnO catalyst preparation on methanol synthesis from syngas at low temperature. Research on Chemical Intermediates, 2011, 37, 397-403.	2.7	6
212	Preparation, structure and performance of TS-1 zeolite-coated Auâ€“Pd/TiO2â€“SiO2 capsule catalyst for propylene epoxidation with oxygen and hydrogen. Research on Chemical Intermediates, 2011, 37, 177-184.	2.7	15
213	A new method of ethanol synthesis from dimethyl ether and syngas in a sequential dual bed reactor with the modified zeolite and Cu/ZnO catalysts. Catalysis Today, 2011, 164, 425-428.	4.4	66
214	A double-shell capsule catalyst with coreâ€“shell-like structure for one-step exactly controlled synthesis of dimethyl ether from CO2 containing syngas. Catalysis Today, 2011, 171, 229-235.	4.4	65
215	H-type zeolite coated iron-based multiple-functional catalyst for direct synthesis of middle isoparaffins from syngas. Applied Catalysis A: General, 2011, 394, 195-200.	4.3	55
216	Study on the preparation of Cu/ZnO catalyst by solâ€“gel auto-combustion method and its application for low-temperature methanol synthesis. Applied Catalysis A: General, 2011, 401, 46-55.	4.3	49

#	Article	IF	Citations
217	One-Step Preparation of Bimodal Feâ€“Mnâ€“K/SiO2 Catalyst and its Catalytic Performance of Slurry Phase Fischerâ€“Tropsch Synthesis. Catalysis Letters, 2010, 139, 7-16.	2.6	6
218	Hydroformylation of 1-Hexene on Silicalite-1 Zeolite Membrane Coated Pdâ€“Co/A.C. Catalyst. Topics in Catalysis, 2010, 53, 608-614.	2.8	17
219	Direct Synthesis of Ethanol from Dimethyl Ether and Syngas over Combined Hâ€Mordenite and Cu/ZnO Catalysts. ChemSusChem, 2010, 3, 1192-1199.	6.8	118
220	Promotional effect of La2O3 and CeO2 on Ni/Î³-Al2O3 catalysts for CO2 reforming of CH4. Applied Catalysis A: General, 2010, 385, 92-100.	4.3	147
221	Confinement Effect and Synergistic Function of H-ZSM-5/Cu-ZnO-Al₂O₃ Capsule Catalyst for One-Step Controlled Synthesis. Journal of the American Chemical Society, 2010, 132, 8129-8136.	13.7	263
222	Novel Ethanol Synthesis Method via C1 Chemicals without Any Agriculture Feedstocks. Industrial & Engineering Chemistry Research, 2010, 49, 5485-5488.	3.7	42
223	One-step synthesis of Hâ€“Î² zeolite-enwrapped Co/Al2O3 Fischerâ€“Tropsch catalyst with high spatial selectivity. Journal of Catalysis, 2009, 265, 26-34.	6.2	126
224	A New Method of Low Temperature Methanol Synthesis. Catalysis Surveys From Asia, 2009, 13, 147-163.	2.6	20
225	Mixed Alcohol Synthesis from Syngas on Kâ€“Coâ€“Mo/C Catalyst Prepared by a Solâ€“Gel Method. Topics in Catalysis, 2009, 52, 789-794.	2.8	24
226	A Novel, Low Temperature Synthesis Method of Dimethyl Ether Over Cuâ€“Zn Catalyst Based on Self-Catalysis Effect of Methanol. Topics in Catalysis, 2009, 52, 1079-1084.	2.8	3
227	Effect of H2O on Cu-based catalyst in one-step slurry phase dimethyl ether synthesis. Fuel Processing Technology, 2009, 90, 446-451.	7.2	60
228	New Synthesis Method of Ethanol from Dimethyl Ether with a Synergic Effect between the Zeolite Catalyst and Metallic Catalyst. Energy & Fuels, 2009, 23, 2843-2844.	5.1	107
229	New Method for Ethanol Synthesis from Dimethyl Ether and Syngas <i>via</i> Two-stage Reaction. Journal of the Japan Petroleum Institute, 2009, 52, 357-358.	0.6	9
230	Design of a zeolite capsule catalyst by controlling the support size for the direct synthesis of isoparaffin. Research on Chemical Intermediates, 2008, 34, 771-779.	2.7	7
231	A Core/Shell Catalyst Produces a Spatially Confined Effect and Shape Selectivity in a Consecutive Reaction. Angewandte Chemie - International Edition, 2008, 47, 353-356.	13.8	239
232	Design and Modification of Zeolite Capsule Catalyst, A Confined Reaction Field, and its Application in One-Step Isoparaffin Synthesis from Syngas. Energy & Fuels, 2008, 22, 1463-1468.	5.1	43
233	Synthesis of isoalkanes over Feâ€“Znâ€“Zr/HY composite catalyst through carbon dioxide hydrogenation. Catalysis Communications, 2007, 8, 1711-1714.	3.3	43
234	Preparation, characterization and reaction performance of H-ZSM-5/cobalt/silica capsule catalysts with different sizes for direct synthesis of isoparaffins. Applied Catalysis A: General, 2007, 329, 99-105.	4.3	78

#	Article	IF	Citations
235	TiO₂ Promoted Co/SiO₂ Catalysts for Fischer-Tropsch Synthesis. Journal of the Japan Petroleum Institute, 2006, 49, 45-46.	0.6	1
236	Spectroscopic and Kinetic Analysis of a New Low-Temperature Methanol Synthesis Reaction. Catalysis Letters, 2006, 106, 153-159.	2.6	10
237	Multiple-Functional Capsule Catalysts: A Tailor-Made Confined Reaction Environment for the Direct Synthesis of Middle Isoparaffins from Syngas. Chemistry - A European Journal, 2006, 12, 8296-8304.	3.3	121
238	Interaction Between Polymer Chains Covalently Fixed to Single-Walled Carbon Nanotubes. Macromolecular Chemistry and Physics, 2006, 207, 812-819.	2.2	13
239	Mechanistic study of a new low-temperature methanol synthesis on Cu/MgO catalysts. Applied Catalysis A: General, 2005, 288, 126-133.	4.3	50
240	Pore diffusion simulation model of bimodal catalyst for Fischer-Tropsch synthesis. AICHE Journal, 2005, 51, 2068-2076.	3.6	52
241	Preparation of alumina?silica bimodal pore catalysts for Fischer-Tropsch synthesis. Catalysis Letters, 2005, 99, 193-198.	2.6	35
242	Selective Synthesis of Middle Isoparaffins via a Two-Stage Fischerâ^'Tropsch Reaction:Â Activity Investigation for a Hybrid Catalyst. Industrial & Engineering Chemistry Research, 2005, 44, 769-775.	3.7	47
243	Designing a Capsule Catalyst and Its Application for Direct Synthesis of Middle Isoparaffins. Langmuir, 2005, 21, 1699-1702.	3.5	120
244	Development of bimodal cobalt catalysts for Fischerâ€“Tropsch synthesis. Catalysis Today, 2004, 93-95, 55-63.	4.4	53
245	A Kinetic Study on Biomass Fast Catalytic Pyrolysis. Energy & Fuels, 2004, 18, 1865-1869.	5.1	50
246	A New Preparation Method of Bimodal Catalyst Support and Its Application in Fischerâ€“Tropsch Synthesis. Topics in Catalysis, 2003, 26, 129-137.	2.8	26
247	Promotional SMSI Effect on Supported Palladium Catalysts for Methanol Synthesis. Topics in Catalysis, 2003, 22, 325-335.	2.8	40
248	Continuous Low-Temperature Methanol Synthesis from Syngas Using Alcohol Promoters. Energy & Fuels, 2003, 17, 817-821.	5.1	58
249	Bimodal Porous Silica Prepared by Pore-filling of Silica Sol. Journal of the Japan Petroleum Institute, 2003, 46, 335-338.	0.6	5
250	Chemical Effect and Spatial Effect of New Bimodal Catalysts for Fischer-Tropsch Synthesis.. Journal of Chemical Engineering of Japan, 2003, 36, 874-880.	0.6	10
251	A New Low-Temperature Synthesis Route of Methanol:â€‰ Catalytic Effect of the Alcoholic Solvent. Energy & Fuels, 2002, 16, 83-86.	5.1	40
252	The promoting effect of alcohols in a new process of low-temperature synthesis of methanol from CO/CO2/H2. Fuel, 2002, 81, 125-127.	6.4	22

#	Article	IF	Citations
253	Catalyst Development for Hydrothermal Cracking of Heavy Oil. Effects of Support and Potassium Salt Additive.. Journal of the Japan Petroleum Institute, 2002, 45, 77-83.	0.6	5
254	Continuous synthesis process of methanol at low temperature from syngas using alcohol promoters. Catalysis Communications, 2001, 2, 213-217.	3.3	45
255	Hybrid Catalyst for Direct Synthesis of Isoparaffin through Modified Fischer-Tropsch Synthesis.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 2001, 44, 338-339.	0.1	10
256	Hydroformylation of 1-Hexene over Co/SiO2 Catalysts: Influence of Pore Size of Support.. Journal of Chemical Engineering of Japan, 2001, 34, 1366-1372.	0.6	18
257	A New Method of Low-Temperature Methanol Synthesis. Journal of Catalysis, 2001, 197, 224-227.	6.2	130
258	Hydrothermal Cracking of Residual Oil.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 2000, 43, 25-36.	0.1	10
259	Effect of Addition of K to Ni/SiO2 and Ni/Al2O3 Catalysts on Hydrothermal Cracking of Bitumen.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 2000, 43, 357-360.	0.1	4
260	Product control in Fischerâ€“Tropsch synthesis. Fuel Processing Technology, 2000, 62, 173-186.	7.2	38
261	Initiation Effect of Local Heating in Hydro-Thermal Cracking of Resids. Energy & Fuels, 2000, 14, 1331-1332.	5.1	4
262	Characteristic Feature of Co/SiO2 Catalysts for Slurry Phase Fischer-Tropsch Synthesis.. Journal of Chemical Engineering of Japan, 2000, 33, 232-238.	0.6	18
263	Enhancing Effect of Local Heating by an Inside Filament on Hydrothermal Cracking of Hydrocarbon Catalyzed by Ni/Al2O3.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 2000, 43, 414-415.	0.1	0