Ki-Hyouk Choi

List of Publications by Year
in descending order

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26	1,027	430874	552781
papers	citations	18 h-index	26 g-index

26	26	26	864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nano BEA zeolite catalysts for the selective catalytic cracking of n-dodecane to light olefins. RSC Advances, 2021, 11, 7904-7912.	3.6	10
2	Steam cracking of green diesel (C12) to BTX and olefins over silane-treated hierarchical BEA. Fuel, 2020, 263, 116624.	6.4	16
3	Hydrothermal Stabilization of Rich Alâ€“BEA Zeolite by Post-Synthesis Addition of Zr for Steam Catalytic Cracking of n-Dodecane. Energy & Fuels, 2018, 32, 5501-5508.	5.1	7
4	Steam catalytic cracking of heavy naphtha (C12) to high octane naphtha over B-MFI zeolite. Applied Catalysis B: Environmental, 2017, 210, 432-443.	20.2	31
5	Steam Catalytic Cracking of n-Dodecane over Ni and Ni/Co Bimetallic Catalyst Supported on Hierarchical BEA Zeolite. Energy & Fuels, 2017, 31, 5482-5490.	5.1	31
6	Hydrothermal Stability of One-Dimensional Pore ZSM-22 Zeolite in Hot Water. Journal of Physical Chemistry C, 2016, 120, 22918-22926.	3.1	23
7	Hydrothermal stability of MTT zeolite in hot water: The role of La andÂCe. Microporous and Mesoporous Materials, 2016, 233, 93-101.	4.4	18
8	Analysis and removal of heteroatom containing species in coal liquid distillate over NiMo catalysts. Fuel, 2005, 84, 135-142.	6.4	28
9	Performance of spent sulfide catalysts in hydrodesulfurization of straight run and nitrogen-removed gas oils. Applied Catalysis A: General, 2005, 280, 133-139.	4.3	15
10	Contrast activities of four alumina and aluminaâ€“silica-supported nickelâ€“molybdenum sulfide catalysts for deep desulfurization of gas oils. Applied Catalysis A: General, 2005, 279, 235-239.	4.3	22
11	Impact of removal extent of nitrogen species in gas oil on its HDS performance: an efficient approach to its ultra deep desulfurization. Applied Catalysis B: Environmental, 2004, 50, 9-16.	20.2	54
12	Adsorptive removal of sulfur and nitrogen species from a straight run gas oil over activated carbons for its deep hydrodesulfurization. Applied Catalysis B: Environmental, 2004, 49, 219-225.	20.2	161
13	An approach to the deep hydrodesulfurization of light cycle oil. Applied Catalysis B: Environmental, 2004, 53, 275-283.	20.2	32
14	Effects of nitrogen and refractory sulfur species removal on the deep HDS of gas oil. Applied Catalysis B: Environmental, 2004, 53, 169-174.	20.2	40
15	Effective supports to moderate H2S inhibition on cobalt and nickel molybdenum sulfide catalysts in deep desulfurization of gas oil. Applied Catalysis A: General, 2004, 260, 185-190.	4.3	24
16	Preparation and characterization of nano-sized CoMo/Al2O3 catalyst for hydrodesulfurization. Applied Catalysis A: General, 2004, 260, 229-236.	4.3	29
17	Novel zeolite based support for NiMo sulfide in deep HDS of gas oil. Applied Catalysis A: General, 2004, 269, 43-51.	4.3	52
18	Optimum coating of USY as a support component of NiMoS on alumina for deep HDS of gas oil. Applied Catalysis A: General, 2004, 276, 51-59.	4.3	34

#	Article	IF	Citations
19	Optimization of silica content in aluminaâ€“silica support for NiMo sulfide to achieve deep desulfurization of gas oil. Applied Catalysis A: General, 2004, 273, 287-294.	4.3	18
20	Selection and Further Activation of Activated Carbons for Removal of Nitrogen Species in Gas Oil as a Pretreatment for Its Deep Hydrodesulfurization. Energy & Fuels, 2004, 18, 644-651.	5.1	69
21	An Overview of Hydrodesulfurization and Hydrodenitrogenation. Journal of the Japan Petroleum Institute, 2004, 47, 145-163.	0.6	132
22	Facile ultra-deep desulfurization of gas oil through two-stage or -layer catalyst bed. Catalysis Today, 2003, 86, 277-286.	4.4	58
23	Influences of nitrogen species on the hydrodesulfurization reactivity of a gas oil over sulfide catalysts of variable activity. Applied Catalysis A: General, 2003, 252, 331-346.	4.3	88
24	Hydrodesulfurization of 4,6-DMDBT in the High Boiling Fraction of Gas Oil. Chemistry Letters, 2003, 32, 434-435.	1.3	7
25	Properties of adsorbed oxygen on Au/SiO2. Catalysis Today, 1998, 44, 205-213.	4.4	26
26	A New Design of Temperature Programmer for Desorption Study. Instrumentation Science and Technology, 1994, 22, 73-82.	1.8	2