

Rogelio Cuevas

List of Publications by Year in descending order

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40
papers

1,150
citations

471509

17
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

1124
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of methoxy species on the transesterification reaction of castor oil on Ni-Mg-Al calcined hydrotalcites. <i>Catalysis Today</i> , 2022, 392-393, 31-40.	4.4	3
2	On the contribution of the cobalt sulfide phase to the global activity of industrial-type CoMo/Al ₂ O ₃ catalysts in the HDS of DBT. <i>Catalysis Today</i> , 2022, 394-396, 41-49.	4.4	4
3	Bio-oil production by catalytic solvent liquefaction from a wild microalgae consortium. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2627-2639.	4.6	8
4	Catalytic hydrocracking of a Mexican heavy oil on a MoS ₂ /Al ₂ O ₃ catalyst: II. Study of the transformation of isolated aromatics fraction obtained from SARA analysis. <i>Fuel</i> , 2021, 288, 119541.	6.4	8
5	Effect of the preparation method on particle size and reaction selectivity on naphthalene hydrogenation over Ni/H-MOR catalysts. <i>Catalysis Today</i> , 2021, 360, 63-71.	4.4	16
6	Producción de combustibles renovables. <i>Mundo Nano Revista Interdisciplinaria En Nanociencia Y Nanotecnología</i> , 2021, 16, 1e-50e.	0.1	0
7	Catalytic hydrothermal liquefaction of microalgae cultivated in wastewater: Influence of ozone-air flotation on products, energy balance and carbon footprint. <i>Energy Conversion and Management</i> , 2021, 249, 114806.	9.2	14
8	Catalytic hydrocracking of a Mexican heavy oil on a MoS ₂ /Al ₂ O ₃ catalyst: I. Study of the transformation of isolated saturates fraction obtained from SARA analysis. <i>Catalysis Today</i> , 2020, 353, 153-162.	4.4	6
9	Thiophene HDS on La-Modified CoMo/Al ₂ O ₃ Sulfided Catalysts. Effect of Rare-Earth Content. <i>Topics in Catalysis</i> , 2020, 63, 529-545.	2.8	10
10	Obtención y análisis de expresiones de cinética química. <i>Mundo Nano Revista Interdisciplinaria En Nanociencia Y Nanotecnología</i> , 2020, 14, 1e-25e.	0.1	0
11	Obtención y análisis de expresiones de cinética química. <i>Mundo Nano Revista Interdisciplinaria En Nanociencia Y Nanotecnología</i> , 2020, 14, 1e-23e.	0.1	0
12	Bio-crude oil production using catalytic hydrothermal liquefaction (HTL) from native microalgae harvested by ozone-flotation. <i>Fuel</i> , 2019, 241, 255-263.	6.4	46
13	Catalytic Materials for Hydrodesulfurization Processes, Experimental Strategies to Improve Their Performance. , 2019, , 61-96.		0
14	Analysis of the thermal hydrocracking of heavy fuel oil. <i>Petroleum Science and Technology</i> , 2018, 36, 507-513.	1.5	10
15	Influence of the support on the catalytic performance of Mo, CoMo, and NiMo catalysts supported on Al ₂ O ₃ and TiO ₂ during the HDS of thiophene, dibenzothiophene, or 4,6-dimethyldibenzothiophene. <i>Catalysis Today</i> , 2016, 259, 140-149.	4.4	44
16	Simultaneous naphthalene and thiophene hydrogenation over Ni(X)-Pt/HMOR catalysts. <i>Catalysis Today</i> , 2015, 250, 12-20.	4.4	9
17	Hydrocracking of Maya crude oil in a slurry-phase batch reactor. II. Effect of catalyst load. <i>Fuel</i> , 2014, 130, 263-272.	6.4	53
18	Hydrocracking of Maya crude oil in a slurry-phase reactor. I. Effect of reaction temperature. <i>Catalysis Today</i> , 2014, 220-222, 295-300.	4.4	51

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19	Effect of phosphorus on Mo/Al ₂ O ₃ catalysts for Maya crude improvement. <i>Catalysis Today</i> , 2014, 220-222, 310-317.	4.4	6
20	Heavy oil upgrading at moderate pressure using dispersed catalysts: Effects of temperature, pressure and catalytic precursor. <i>Fuel</i> , 2012, 100, 186-192.	6.4	83
21	Prediction of Sulfur Content, API Gravity, and Viscosity Using a Continuous Mixture Kinetic Model for Maya Crude Oil Hydrocracking in a Slurry-Phase Reactor. <i>Energy & Fuels</i> , 2011, 25, 3605-3614.	5.1	9
22	Preparation and characterization of Pt/HMFI/SBA-15 hybrid catalyst for tetralin transformation. <i>Catalysis Today</i> , 2009, 148, 49-54.	4.4	16
23	Kinetic Study of the HDS of 4,6-DMDBT over NiMo/Al ₂ O ₃ -SiO ₂ (x) Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 1178-1185.	3.7	15
24	Characterization and Hydrogenation Activity of Ni/Si(Al)-MCM-41 Catalysts Prepared by Deposition-Precipitation. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 1154-1162.	3.7	39
25	Transformation of thiophene, benzothiophene and dibenzothiophene over Pt/HMFI, Pt/HMOR and Pt/HFAU: Effect of reactant molecular dimensions and zeolite pore diameter over catalyst activity. <i>Catalysis Today</i> , 2008, 130, 320-326.	4.4	36
26	Synthesis, characterization and evaluation of NiMo/SiO ₂ -Al ₂ O ₃ catalysts prepared by the pH-swing method. <i>Catalysis Today</i> , 2008, 130, 337-344.	4.4	9
27	Oxidative desulfurization of synthetic diesel using supported catalysts. <i>Catalysis Today</i> , 2008, 133-135, 244-254.	4.4	103
28	Analysis of the HDS of 4,6-DMDBT in the presence of naphthalene and carbazole over NiMo/Al ₂ O ₃ -SiO ₂ (x) catalysts. <i>Catalysis Today</i> , 2008, 133-135, 267-276.	4.4	35
29	Preparation of highly active NiMo/Al-SBA15 (x) HDS catalysts: Preservation of the support hexagonal porous arrangement. <i>Catalysis Today</i> , 2008, 133-135, 261-266.	4.4	11
30	A study on sulfur reduction in FCC gasoline using Zn-Mg-Al spinels. <i>Catalysis Today</i> , 2005, 107-108, 713-718.	4.4	18
31	Hydrodesulfurization of 4,6-DMDBT on NiMo and CoMo catalysts supported on B ₂ O ₃ -Al ₂ O ₃ . <i>Catalysis Today</i> , 2005, 107-108, 551-558.	4.4	42
32	TPR-S analysis of the catalytic behavior of Ru/Al ₂ O ₃ catalysts in industrial conditions. <i>Catalysis Today</i> , 2005, 107-108, 913-919.	4.4	6
33	Hydrodemetallation (HDM) kinetics of Ni-TPP over Mo/Al ₂ O ₃ -TiO ₂ catalyst. <i>Catalysis Today</i> , 2005, 107-108, 545-550.	4.4	21
34	Hydrodesulfurization of gasoils over NiMo/Al ₂ O ₃ -H(or Ni)NaY zeolite hybrid catalysts. <i>Catalysis Today</i> , 2004, 98, 201-206.	4.4	17
35	The role of titania in supported Mo, CoMo, NiMo, and NiW hydrodesulfurization catalysts: analysis of past and new evidences. <i>Catalysis Today</i> , 2004, 98, 19-30.	4.4	135
36	Fluoride modification of Mo/Al ₂ O ₃ catalysts. <i>Journal of Fluorine Chemistry</i> , 2003, 122, 151-158.	1.7	15

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37	Characterization of Al ₂ O ₃ -ZrO ₂ mixed oxide catalytic supports prepared by the sol-gel method. <i>Microporous and Mesoporous Materials</i> , 1998, 20, 293-306.	4.4	87
38	Effect of boron addition on the activity and selectivity of hydrotreating CoMo/Al ₂ O ₃ catalysts. <i>Applied Catalysis A: General</i> , 1995, 132, 317-334.	4.3	74
39	Promoting effect of fluorine on cobalt molybdenum/ titania hydrodesulfurization catalysts. <i>Applied Catalysis</i> , 1991, 71, 351-361.	0.8	35
40	Effect of fluorine on hydrogenation of cyclohexene on sulfided Ni (or Co)Mo/Al ₂ O ₃ catalysts. <i>Applied Catalysis</i> , 1990, 57, 223-240.	0.8	56