

Kirtika Kohli

List of Publications by Year in descending order

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19
papers

710
citations

932766

10
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-Based Chemicals from Renewable Biomass for Integrated Biorefineries. <i>Energies</i> , 2019, 12, 233.	1.6	236
2	Plastic Solid Waste (PSW) in the Context of Life Cycle Assessment (LCA) and Sustainable Management. <i>Environmental Management</i> , 2019, 64, 230-244.	1.2	131
3	Effective delignification of lignocellulosic biomass by microwave assisted deep eutectic solvents. <i>Bioresource Technology</i> , 2020, 303, 122897.	4.8	98
4	Deactivation of hydrotreating catalyst by metals in resin and asphaltene parts of heavy oil and residues. <i>Fuel</i> , 2016, 175, 264-273.	3.4	66
5	Slurry phase hydrocracking of heavy oil and residue to produce lighter fuels: An experimental review. <i>Fuel</i> , 2021, 288, 119686.	3.4	52
6	Coking propensity during hydroprocessing of vacuum residues, deasphalted oils, and asphaltenes. <i>Fuel</i> , 2017, 203, 514-521.	3.4	26
7	Potential Chemicals from Plastic Wastes. <i>Molecules</i> , 2021, 26, 3175.	1.7	24
8	Hydrocracking of heavy crude/residues with waste plastic. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 179-187.	2.6	15
9	Accelerated pre-coking of NiMo/ γ -Al ₂ O ₃ catalyst: Effect on the hydroprocessing activity of vacuum residue. <i>Fuel</i> , 2019, 235, 437-447.	3.4	15
10	Slurry-Phase Hydrocracking of Residue with Ultradispersed MoS ₂ Catalysts Prepared by Microemulsion Methods. <i>Energy & Fuels</i> , 2017, 31, 3905-3912.	2.5	13
11	Effect of Silica, Activated Carbon, and Alumina Supports on NiMo Catalysts for Residue Upgrading. <i>Energies</i> , 2020, 13, 4967.	1.6	11
12	Role of catalyst defect sites towards product selectivity in the upgrading of vacuum residue. <i>Fuel</i> , 2022, 314, 123062.	3.4	11
13	Ultrafine reverse micelle catalysts for slurry-phase residue hydrocracking. <i>Catalysis Today</i> , 2020, 358, 228-236.	2.2	5
14	Colloidal stability tests on vacuum residue hydrocracked products obtained at increasing severity. <i>International Journal of Oil, Gas and Coal Technology</i> , 2019, 21, 76.	0.1	3
15	Mesoporous Alumina Supported NiMo Catalysts for Residue Conversion. <i>Procedia Earth and Planetary Science</i> , 2015, 11, 325-331.	0.6	2
16	Effect of Super Acid and Heteropolyacid on Residue Hydroprocessing. <i>Procedia Earth and Planetary Science</i> , 2015, 11, 332-336.	0.6	1
17	Slurry Phase Hydrocracking of Residue by Phosphomolybdic and Phosphotungstic Acids. <i>Journal of Petroleum & Environmental Biotechnology</i> , 2016, 7, .	0.3	1
18	Evaluation of Residue Hydrotreating Catalysts Supported on Mesoporous Aluminas. <i>Current Catalysis</i> , 2017, 6, .	0.5	0

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19	Colloidal stability tests on vacuum residue hydrocracked products obtained at increasing severity. International Journal of Oil, Gas and Coal Technology, 2019, 21, 76.	0.1	0