Ernesto Antonio Urquieta-GonzÃ¡lez

List of Publications by Year
in descending order

46	707	14	26
papers	citations	h-index	g-index
		623734	552781

46	46	46	1070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel synthesis route to obtain magnetic nanocrystalline cobalt ferrite with photo-Fenton activity. Materials Chemistry and Physics, 2021, 257, 123741.	4.0	12
2	USY-zeolite catalyzed synthesis of 1,4-dihydropyridines under microwave irradiation: structure and recycling of the catalyst. Journal of Molecular Structure, 2021, 1227, 129430.	3.6	16
3	Efficient and stable operation of capacitive deionization assessed by electrode and membrane asymmetry. Electrochimica Acta, 2021, 388, 138631.	5.2	11
4	Mesoporous HBeta zeolites application in the desulfurization of 2-methylthiophene. Reaction Kinetics, Mechanisms and Catalysis, 2021, 132, 401-416.	1.7	3
5	Effect of the Synthesis Method on Physicochemical Properties and Performance of Cu/ZnO/Nb₂O₅ Catalysts for CO₂ Hydrogenation to Methanol. Industrial & Engineering Chemistry Research, 2021, 60, 18750-18758.	3.7	10
6	Regulation of Hydrogen Peroxide Dosage in a Heterogeneous Photo-Fenton Process. Processes, 2021, 9, 2167.	2.8	2
7	Tuning the BrÃ¸nsted and Lewis acid nature in HZSM-5 zeolites by the generation of intracrystalline mesoporosityâ€"Catalytic behavior for the acylation of anisole. Molecular Catalysis, 2020, 492, 111026.	2.0	7
8	Molybdenum-promoted cobalt supported on SBA-15: Steam and sulfur dioxide stable catalyst for CO oxidation. Applied Catalysis B: Environmental, 2020, 277, 119248.	20.2	26
9	2-Methylthiophene reactions on modified KSF clays. Molecular Catalysis, 2020, 493, 111085.	2.0	2
10	Carbon-Templated Mesopores in HZSM-5 Zeolites: Effect on Cyclohexane Cracking. Catalysis Letters, 2020, 150, 3481-3494.	2.6	4
11	Greener synthesis of 1,2,3-triazoles using a copper(<scp>i</scp>)-exchanged magnetically recoverable Î²-zeolite as catalyst. New Journal of Chemistry, 2020, 44, 15046-15053.	2.8	6
12	Ethanol dehydrogenative reactions catalyzed by copper supported on porous Alâ€“Mg mixed oxides. RSC Advances, 2019, 9, 3294-3302.	3.6	10
13	Generation of 3D-Intracrystalline Diffusion Structures from a 1D/12MR HZSM-12 Zeolite: Improvements in the Catalytic Stability. Industrial & Engineering Chemistry Research, 2019, 58, 7044-7051.	3.7	10
14	Catalytic performance of texturally improved Alâ€“Mg mixed oxides derived from emulsion-synthesized hydrotalcites. RSC Advances, 2018, 8, 6039-6046.	3.6	3
15	CO oxidation over Co-catalysts supported on silica-titania â€“ The effects of the catalyst preparation method and the amount of incorporated Ti on the formation of more active Co3+ species. Applied Catalysis A: General, 2018, 565, 152-162.	4.3	8
16	Zirconiaâ€Supported Cobalt Catalysts: Activity and Selectivity in NO Reduction by CO. ChemistrySelect, 2017, 2, 11565-11573.	1.5	4
17	Metal-exchanged magnetic Î²-zeolites: valorization of lignocellulosic biomass-derived compounds to platform chemicals. Green Chemistry, 2017, 19, 3856-3868.	9.0	35
18	Emulsion-mediated synthesis of hierarchical mesoporous-macroporous Al-Mg hydrotalcites. Microporous and Mesoporous Materials, 2017, 240, 149-158.	4.4	8

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19	Preparation of Mesoporous Fe2O3-Supported ZSM-5 Zeolites by Carbon-Templating and their Evaluation as Photo-Fenton Catalysts to Degrade Organic Pollutant. Materials Research, 2016, 19, 1399-1406.	1.3	25
20	One-Step Synthesis of Functionalized ZSM-12 Zeolite as a Hybrid Basic Catalyst. Catalysis Letters, 2016, 146, 2200-2213.	2.6	10
21	NiMoS HDS catalysts â€" The effect of the Ti and Zr incorporation into the silica support and of the catalyst preparation methodology on the orientation and activity of the formed MoS2 slabs. Applied Catalysis A: General, 2016, 528, 74-85.	4.3	20
22	Magnetic ZSM-5 zeolite: a selective catalyst for the valorization of furfuryl alcohol to Î³-valerolactone, alkyl levulinates or levulinic acid. Green Chemistry, 2016, 18, 5586-5593.	9.0	59
23	Effects of crystal size, acidity, and synthesis procedure on the catalytic performance of gallium and aluminum MFI zeolites in glycerol dehydration. Journal of Molecular Catalysis A, 2016, 422, 148-157.	4.8	48
24	Catalytic cracking of crude soybean oil on Beta nanozeolites. Journal of Molecular Catalysis A, 2016, 422, 89-102.	4.8	16
25	Incorporation of the precursors of Mo and Ni oxides directly into the reaction mixture of solâ€"gel prepared Î³-Al2O3-ZrO2 supports â€" Evaluation of the sulfided catalysts in the thiophene hydrodesulfurization. Catalysis Today, 2015, 246, 184-190.	4.4	14
26	Microporousâ€"mesoporous ZSM-12 zeolites: Synthesis by using a soft template and textural, acid and catalytic properties. Catalysis Today, 2015, 243, 92-102.	4.4	44
27	The influence of a silica pillar in lamellar tetratitanate for selective catalytic reduction of NOx using NH3. Materials Research Bulletin, 2015, 61, 124-129.	5.2	6
28	Influence of Temperature and Time of Seed Aging on the Properties of Beta Zeolite/MCM-41 Materials. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
29	Reduction of NO with CO on CuO or Fe2O3 catalysts supported on TiO2 in the presence of O2, SO2 and water steam. Fuel, 2014, 118, 137-147.	6.4	86
30	Solâ€"gel synthesis of silicaâ€"cobalt composites by employing Co3O4 colloidal dispersions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 395, 217-224.	4.7	34
31	Direct addition of the precursor salts of Mo, Co or Ni oxides during the sol formation of Î³-Al2O3 and ZrO2 - The effect on metal dispersion. Studies in Surface Science and Catalysis, 2010, 175, 671-674.	1.5	3
32	Use of commercial carbons as template for the preparation of high specific surface area perovskites. Studies in Surface Science and Catalysis, 2010, , 657-660.	1.5	1
33	High specific surface area LaFeCo perovskitesâ€"Synthesis by nanocasting and catalytic behavior in the reduction of NO with CO. Applied Catalysis B: Environmental, 2009, 90, 441-450.	20.2	59
34	Synthesis of mesoporous ZSM-5 by crystallisation of aged gels in the presence of cetyltrimethylammonium cations. Catalysis Today, 2008, 133-135, 69-79.	4.4	58
35	Porous carbons cast from meso- or nonporous silica nanoparticles. Studies in Surface Science and Catalysis, 2007, , 377-380.	1.5	0
36	ReduÃ§Ã£o catalÃtica seletiva de Ã³xidos de nitrogÃªnio sobre hematita contendo cobre. Quimica Nova, 2007, 30, 611-615.	0.3	0

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37	Mesoporous ZSM-5 synthesized by simultaneous mesostructuring and crystallization of ZSM-5 nuclei. Studies in Surface Science and Catalysis, 2006, 162, 323-330.	1.5	2
38	Mesoporous carbons prepared by nano-casting with meso- or non-porous silica nanoparticles. Journal of the Brazilian Chemical Society, 2006, 17, 1170-1180.	0.6	9
39	Mesoporous ZSM-5 prepared by sequential nano-casting of MCM-41 nanospheres. Studies in Surface Science and Catalysis, 2006, , 409-416.	1.5	0
40	Secondary crystallization of SBA-15 in the presence of TPAOH and aqueous glycerol - Influence of the water content. Studies in Surface Science and Catalysis, 2006, , 347-354.	1.5	0
41	Mordenite seeding gels mesostructured by the nonionic surfactant Pluronic P123. Studies in Surface Science and Catalysis, 2006, 162, 433-440.	1.5	2
42	Secondary crystallization of SBA-15 pore walls into microporous material with MFI structure. Catalysis Today, 2005, 107-108, 759-767.	4.4	18
43	Selective catalytic reduction of NO to N2 with copper and cobalt exchanged ZSM-5 zeolites: the effect of calcium addition. Journal of the Brazilian Chemical Society, 2005, 16, 589-596.	0.6	8
44	Catalytic Properties of Mesoporous Aluminosilicates and Lanthanum Containing Mesoporous Aluminosilicates studied by m-Xylene Isomerisation. Studies in Surface Science and Catalysis, 2003, , 745-748.	1.5	4
45	Preparation of mesoporous solids by agglomeration of silica nanospheres. Studies in Surface Science and Catalysis, 2003, 146, 197-200.	1.5	1
46	Desproporcionamento de tolueno sobre zeÃ³litas tipo mordenita <FONT FACE=Symbol>-</FONT> atividade e seletividade na obtenÃ§Ã£o de xilenos. Quimica Nova, 2000, 23, 303-306.	0.3	2