

Jingping Hong

List of Publications by Year in descending order

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42
papers

1,208
citations

394421

19
h-index

377865

34
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42
all docs

42
docs citations

42
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of support modification and precursor decomposition method on the properties of CoPt/ZrO ₂ Fischer-Tropsch catalysts. <i>Catalysis Today</i> , 2021, 375, 1-9.	4.4	9
2	Co ₃ O ₄ Nanowire Arrays Grown on Carbon Nanotube-Based Films for Fischer-Tropsch Synthesis. <i>ACS Applied Nano Materials</i> , 2021, 4, 7811-7819.	5.0	2
3	Organic-solvent assisted synthesis of highly dispersed iron based Fischer-Tropsch catalysts with MCF support: The effect of organic-solvent. <i>Fuel</i> , 2021, , 122666.	6.4	1
4	Construction of three-dimensional nitrogen-doped graphene aerogel (NGA) supported cobalt catalysts for Fischer-Tropsch synthesis. <i>Catalysis Today</i> , 2020, 355, 10-16.	4.4	12
5	Preparation of mesoporous aluminosilicates with tunable morphologies and their effects on Fischer-Tropsch synthesis performance. <i>Journal of Porous Materials</i> , 2020, 27, 217-223.	2.6	1
6	Amino-Ended Hyperbranched Polyamide Modified SBA-15 as Support for Highly Efficient Cobalt Fischer-Tropsch Synthesis Catalyst. <i>Macromolecular Research</i> , 2020, 28, 228-233.	2.4	2
7	The effect of Mn on the performance of MCF-supported highly dispersed iron catalysts for Fischer-Tropsch synthesis. <i>Catalysis Science and Technology</i> , 2020, 10, 502-509.	4.1	15
8	Preparation of Highly Dispersed Nb ₂ O ₅ Supported Cobalt-Based Catalysts for the Fischer-Tropsch Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17315-17327.	3.7	7
9	Tuning the Metal-Support Interaction and Enhancing the Stability of Titania-Supported Cobalt Fischer-Tropsch Catalysts via Carbon Nitride Coating. <i>ACS Catalysis</i> , 2020, 10, 5554-5566.	11.2	39
10	Plasma-Assisted Preparation of CoRu/SiO ₂ Catalysts for Enhanced Fischer-Tropsch Synthesis Performance: Effect of Plasma Atmosphere. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1232-1237.	0.9	0
11	Plasma Assisted Preparation of CoPt/SiO ₂ Fischer-Tropsch Catalysts: A Comparison of the Precursor Pre-Treatment Temperatures. <i>Energy Technology</i> , 2019, 7, 224-232.	3.8	8
12	Properties of Carbon Xerogels Supported Cobalt-Based Catalysts and Their Performance in CO Hydrogenation Reaction. <i>ChemistrySelect</i> , 2019, 4, 11110-11115.	1.5	1
13	Plasma assisted carburization of CoPt/TiO ₂ catalysts with improved Fischer-Tropsch synthesis performance. <i>Fuel</i> , 2019, 254, 115577.	6.4	12
14	Plasma assisted preparation of nickel-based catalysts supported on CeO ₂ with different morphologies for hydrogen production by glycerol steam reforming. <i>Powder Technology</i> , 2019, 354, 324-332.	4.2	21
15	Evolution of cobalt species in glow discharge plasma prepared CoRu/SiO ₂ catalysts with enhanced Fischer-Tropsch synthesis performance. <i>Journal of Catalysis</i> , 2019, 374, 246-256.	6.2	14
16	Preparation of stable and highly active Ni/CeO ₂ catalysts by glow discharge plasma technique for glycerol steam reforming. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 257-265.	20.2	80
17	Products selectivity and reaction stability of cobalt-based Fischer-Tropsch catalysts affected by glow discharge plasma treatment and silica structure. <i>Catalysis Today</i> , 2019, 337, 139-146.	4.4	9
18	Effect of Ni Content of Ni ₃ Al ₂ O ₃ Catalysts Prepared by the Atomic Layer Deposition Method on CO ₂ Reforming of Methane. <i>Energy Technology</i> , 2019, 7, 1800359.	3.8	14

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19	Effect of TiO ₂ Surface Engineering on the Performance of Cobalt-Based Catalysts for Fischer-Tropsch Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 1095-1104.	3.7	10
20	Hydrothermal Carbon-Coated TiO ₂ as Support for Co-Based Catalyst in Fischer-Tropsch Synthesis. <i>ACS Catalysis</i> , 2018, 8, 1591-1600.	11.2	74
21	Plasma-Assisted Preparation of Highly Dispersed Cobalt Catalysts for Enhanced Fischer-Tropsch Synthesis Performance. <i>ACS Catalysis</i> , 2018, 8, 6177-6185.	11.2	60
22	Fischer-Tropsch Synthesis Bifunctional Catalysts: Cobalt Supported on 3D Mesoporous Cellular Silica Foams Assembled by Using ZSM-5 Seeds. <i>ChemCatChem</i> , 2017, 9, 3895-3903.	3.7	8
23	The effect of the nanofibrous Al ₂ O ₃ aspect ratio on Fischer-Tropsch synthesis over cobalt catalysts. <i>Nanoscale</i> , 2017, 9, 570-581.	5.6	25
24	Synthesis of γ -Al ₂ O ₃ nanofibers stabilized Co ₃ O ₄ nanoparticles as highly active and stable Fischer-Tropsch synthesis catalysts. <i>Fuel</i> , 2016, 180, 777-784.	6.4	43
25	Promotion effects of plasma treatment on silica supports and catalyst precursors for cobalt Fischer-Tropsch catalysts. <i>RSC Advances</i> , 2016, 6, 57701-57708.	3.6	18
26	Fischer-Tropsch synthesis over a 3D foamed MCF silica support: Toward a more open porous network of cobalt catalysts. <i>Journal of Catalysis</i> , 2016, 340, 205-218.	6.2	55
27	Speciation of Ruthenium as a Reduction Promoter of Silica-Supported Co Catalysts: A Time-Resolved In Situ XAS Investigation. <i>ACS Catalysis</i> , 2015, 5, 1273-1282.	11.2	76
28	ZSM-5 seed-grafted SBA-15 as a high performance support for cobalt Fischer-Tropsch synthesis catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 4985-4990.	4.1	16
29	Design of efficient Fischer Tropsch cobalt catalysts via plasma enhancement: Reducibility and performance (Review). <i>Catalysis Today</i> , 2015, 256, 41-48.	4.4	55
30	Catalytic performance of Co/Zn-Al ₂ O ₃ Fischer-Tropsch catalysts: a comparative study of zinc introduction methodologies. <i>RSC Advances</i> , 2015, 5, 60534-60540.	3.6	15
31	Improved low-temperature activity of La-Sr-Co-O nano-composite for CO oxidation by phase cooperation. <i>RSC Advances</i> , 2014, 4, 61476-61481.	3.6	9
32	Ru catalysts supported on Al-SBA-15 with high aluminum content and their bifunctional catalytic performance in Fischer-Tropsch synthesis. <i>Catalysis Science and Technology</i> , 2014, 4, 1005.	4.1	19
33	Effect of Different Reaction Conditions on the Deactivation of Alumina-Supported Cobalt Fischer-Tropsch Catalysts in a Milli-Fixed-Bed Reactor: Experiments and Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 6913-6922.	3.7	42
34	Oxidative Degradation of Organic Dyes Over Supported Perovskite Oxide LaFeO ₃ /SBA-15 Under Ambient Conditions. <i>Catalysis Letters</i> , 2013, 143, 887-894.	2.6	47
35	Effects of Ru nanoparticle sizes confined in cavities of SBA-16 on the catalytic performance of Fischer-Tropsch synthesis reaction. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 673-679.	1.8	12
36	A Time-Resolved In Situ Quick-XAS Investigation of Thermal Activation of Fischer-Tropsch Silica-Supported Cobalt Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 2802-2805.	3.3	24

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37	Impact of sorbitol addition on the structure and performance of silica-supported cobalt catalysts for Fischer-Tropsch synthesis. <i>Catalysis Today</i> , 2011, 175, 528-533.	4.4	39
38	Plasma-assisted design of supported cobalt catalysts for Fischer-Tropsch synthesis. <i>Studies in Surface Science and Catalysis</i> , 2010, , 253-257.	1.5	8
39	Cobalt species and cobalt-support interaction in glow discharge plasma-assisted Fischer-Tropsch catalysts. <i>Journal of Catalysis</i> , 2010, 273, 9-17.	6.2	103
40	Effects of zirconia promotion on the structure and performance of smaller and larger pore silica-supported cobalt catalysts for Fischer-Tropsch synthesis. <i>Applied Catalysis A: General</i> , 2010, 382, 28-35.	4.3	36
41	In situ XRD investigation of the evolution of alumina-supported cobalt catalysts under realistic conditions of Fischer-Tropsch synthesis. <i>Chemical Communications</i> , 2010, 46, 788-790.	4.1	110
42	Effect of promotion with ruthenium on the structure and catalytic performance of mesoporous silica (smaller and larger pore) supported cobalt Fischer-Tropsch catalysts. <i>Catalysis Today</i> , 2009, 140, 135-141.	4.4	57