

MarÃ-a Luisa Rojas-Cervantes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/252876/publications.pdf>

Version: 2024-02-01

59
papers

2,622
citations

279798

23
h-index

182427

51
g-index

59
all docs

59
docs citations

59
times ranked

3897
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino-Functionalized Multiwall Carbon Nanotubes as Efficient Basic Catalysts for the Formation of β -Lactams: Synthesis of N-1-Heptenyl-2-pyrrolidinone. <i>Nanomaterials</i> , 2022, 12, 684.	4.1	0
2	Rheological Properties of Different Graphene Nanomaterials in Biological Media. <i>Materials</i> , 2022, 15, 3593.	2.9	2
3	Comparison of the quality attributes of carrot juice pasteurized by ohmic heating and conventional heat treatment. <i>LWT - Food Science and Technology</i> , 2021, 145, 111255.	5.2	22
4	Fe-Cu Doped Multiwalled Carbon Nanotubes for Fenton-like Degradation of Paracetamol Under Mild Conditions. <i>Nanomaterials</i> , 2020, 10, 749.	4.1	20
5	Porous Alkaline-Earth Doped Multiwall Carbon Nanotubes with Base Catalytic Properties. <i>Catalysis Letters</i> , 2019, 149, 2279-2290.	2.6	3
6	Perovskites as Catalysts in Advanced Oxidation Processes for Wastewater Treatment. <i>Catalysts</i> , 2019, 9, 230.	3.5	37
7	Molecular dynamics simulation of the adsorption of alkali metal cations on carbon nanotubes surfaces. <i>Computational Condensed Matter</i> , 2019, 18, e00357.	2.1	2
8	Silica-based nanocatalysts in the C-C and C-heteroatom bond forming cascade reactions for the synthesis of biologically active heterocyclic scaffolds. <i>Catalysis Today</i> , 2017, 285, 65-88.	4.4	17
9	Acid clay minerals as eco-friendly and cheap catalysts for the synthesis of β -amino ketones by Mannich reaction. <i>Applied Clay Science</i> , 2017, 143, 250-257.	5.2	14
10	Alkaline-doped multiwall carbon nanotubes as efficient catalysts for the Knoevenagel condensation. <i>Molecular Catalysis</i> , 2017, 443, 101-109.	2.0	14
11	On the textural and crystalline properties of Fe-carbon xerogels. Application as Fenton-like catalysts in the oxidation of paracetamol by H ₂ O ₂ . <i>Microporous and Mesoporous Materials</i> , 2017, 237, 282-293.	4.4	31
12	Efficient removal of paracetamol using LaCu _{1-x} MxO ₃ (M = Mn, Ti) perovskites as heterogeneous Fenton-like catalysts. <i>Chemical Engineering Journal</i> , 2016, 304, 408-418.	12.7	69
13	Some strategies to lower the production cost of carbon gels. <i>Journal of Materials Science</i> , 2015, 50, 1017-1040.	3.7	26
14	Sustainable fermentation processing of two revalorized agro-industrial discards: carrot and brewer's yeast. <i>International Journal of Energy and Environmental Engineering</i> , 2013, 4, 24.	2.5	5
15	Production of bioethanol from carrot discards. <i>Bioresource Technology</i> , 2012, 123, 727-732.	9.6	31
16	Cesium-saponites as excellent environmental-friendly catalysts for the synthesis of N-alkyl pyrazoles. <i>Applied Clay Science</i> , 2011, 54, 125-131.	5.2	10
17	Hybrid TiO ₂ -SiMgO _x Composite for Combined Chemisorption and Photocatalytic Elimination of Gaseous H ₂ S. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 6685-6690.	3.7	23
18	A study of hydrogenated carbon fibers by scanning electron microscopy and confocal laser scanning microscopy. <i>Microscopy Research and Technique</i> , 2009, 72, 447-453.	2.2	0

#	ARTICLE	IF	CITATIONS
19	Basic zeolites as catalysts in the N-alkylation of imidazole: Activation by microwave irradiation. <i>Microporous and Mesoporous Materials</i> , 2009, 120, 115-121.	4.4	5
20	Characterization and application of a sterol esterase immobilized on polyacrylate epoxy-activated carriers (Dilbeads [®] , Φ). <i>Catalysis Communications</i> , 2008, 9, 539-545.	3.3	26
21	Fenton-like oxidation of Orange II solutions using heterogeneous catalysts based on saponite clay. <i>Applied Catalysis B: Environmental</i> , 2007, 71, 44-56.	20.2	275
22	Preparation of charcoal from cherry stones. <i>Applied Surface Science</i> , 2006, 252, 5957-5960.	6.1	31
23	Catalysis by basic carbons: Preparation of dihydropyridines. <i>Applied Surface Science</i> , 2006, 252, 6080-6083.	6.1	43
24	Limonene oxidation over V ₂ O ₅ /TiO ₂ catalysts. <i>Catalysis Today</i> , 2006, 118, 307-314.	4.4	55
25	Titania aerogels. <i>Microporous and Mesoporous Materials</i> , 2006, 88, 205-213.	4.4	33
26	Demineralisation of semi-anthracite char with molten salts/HCl. <i>Applied Surface Science</i> , 2006, 252, 6005-6008.	6.1	2
27	Microwave enhanced synthesis of N-propargyl derivatives of imidazole. <i>Applied Surface Science</i> , 2006, 252, 6067-6070.	6.1	7
28	Surface and catalytic properties of acid metal ⁺ carbons prepared by the sol ⁺ gel method. <i>Applied Surface Science</i> , 2006, 252, 6075-6079.	6.1	9
29	Preparation of mesoporous TiO ₂ by the sol-gel method assisted by surfactants. <i>Journal of Materials Science</i> , 2006, 41, 2457-2464.	3.7	16
30	Interaction of molten salts with a semianthracite char at 743-1173 K. Effects on chemical composition, textural properties, and reactivity in air. <i>Fuel Processing Technology</i> , 2005, 87, 45-51.	7.2	4
31	Immobilisation of fructosyltransferase from <i>Aspergillus aculeatus</i> on epoxy-activated Sepabeads EC for the synthesis of fructo-oligosaccharides. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2005, 35, 19-27.	1.8	97
32	Ultrasound-activated Knoevenagel condensation of malononitrile with carbonylic compounds catalysed by alkaline-doped saponites. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 234-238.	3.2	20
33	Immobilization of Dextranucrase from <i>Leuconostoc mesenteroides</i> NRRL B-512F on Eupergit C Supports. <i>Biotechnology Progress</i> , 2004, 20, 1414-1420.	2.6	56
34	N-alkylation of imidazole by alkaline carbons. <i>Microporous and Mesoporous Materials</i> , 2004, 67, 87-94.	4.4	18
35	Silica/C composites prepared by the sol ⁺ gel method. Influence of the synthesis parameters on textural characteristics. <i>Microporous and Mesoporous Materials</i> , 2004, 74, 111-119.	4.4	17
36	Physico-chemical properties of low-rank coals. <i>Powder Technology</i> , 2004, 148, 38-42.	4.2	18

#	ARTICLE	IF	CITATIONS
37	Basic metal-carbons catalysts prepared by sol-gel method. Carbon, 2004, 42, 1575-1582.	10.3	29
38	Carbonization and demineralization of coals: A study by means of FT-IR spectroscopy. Bulletin of Materials Science, 2003, 26, 721-732.	1.7	24
39	Synthesis and characterisation of $x\text{TiO}_2 \cdot (1-x)\text{SiO}_2$ carbon composites. Carbon, 2003, 41, 79-86.	10.3	9
40	Sonocatalysis and Basic Clays. Michael Addition Between Imidazole and Ethyl Acrylate. Catalysis Letters, 2002, 84, 201-204.	2.6	30
41	Hybrid materials based on vanadium pentoxide intercalation complexes. Colloid and Polymer Science, 2001, 279, 990-1004.	2.1	24
42	Title is missing!. Journal of Materials Science, 2000, 35, 3269-3278.	3.7	11
43	Title is missing!. Journal of Materials Science, 2000, 35, 3279-3287.	3.7	28
44	Ultrasound enhanced reactions involving activated carbons as catalysts: synthesis of α,β -unsaturated nitriles. Carbon, 1999, 37, 213-219.	10.3	25
45	Characterization of $\text{Al}_2\text{O}_3\text{-ZrO}_2$ mixed oxide catalytic supports prepared by the sol-gel method. Microporous and Mesoporous Materials, 1998, 20, 293-306.	4.4	87
46	Interaction of Molten Salts with a Semianthracite Char at 873 K. A Study by X-ray Diffraction. Energy & Fuels, 1998, 12, 289-297.	5.1	6
47	Preparation of V/ZrO_2 catalysts by the sol-gel method: Physical and structural characterization. Journal of Materials Science, 1996, 31, 437-444.	3.7	12
48	Interaction of triton X-100 on silica: A relationship between surface characteristics and adsorption isotherms. Journal of Chemical Technology and Biotechnology, 1995, 63, 249-256.	3.2	18
49	Study of oxygen-containing groups in a series of graphite oxides: Physical and chemical characterization. Carbon, 1995, 33, 1585-1592.	10.3	984
50	Control of porosity and surface area in $\text{TiO}_2\text{-Al}_2\text{O}_3$ mixed oxides supports by means of ammonium carbonate. Studies in Surface Science and Catalysis, 1995, 91, 411-420.	1.5	7
51	ZrO_2 obtained by the sol-gel method: influence of synthesis parameters on physical and structural characteristics. Journal of Materials Science, 1994, 29, 3743-3748.	3.7	32
52	Selective N-propargylation of imidazole under microwave irradiation using some magnesium oxides as catalysts. Catalysis Letters, 1994, 25, 385-392.	2.6	9
53	Alkaline carbons as base catalysts: Alkylation of imidazole with alkyl halides. Journal of Molecular Catalysis, 1993, 85, 253-264.	1.2	13
54	Characterization of basic sites of alkaline carbons by Knoevenagel condensation. Carbon, 1993, 31, 1231-1236.	10.3	31

#	ARTICLE	IF	CITATIONS
55	Dehydrogenation of methanol to methyl formate over copper-containing perovskite-type oxides. Applied Catalysis, 1991, 68, 217-228.	0.8	48
56	Selective production of methanol from syngas over $\text{LaTi}_{1-x}\text{Cu}_x\text{O}_3$ mixed oxides. Catalysis Letters, 1991, 8, 335-344.	2.6	20
57	Preparation and characterization of $\text{LaMn}_{1-x}\text{Cu}_x\text{O}_{3+\lambda}$ perovskite oxides. Journal of Catalysis, 1990, 124, 41-51.	6.2	100
58	Synthesis and characterization of $\text{LaTi}_{1-x}\text{Cu}_x\text{O}_3$ compounds. Journal of Solid State Chemistry, 1990, 89, 299-307.	2.9	17
59	COMPORTAMIENTO REOLÓGICO DE SUSPENSIONES DE NANOTUBOS DE CARBONO CON APLICACIONES BIOMÉDICAS. , 0, , 16-27.		0