JosÃ© Antonio De Los Reyes Heredia

List of Publications by Year
in descending order

26 papers	640 citations	586496 16 h-index	651938 25 g-index
26 all docs	26 docs citations	26 times ranked	796 citing authors

#	Article	IF	Citations
1	Co-processing of hydrodeoxygenation and hydrodesulfurization of phenol and dibenzothiophene with NiMo/Al₂O₃â€“ZrO₂ and NiMo/TiO₂â€“ZrO₂ catalysts. International Journal of Chemical Reactor Engineering, 2022, 20, 47-60.	0.6	4
2	Anisole Hydrodeoxygenation: A Comparative Study of Ni/TiO2-ZrO2 and Commercial TiO2 Supported Ni and NiRu Catalysts. Topics in Catalysis, 2022, 65, 1448-1461.	1.3	8
3	Effect of the Structural and Electronic Properties of Rh/CeXZr1-XO2 Catalysts on the Low-temperature Ethanol Steam-reforming. Journal of the Mexican Chemical Society, 2021, 65, .	0.2	0
4	Fundamental Study of Catalytic Functionalities Involved in Effective Câ€“O Cleavage over Ru-Supported Catalysts. Industrial & Engineering Chemistry Research, 2021, 60, 18880-18890.	1.8	5
5	Alternative Preparation of Improved NiMo-Alumina Deoxygenation Catalysts. Frontiers in Chemistry, 2020, 8, 216.	1.8	4
6	Effect of Metal Loading in Unpromoted and Promoted CoMo/Al2O3â€“TiO2 Catalysts for the Hydrodeoxygenation of Phenol. Catalysts, 2019, 9, 550.	1.6	10
7	Development of Bifunctional Hydrodeoxygenation Catalyst Rhâ€HY for the Generation of Biomassâ€Derived Highâ€Energyâ€Density Fuels. Energy Technology, 2019, 7, 1801112.	1.8	8
8	Solvent effect over the promoter addition for a supported NiWS hydrotreating catalyst. Applied Catalysis B: Environmental, 2017, 201, 331-338.	10.8	24
9	Hydrodeoxygenation of Phenol Over Sulfided CoMo Catalysts Supported on a Mixed Al₂O₃-TiO₂ Oxide. International Journal of Chemical Reactor Engineering, 2016, 14, 1211-1223.	0.6	20
10	Dibenzothiophene hydrodesulfurization over PdPt/Al2O3â€“TiO2. Influence of Ti-addition on hydrogenating properties. Materials Chemistry and Physics, 2016, 171, 185-194.	2.0	23
11	Hydrodesulfurization of Dibenzothiophene in a Micro Trickle Bed Catalytic Reactor under Operating Conditions from Reactive Distillation. International Journal of Chemical Reactor Engineering, 2016, 14, 769-783.	0.6	8
12	Deep Hydrodesulfurization of Dibenzothiophenes Over NiW Sulfide Catalysts Supported on Solâ€“Gel Titaniaâ€“Alumina. Topics in Catalysis, 2016, 59, 241-251.	1.3	18
13	Effects of pH and chelating agent on the NiWS phase formation in NiW/Î³-Al2O3 HDS catalysts. Materials Chemistry and Physics, 2015, 166, 105-115.	2.0	33
14	Desorption of Furfural from Bimetallic Pt-Fe Oxides/Alumina Catalysts. Materials, 2014, 7, 527-541.	1.3	21
15	Highly active sulfided CoMo catalysts supported on (ZrO2â€“TiO2)/Al2O3 ternary oxides. Materials Chemistry and Physics, 2013, 143, 213-222.	2.0	7
16	4,6-Dimethyl-dibenzothiophene conversion over Al2O3â€“TiO2-supported noble metal catalysts. Materials Chemistry and Physics, 2011, 126, 237-247.	2.0	26
17	Ni and W interactions in the oxide and sulfide states on an Al2O3â€“TiO2 support and their effects on dibenzothiophene hydrodesulfurization. Catalysis Today, 2011, 172, 203-208.	2.2	31
18	Hydrodesulfurization of 4,6-dimethyldibenzothiophene over Co(Ni)MoS2 catalysts supported on alumina: Effect of gallium as an additive. Catalysis Today, 2008, 133-135, 292-298.	2.2	31

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19	Solvent Effect in Homogeneous and Heterogeneous Reactions To Remove Dibenzothiophene by an Oxidationâ^'Extraction Scheme. Industrial & Engineering Chemistry Research, 2008, 47, 5353-5361.	1.8	23
20	Preparation, Characterization, and Performance of Alumina-Supported Nanostructured Moâ^'Phosphide Systems. Chemistry of Materials, 2007, 19, 5627-5636.	3.2	36
21	Ruthenium sulfide supported on alumina as hydrotreating catalyst. Applied Catalysis A: General, 2007, 322, 106-112.	2.2	31
22	Effect of Synthesis Parameters on Sol?Gel Silica Modified by Zirconia. Journal of Sol-Gel Science and Technology, 2005, 33, 133-138.	1.1	15
23	Nickel on TiO2-modified Al2O3 solâ€“gel oxides. Applied Catalysis A: General, 2003, 253, 151-163.	2.2	60
24	Inhibition effects of nitrogen compounds on the hydrodesulfurization of dibenzothiophene. Applied Catalysis A: General, 2001, 207, 103-112.	2.2	124
25	Use of CO as probe molecule for characterization of mixed Ru-Ni sulphide phases supported over alumina. Catalysis Letters, 1992, 13, 213-219.	1.4	19
26	Preparation and characterization of highly active ruthenium sulphide supported catalysts. Catalysis Letters, 1990, 5, 17-24.	1.4	51