Dimitris Ipsakis

List of Publications by Year
in descending order

24 papers	860 citations	567281 15 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	937 citing authors

#	Article	IF	Citations
1	Role of water-gas-shift reaction in Fischerâ€“Tropsch synthesis on iron catalysts: A review. Catalysis Today, 2016, 275, 66-75.	4.4	104
2	NiO supported on Al 2 O 3 and ZrO 2 oxygen carriers for chemical looping steam methane reforming. International Journal of Hydrogen Energy, 2015, 40, 7490-7501.	7.1	92
3	Supported iron catalysts for slurry phase Fischerâ€“Tropsch synthesis. Applied Catalysis A: General, 2002, 231, 201-214.	4.3	90
4	Fischerâ€“Tropsch synthesis product selectivity over an industrial iron-based catalyst: Effect of process conditions. Catalysis Today, 2016, 261, 28-39.	4.4	81
5	Pretreatment effect studies with a precipitated iron Fischerâ€“Tropsch catalyst in a slurry reactor. Applied Catalysis A: General, 1999, 186, 255-275.	4.3	67
6	Effect of CO Conversion on the Product Distribution of a Co/Al2O3 Fischerâ€“Tropsch Synthesis Catalyst Using a Fixed Bed Reactor. Catalysis Letters, 2012, 142, 1382-1387.	2.6	53
7	Effects of Catalyst Activity, Particle Size and Shape, and Process Conditions on Catalyst Effectiveness and Methane Selectivity for Fischerâ€“Tropsch Reaction: A Modeling Study. Industrial & Engineering Chemistry Research, 2017, 56, 2733-2745.	3.7	52
8	Quantitative comparison of iron and cobalt based catalysts for the Fischer-Tropsch synthesis under clean and poisoning conditions. Catalysis Today, 2020, 343, 125-136.	4.4	35
9	Reduction and oxidation kinetic modeling of NiO-based oxygen transfer materials. Chemical Engineering Journal, 2017, 308, 840-852.	12.7	34
10	Activation studies with an iron fischerâ€tropsch catalyst in fixed bed and stirred tank slurry reactors. Canadian Journal of Chemical Engineering, 1996, 74, 399-404.	1.7	27
11	Study on catalytic performance and attrition strength of the Ruhrchemie catalyst for the Fischer?Tropsch synthesis in a stirred tank slurry reactor. Applied Catalysis A: General, 2004, 268, 99-106.	4.3	26
12	Attrition properties of precipitated iron Fischerâ€“Tropsch catalysts. Applied Catalysis A: General, 2004, 266, 41-48.	4.3	24
13	Development of NiO-Based Oxygen Carrier Materials: Effect of Support on Redox Behavior and Carbon Deposition in Methane. Energy & Fuels, 2016, 30, 8597-8612.	5.1	24
14	Fischerâ€“Tropsch synthesis on Co/ZnO â€“ Two step activation procedure for improved performance. Applied Catalysis A: General, 2014, 480, 79-85.	4.3	17
15	Attrition studies with precipitated iron Fischerâ€“Tropsch catalysts under reaction conditions. Topics in Catalysis, 2005, 32, 135-141.	2.8	16
16	Hydrocarbon selectivity models for iron-based Fischerâ€“Tropsch catalyst. Chemical Engineering Research and Design, 2015, 95, 1-11.	5.6	16
17	Reaction-based kinetic model for the reduction of supported NiO oxygen transfer materials by CH4. Catalysis Today, 2020, 343, 72-79.	4.4	16
18	Effects of process and design parameters on heat management in fixed bed Fischer-Tropsch synthesis reactor. Korean Journal of Chemical Engineering, 2018, 35, 875-889.	2.7	15

#	Article	IF	Citations
19	Attrition studies with catalysts and supports for slurry phase Fischerâ€“Tropsch synthesis. Catalysis Today, 2005, 106, 275-281.	4.4	14
20	Catalytic performance and attrition strength of spray-dried iron catalysts for slurry phase Fischerâ€“Tropsch synthesis. Applied Catalysis A: General, 2010, 388, 240-247.	4.3	13
21	Fischerâ€“Tropsch Synthesis on Co/Al2O3 Catalyst: Effect of Pretreatment Procedure. Topics in Catalysis, 2014, 57, 470-478.	2.8	13
22	Pore diffusion effects on catalyst effectiveness and selectivity of cobalt based Fischer-Tropsch catalyst. Catalysis Today, 2020, 343, 146-155.	4.4	12
23	Fischerâ€“Tropsch synthesis on Co/ZnO catalystâ€”Effect of pretreatment procedure. Applied Catalysis A: General, 2011, 404, 74-74.	4.3	11
24	Optimization of forced periodic operations in milli-scale fixed bed reactor for Fischer-Tropsch synthesis. Catalysis Today, 2020, 343, 156-164.	4.4	8