

Jose Gonzalo Hernandez Cortez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8249376/publications.pdf>

Version: 2024-02-01

24
papers

819
citations

687363

13
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on catalyst technologies for high quality gasoline production. <i>Catalysis Reviews - Science and Engineering</i> , 2023, 65, 1079-1299.	12.9	8
2	Uniformly sized Pt nanoparticles dispersed at high loading on Titania nanotubes. <i>Applied Catalysis A: General</i> , 2020, 600, 117631.	4.3	18
3	Selective Vanillin Hydrodeoxygenation on Synthetic Takovite Derived NiAlOx Mixed Oxide. <i>Topics in Catalysis</i> , 2020, 63, 428-436.	2.8	9
4	Synthesis and catalytic activity of chrysotile-type magnesium silicate nanotubes using various silicate sources. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 176-182.	4.4	16
5	Study of hydrotalcite-supported transition metals as catalysts for crude glycerol hydrogenolysis. <i>Molecular Catalysis</i> , 2019, 468, 9-18.	2.0	29
6	One-Pot Synthesis of Ru-Doped ZnO Oxides for Photodegradation of 4-Chlorophenol. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-12.	2.5	12
7	Experimental and theoretical study of bifunctionalized PEO- <i>b</i> -PPO- <i>b</i> -PEO triblock copolymers with applications as dehydrating agents for heavy crude oil. <i>Arabian Journal of Chemistry</i> , 2017, 10, 410-419.	4.9	12
8	Synthesis of transition metal doped lamellar double hydroxides as base catalysts for acetone aldol condensation. <i>Applied Clay Science</i> , 2015, 118, 188-194.	5.2	9
9	Study of acid-base properties of supported heteropoly acids in the reactions of secondary alcohols dehydration. <i>Catalysis Today</i> , 2014, 220-222, 32-38.	4.4	20
10	Advances in the transesterification of triglycerides to biodiesel using MgO- <i>b</i> -NaOH, MgO- <i>b</i> -KOH and MgO- <i>b</i> -CeO ₂ as solid basic catalysts. <i>Catalysis Today</i> , 2013, 212, 23-30.	4.4	49
11	Acid and base properties of molybdophosphoric acid supported on zirconia: Characterized by IR spectroscopy, TPD and catalytic activity. <i>Fuel</i> , 2012, 100, 144-151.	6.4	8
12	Differential scanning calorimetry characterization of water-in-oil emulsions from Mexican crude oils. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 899-906.	3.6	15
13	Calcined layered double hydroxides Mg- <i>b</i> -Me- <i>b</i> -Al (Me: Cu, Fe, Ni, Zn) as bifunctional catalysts. <i>Catalysis Today</i> , 2010, 150, 340-345.	4.4	78
14	Liquid phase alkylation of benzene with dec-1-ene catalyzed on supported 12-tungstophosphoric acid. <i>Catalysis Today</i> , 2010, 150, 346-352.	4.4	31
15	Production of Di-isopropyl ether (DIPE) over 12-Molybdophosphoric Acid Supported on ZrO ₂ . An Alternative Octane Enhancer for Lead-free Petrol. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1279, 1.	0.1	1
16	Adsorption and photocatalytic degradation of phenol and 2,4 dichlorophenoxyacetic acid by Mg- <i>b</i> -Zn- <i>b</i> -Al layered double hydroxides. <i>Applied Catalysis B: Environmental</i> , 2009, 90, 330-338.	20.2	232
17	Effect of Ga in the photocatalytic properties of TiO ₂ . <i>Journal of Physics: Conference Series</i> , 2009, 167, 012048.	0.4	2
18	Long-term evaluation of NiMo/alumina-carbon black composite catalysts in hydroconversion of Mexican 538°C+ vacuum residue. <i>Catalysis Today</i> , 2005, 109, 69-75.	4.4	30

#	ARTICLE	IF	CITATIONS
19	Sol-gel silica modified with phosphate and sulfate ions. Journal of Non-Crystalline Solids, 2004, 345-346, 643-646.	3.1	17
20	Thermally Induced Phase Transformation on 12-Tungstophosphoric Acid/ZrO ₂ Sol-Gel. Journal of Sol-Gel Science and Technology, 2003, 26, 213-216.	2.4	13
21	Thermal Stability and Hydrolysis Catalysts Effect on Sol-Gel Zirconia in The Presence of Heteropolyacids. , 2003, , 221-229.		1
22	Thermal stability of 12-tungstophosphoric acid supported on zirconia. Applied Catalysis A: General, 2000, 193, 215-225.	4.3	156
23	Formation of diisopropyl ether from 2-propanol using Keggin-type H ₃ [W ₁₂ PO ₄₀] and H ₄ [W ₁₂ SiO ₄₀] heteropolyacids supported on Zirconia. Studies in Surface Science and Catalysis, 2000, 130, 2591-2596.	1.5	1
24	Skeletal isomerization of 1-butene on 12-tungstophosphoric acid supported on zirconia. Applied Catalysis A: General, 1998, 175, 43-53.	4.3	52