Carolina Montero

List of Publications by Year
in descending order

13 papers	814 citations	1039406 9 h-index	1125271 13 g-index
14 all docs	14 docs citations	14 times ranked	772 citing authors

#	Article	IF	Citations
1	Barras energÃ©ticas de sacha inchi: optimizaciÃ³n de la formulaciÃ³n mediante diseÃ±o estadÃstico de mezclas. Enfoque, 2022, 13, 58-72.	0.3	2
2	Catalytic Cracking of Heavy Crude Oil over Iron-Based Catalyst Obtained from Galvanic Industry Wastes. Catalysts, 2020, 10, 736.	1.6	5
3	Study of the Effects of the Addition of Fly Ash from Carwash Sludge in Lime and Cement Pastes. Sustainability, 2020, 12, 6451.	1.6	4
4	Waste to Catalyst: Synthesis of Catalysts from Sewage Sludge of the Mining, Steel, and Petroleum Industries. Sustainability, 2020, 12, 9849.	1.6	5
5	Origin and Nature of Coke in Ethanol Steam Reforming and Its Role in Deactivation of Ni/La₂O₃â€“Î±Al₂O₃ Catalyst. Industrial & Engineering Chemistry Research, 2019, 58, 14736-14751.	1.8	70
6	Kinetic model considering catalyst deactivation for the steam reforming of bio-oil over Ni/La2O3-Î±Al2O3. Chemical Engineering Journal, 2018, 332, 192-204.	6.6	36
7	Optimum operating conditions in ethanol steam reforming over a Ni/La2O3-Î±Al2O3 catalyst in a fluidized bed reactor. Fuel Processing Technology, 2018, 169, 207-216.	3.7	58
8	Reproducible performance of a Ni/La2O3â€“Î±Al2O3 catalyst in ethanol steam reforming under reactionâ€“regeneration cycles. Fuel Processing Technology, 2016, 152, 215-222.	3.7	36
9	Monitoring Ni 0 and coke evolution during the deactivation of a Ni/La 2 O 3 â€“Î±Al 2 O 3 catalyst in ethanol steam reforming in a fluidized bed. Journal of Catalysis, 2015, 331, 181-192.	3.1	208
10	Thermodynamic comparison between bio-oil and ethanol steam reforming. International Journal of Hydrogen Energy, 2015, 40, 15963-15971.	3.8	52
11	Comparison of Ni and Co Catalysts for Ethanol Steam Reforming in a Fluidized Bed Reactor. Catalysis Letters, 2014, 144, 1134-1143.	1.4	29
12	Coke deactivation of Ni and Co catalysts in ethanol steam reforming at mild temperatures in a fluidized bed reactor. International Journal of Hydrogen Energy, 2014, 39, 12586-12596.	3.8	175
13	Reaction pathway for ethanol steam reforming on a Ni/SiO 2 catalyst including coke formation. International Journal of Hydrogen Energy, 2014, 39, 18820-18834.	3.8	131