Carolina Leyva

List of Publications by Year
in descending order

19	477	840776 11	752698 20
papers	citations	h-index	g-index

23	23	23	508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional metal-organic frameworks for metal removal from aqueous solutions. Separation and Purification Reviews, 2022, 51, 78-99.	5.5	21
2	Application of hybrid MOF composite in extraction of f-block elements: Experimental and computational investigation. Chemosphere, 2022, 287, 132232.	8.2	12
3	Magnetic MOF-808 as a novel adsorbent for toxic metal removal from aqueous solutions. Environmental Science Advances, 2022, 1, 182-191.	2.7	11
4	Zirconium-organic framework as a novel adsorbent for arsenate remediation from aqueous solutions. Journal of Molecular Liquids, 2022, 356, 118957.	4.9	15
5	Lanthanides adsorption on metal-organic framework: Experimental insight and spectroscopic evidence. Separation and Purification Technology, 2022, 298, 121606.	7.9	4
6	Fabrication of magnetic cerium-organic framework-activated carbon composite for charged dye removal from aqueous solutions. Journal of Molecular Liquids, 2021, 337, 116578.	4.9	33
7	Effect of silicon content on active catalytic phase for hydrocracking of heavy crude oils. Petroleum Science and Technology, 2020, 38, 91-97.	1.5	2
8	Hydrodesulfurization of dibenzothiophene using NiMoWS catalysts supported on Alâ€“Mg and Tiâ€“Mg mixed oxides. International Journal of Chemical Reactor Engineering, 2020, 18, .	1.1	0
9	Exploratory Study for the Upgrading of Transport Properties of Heavy Oil by Slurry-Phase Hydrocracking. Energy & Fuels, 2015, 29, 9-15.	5.1	23
10	Vacuum Gas Oil Hydrocracking on NiMo/USY Zeolite Catalysts. Experimental Study and Kinetic Modeling. Industrial & Engineering Chemistry Research, 2015, 54, 858-868.	3.7	13
11	Effect of alumina and silicaâ€“alumina supported NiMo catalysts on the properties of asphaltenes during hydroprocessing of heavy petroleum. Fuel, 2014, 138, 111-117.	6.4	15
12	Chemical characterization of asphaltenes from various crude oils. Fuel Processing Technology, 2013, 106, 734-738.	7.2	56
13	International-Mexican Congress on Chemical Reaction Engineering (IMCCRE 2012). Fuel, 2013, 110, 1-3.	6.4	1
14	Activity and surface properties of NiMo/SiO2â€“Al2O3 catalysts for hydroprocessing of heavy oils. Applied Catalysis A: General, 2012, 425-426, 1-12.	4.3	57
15	On the importance of calculating fresh-basis catalyst composition from spent catalyst analysis. Fuel, 2009, 88, 2311-2314.	6.4	15
16	NiMo supported acidic catalysts for heavy oil hydroprocessing. Catalysis Today, 2009, 141, 168-175.	4.4	49
17	On the Use of Acid-Base-Supported Catalysts for Hydroprocessing of Heavy Petroleum. Industrial & Engineering Chemistry Research, 2007, 46, 7448-7466.	3.7	81
18	A comparative study on the effect of promoter content of hydrodesulfurization catalysts at different evaluation scales. Fuel, 2007, 86, 1232-1239.	6.4	10

#	Article	IF	Citations
19	Effect of catalyst preparation and support composition on hydrodesulfurization of dibenzothiophene and Maya crude oil. Fuel, 2007, 86, 1254-1262.	6.4	48