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 g-index
42 all docs	42 docs citations	42 times ranked	1416 citing authors

#	Article	IF	Citations
1	In situXRD investigation of the evolution of alumina-supported cobaltcatalysts under realistic conditions of Fischer-Tropsch synthesis. Chemical Communications, 2010, 46, 788-790.	4.1	110
2	Cobalt species and cobalt-support interaction in glow discharge plasma-assisted Fischerâ€“Tropsch catalysts. Journal of Catalysis, 2010, 273, 9-17.	6.2	103
3	Preparation of stable and highly active Ni/CeO2 catalysts by glow discharge plasma technique for glycerol steam reforming. Applied Catalysis B: Environmental, 2019, 249, 257-265.	20.2	80
4	Speciation of Ruthenium as a Reduction Promoter of Silica-Supported Co Catalysts: A Time-Resolved in Situ XAS Investigation. ACS Catalysis, 2015, 5, 1273-1282.	11.2	76
5	Hydrothermal Carbon-Coated TiO₂ as Support for Co-Based Catalyst in Fischerâ€“Tropsch Synthesis. ACS Catalysis, 2018, 8, 1591-1600.	11.2	74
6	Plasma-Assisted Preparation of Highly Dispersed Cobalt Catalysts for Enhanced Fischerâ€“Tropsch Synthesis Performance. ACS Catalysis, 2018, 8, 6177-6185.	11.2	60
7	Effect of promotion with ruthenium on the structure and catalytic performance of mesoporous silica (smaller and larger pore) supported cobalt Fischerâ€“Tropsch catalysts. Catalysis Today, 2009, 140, 135-141.	4.4	57
8	Design of efficient Fischer Tropsch cobalt catalysts via plasma enhancement: Reducibility and performance (Review). Catalysis Today, 2015, 256, 41-48.	4.4	55
9	Fischerâ€“Tropsch synthesis over a 3D foamed MCF silica support: Toward a more open porous network of cobalt catalysts. Journal of Catalysis, 2016, 340, 205-218.	6.2	55
10	Oxidative Degradation of Organic Dyes Over Supported Perovskite Oxide LaFeO3/SBA-15 Under Ambient Conditions. Catalysis Letters, 2013, 143, 887-894.	2.6	47
11	Synthesis of Î³-Al2O3 nanofibers stabilized Co3O4 nanoparticles as highly active and stable Fischerâ€“Tropsch synthesis catalysts. Fuel, 2016, 180, 777-784.	6.4	43
12	Effect of Different Reaction Conditions on the Deactivation of Alumina-Supported Cobalt Fischerâ€“Tropsch Catalysts in a Milli-Fixed-Bed Reactor: Experiments and Modeling. Industrial & Engineering Chemistry Research, 2014, 53, 6913-6922.	3.7	42
13	Impact of sorbitol addition on the structure and performance of silica-supported cobalt catalysts for Fischerâ€“Tropsch synthesis. Catalysis Today, 2011, 175, 528-533.	4.4	39
14	Tuning the Metalâ€“Support Interaction and Enhancing the Stability of Titania-Supported Cobalt Fischerâ€“Tropsch Catalysts via Carbon Nitride Coating. ACS Catalysis, 2020, 10, 5554-5566.	11.2	39
15	Effects of zirconia promotion on the structure and performance of smaller and larger pore silica-supported cobalt catalysts for Fischerâ€“Tropsch synthesis. Applied Catalysis A: General, 2010, 382, 28-35.	4.3	36
16	The effect of the nanofibrous Al₂O₃aspect ratio on Fischerâ€“Tropsch synthesis over cobalt catalysts. Nanoscale, 2017, 9, 570-581.	5.6	25
17	A Timeâ€Resolved In Situ Quickâ€XAS Investigation of Thermal Activation of Fischerâ€“Tropsch Silicaâ€Supported Cobalt Catalysts. Chemistry - A European Journal, 2012, 18, 2802-2805.	3.3	24
18	Plasma assisted preparation of nickel-based catalysts supported on CeO2 with different morphologies for hydrogen production by glycerol steam reforming. Powder Technology, 2019, 354, 324-332.	4.2	21

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19	Ru catalysts supported on Alâ€“SBA-15 with high aluminum content and their bifunctional catalytic performance in Fischerâ€“Tropsch synthesis. Catalysis Science and Technology, 2014, 4, 1005.	4.1	19
20	Promotion effects of plasma treatment on silica supports and catalyst precursors for cobalt Fischerâ€“Tropsch catalysts. RSC Advances, 2016, 6, 57701-57708.	3.6	18
21	ZSM-5 seed-grafted SBA-15 as a high performance support for cobalt Fischerâ€“Tropsch synthesis catalysts. Catalysis Science and Technology, 2015, 5, 4985-4990.	4.1	16
22	Catalytic performance of Co/Znâ€“Al2O3 Fischerâ€“Tropsch catalysts: a comparative study of zinc introduction methodologies. RSC Advances, 2015, 5, 60534-60540.	3.6	15
23	The effect of Mn on the performance of MCF-supported highly dispersed iron catalysts for Fischerâ€“Tropsch synthesis. Catalysis Science and Technology, 2020, 10, 502-509.	4.1	15
24	Evolution of cobalt species in glow discharge plasma prepared CoRu/SiO2 catalysts with enhanced Fischer-Tropsch synthesis performance. Journal of Catalysis, 2019, 374, 246-256.	6.2	14
25	Effect of Ni Content of Ni/Î³â€Al₂O₃ Catalysts Prepared by the Atomic Layer Deposition Method on CO₂ Reforming of Methane. Energy Technology, 2019, 7, 1800359.	3.8	14
26	Effects of Ru nanoparticle sizes confined in cavities of SBA-16 on the catalytic performance of Fischer-Tropsch synthesis reaction. Journal of Natural Gas Chemistry, 2012, 21, 673-679.	1.8	12
27	Plasma assisted carburization of CoPt/TiO2 catalysts with improved Fischer-Tropsch synthesis performance. Fuel, 2019, 254, 115577.	6.4	12
28	Construction of three-dimensional nitrogen-doped graphene aerogel (NGA) supported cobalt catalysts for Fischer-Tropsch synthesis. Catalysis Today, 2020, 355, 10-16.	4.4	12
29	Effect of TiO₂ Surface Engineering on the Performance of Cobalt-Based Catalysts for Fischerâ€“Tropsch Synthesis. Industrial & Engineering Chemistry Research, 2019, 58, 1095-1104.	3.7	10
30	Improved low-temperature activity of Laâ€“Srâ€“Coâ€“O nano-composite for CO oxidation by phase cooperation. RSC Advances, 2014, 4, 61476-61481.	3.6	9
31	Products selectivity and reaction stability of cobalt-based Fischer-Tropsch catalysts affected by glow discharge plasma treatment and silica structure. Catalysis Today, 2019, 337, 139-146.	4.4	9
32	Effect of support modification and precursor decomposition method on the properties of CoPt/ZrO2 Fischerâ€“Tropsch catalysts. Catalysis Today, 2021, 375, 1-9.	4.4	9
33	Plasma-assisted design of supported cobalt catalysts for Fischer-Tropsch synthesis. Studies in Surface Science and Catalysis, 2010, , 253-257.	1.5	8
34	Fischerâ€“Tropsch Synthesis Bifunctional Catalysts: Cobalt Supported on 3D Mesoporous Cellular Silica Foams Assembled by Using ZSMâ€5 Seeds. ChemCatChem, 2017, 9, 3895-3903.	3.7	8
35	Plasma Assisted Preparation of CoPt/SiO₂ Fischerâ€Tropsch Catalysts: A Comparison of the Precursor Preâ€Thermal Treated Temperatures. Energy Technology, 2019, 7, 224-232.	3.8	8
36	Preparation of Highly Dispersed Nb₂O₅ Supported Cobalt-Based Catalysts for the Fischerâ€“Tropsch Synthesis. Industrial & Engineering Chemistry Research, 2020, 59, 17315-17327.	3.7	7

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37	Amino-Ended Hyperbranched Polyamide Modified SBA-15 as Support for Highly Efficient Cobalt Fischer-Tropsch Synthesis Catalyst. Macromolecular Research, 2020, 28, 228-233.	2.4	2
38	Co₃O₄ Nanowire Arrays Grown on Carbon Nanotube-Based Films for Fischerâ€“Tropsch Synthesis. ACS Applied Nano Materials, 2021, 4, 7811-7819.	5.0	2
39	Properties of Carbon Xerogels Supported Cobaltâ€Based Catalysts and Their Performance in CO Hydrogenation Reaction. ChemistrySelect, 2019, 4, 11110-11115.	1.5	1
40	Preparation of mesoporous aluminosilicates with tunable morphologies and their effects on Fischerâ€“Tropsch synthesis performance. Journal of Porous Materials, 2020, 27, 217-223.	2.6	1
41	Organic-solvent assisted synthesis of highly dispersed iron based Fischer-Tropsch catalysts with MCF support: The effect of organic-solvent. Fuel, 2021, , 122666.	6.4	1
42	Plasma-Assisted Preparation of CoRu/SiO2 Catalysts for Enhanced Fischer-Tropsch Synthesis Performance: Effect of Plasma Atmosphere. Journal of Nanoscience and Nanotechnology, 2020, 20, 1232-1237.	0.9	0