

# Carolina Leyva

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

477  
citations

840776

11  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

508  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Use of Acid-Base-Supported Catalysts for Hydroprocessing of Heavy Petroleum. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 7448-7466.	3.7	81
2	Activity and surface properties of NiMo/SiO <sub>2</sub> –Al <sub>2</sub> O <sub>3</sub> catalysts for hydroprocessing of heavy oils. <i>Applied Catalysis A: General</i> , 2012, 425-426, 1-12.	4.3	57
3	Chemical characterization of asphaltenes from various crude oils. <i>Fuel Processing Technology</i> , 2013, 106, 734-738.	7.2	56
4	NiMo supported acidic catalysts for heavy oil hydroprocessing. <i>Catalysis Today</i> , 2009, 141, 168-175.	4.4	49
5	Effect of catalyst preparation and support composition on hydrodesulfurization of dibenzothiophene and Maya crude oil. <i>Fuel</i> , 2007, 86, 1254-1262.	6.4	48
6	Fabrication of magnetic cerium-organic framework-activated carbon composite for charged dye removal from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2021, 337, 116578.	4.9	33
7	Exploratory Study for the Upgrading of Transport Properties of Heavy Oil by Slurry-Phase Hydrocracking. <i>Energy &amp; Fuels</i> , 2015, 29, 9-15.	5.1	23
8	Functional metal-organic frameworks for metal removal from aqueous solutions. <i>Separation and Purification Reviews</i> , 2022, 51, 78-99.	5.5	21
9	On the importance of calculating fresh-basis catalyst composition from spent catalyst analysis. <i>Fuel</i> , 2009, 88, 2311-2314.	6.4	15
10	Effect of alumina and silica–alumina supported NiMo catalysts on the properties of asphaltenes during hydroprocessing of heavy petroleum. <i>Fuel</i> , 2014, 138, 111-117.	6.4	15
11	Zirconium-organic framework as a novel adsorbent for arsenate remediation from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2022, 356, 118957.	4.9	15
12	Vacuum Gas Oil Hydrocracking on NiMo/USY Zeolite Catalysts. <i>Experimental Study and Kinetic Modeling</i> . <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 858-868.	3.7	13
13	Application of hybrid MOF composite in extraction of f-block elements: Experimental and computational investigation. <i>Chemosphere</i> , 2022, 287, 132232.	8.2	12
14	Magnetic MOF-808 as a novel adsorbent for toxic metal removal from aqueous solutions. <i>Environmental Science Advances</i> , 2022, 1, 182-191.	2.7	11
15	A comparative study on the effect of promoter content of hydrodesulfurization catalysts at different evaluation scales. <i>Fuel</i> , 2007, 86, 1232-1239.	6.4	10
16	Lanthanides adsorption on metal-organic framework: Experimental insight and spectroscopic evidence. <i>Separation and Purification Technology</i> , 2022, 298, 121606.	7.9	4
17	Effect of silicon content on active catalytic phase for hydrocracking of heavy crude oils. <i>Petroleum Science and Technology</i> , 2020, 38, 91-97.	1.5	2
18	International-Mexican Congress on Chemical Reaction Engineering (IMCCRE 2012). <i>Fuel</i> , 2013, 110, 1-3.	6.4	1

#	ARTICLE	IF	CITATIONS
19	Hydrodesulfurization of dibenzothiophene using NiMoWS catalysts supported on Al <sup>3+</sup> /Mg and Ti <sup>4+</sup> /Mg mixed oxides. International Journal of Chemical Reactor Engineering, 2020, 18, .	1.1	0