

Mara Victoria Lopez-Ramn

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

3,563

citations

30

h-index

59

g-index

70

ext. papers

3,869

ext. citations

7.9

avg, IF

5.14

L-index

#	Paper	IF	Citations
68	Life Cycle Assessment of Cement Production with Marble Waste Sludges. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
67	Physicochemical characteristics of calcined MnFeO solid nanospheres and their catalytic activity to oxidize para-nitrophenol with peroxymonosulfate and n-C asphaltenes with air. <i>Journal of Environmental Management</i> , 2021 , 281, 111871	7.9	11
66	Copper ferrite nanospheres composites mixed with carbon black to boost the oxygen reduction reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 613, 126060	5.1	4
65	Novel Organochlorinated Xerogels: From Microporous Materials to Ordered Domains. <i>Polymers</i> , 2021 , 13,	4.5	1
64	Hybrid Xerogels: Study of the Sol-Gel Process and Local Structure by Vibrational Spectroscopy. <i>Polymers</i> , 2021 , 13,	4.5	1
63	Manganese ferrite solid nanospheres solvothermally synthesized as catalyst for peroxymonosulfate activation to degrade and mineralize para-nitrophenol: Study of operational variables and catalyst reutilization. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105192	6.8	2
62	Extra-Heavy Crude Oil Viscosity Reduction Using and Reusing Magnetic Copper Ferrite Nanospheres. <i>Processes</i> , 2021 , 9, 175	2.9	4
61	Remediation of water polluted with model endocrine disruptors based on adsorption processes 2021 , 75-112		
60	Effect of operational parameters on photocatalytic degradation of ethylparaben using rGO/TiO composite under UV radiation. <i>Environmental Research</i> , 2021 , 200, 111750	7.9	3
59	Electrocatalytic activity of calcined manganese ferrite solid nanospheres in the oxygen reduction reaction. <i>Environmental Research</i> , 2021 , 204, 112126	7.9	0
58	Hydrothermal Synthesis of rGO-TiO ₂ Composites as High-Performance UV Photocatalysts for Ethylparaben Degradation. <i>Catalysts</i> , 2020 , 10, 520	4	23
57	Solar Degradation of Sulfamethazine Using rGO/Bi Composite Photocatalysts. <i>Catalysts</i> , 2020 , 10, 573	4	5
56	Halide removal from water using silver doped magnetic-microparticles. <i>Journal of Environmental Management</i> , 2020 , 253, 109731	7.9	5
55	Degradation of the diuretic hydrochlorothiazide by UV/Solar radiation assisted oxidation processes. <i>Journal of Environmental Management</i> , 2020 , 257, 109973	7.9	8
54	Oxidation of sulfonamides by ferrate(VI): Reaction kinetics, transformation byproducts and toxicity assesment. <i>Journal of Environmental Management</i> , 2020 , 255, 109927	7.9	8
53	Characteristics and Behavior of Different Catalysts Used for Water Decontamination in Photooxidation and Ozonation Processes. <i>Catalysts</i> , 2020 , 10, 1485	4	2
52	Removal of parabens from water by UV-driven advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2020 , 379, 122334	14.7	36

51	Removal of bisphenols A and S by adsorption on activated carbon clothes enhanced by the presence of bacteria. <i>Science of the Total Environment</i> , 2019 , 669, 767-776	10.2	29
50	New Technologies to Remove Halides from Water: An Overview. <i>Nanotechnology in the Life Sciences</i> , 2019 , 147-180	1.1	4
49	Removal of Phenolic Compounds from Water Using Copper Ferrite Nanosphere Composites as Fenton Catalysts. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
48	Photocatalytic oxidation of diuron using nickel organic xerogel under simulated solar irradiation. <i>Science of the Total Environment</i> , 2019 , 650, 1207-1215	10.2	17
47	Lanthanum-doped silica xerogels for the removal of fluorides from waters. <i>Journal of Environmental Management</i> , 2018 , 213, 549-554	7.9	12
46	Influence of operational parameters on photocatalytic amitrole degradation using nickel organic xerogel under UV irradiation. <i>Arabian Journal of Chemistry</i> , 2018 , 11, 564-572	5.9	10
45	Effect of calcination temperature of a copper ferrite synthesized by a sol-gel method on its structural characteristics and performance as Fenton catalyst to remove gallic acid from water. <i>Journal of Colloid and Interface Science</i> , 2018 , 511, 193-202	9.3	33
44	Photoactivity of organic xerogels and aerogels in the photodegradation of herbicides from waters. <i>Applied Catalysis B: Environmental</i> , 2016 , 181, 94-102	21.8	19
43	Mixed iron oxides as Fenton catalysts for gallic acid removal from aqueous solutions. <i>Applied Catalysis B: Environmental</i> , 2016 , 196, 207-215	21.8	68
42	Fenton oxidation of gallic and p-coumaric acids in water assisted by an activated carbon cloth. <i>Water Science and Technology</i> , 2015 , 71, 789-94	2.2	4
41	Effect of HO, SO ₄ ⁻ and CO ₃ ⁻ /HCO ₃ ⁻ radicals on the photodegradation of the herbicide amitrole by UV radiation in aqueous solution. <i>Chemical Engineering Journal</i> , 2015 , 267, 182-190	14.7	44
40	Photodegradation of herbicides with different chemical natures in aqueous solution by ultraviolet radiation. Effects of operational variables and solution chemistry. <i>Chemical Engineering Journal</i> , 2014 , 255, 307-315	14.7	27
39	Nitroimidazoles adsorption on activated carbon cloth from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013 , 401, 116-24	9.3	34
38	Growth and spontaneous differentiation of umbilical-cord stromal stem cells on activated carbon cloth. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3359-3368	7.3	4
37	Competitive adsorption of the herbicide fluroxypyr and tannic acid from distilled and tap water on activated carbons and their thermal desorption. <i>Adsorption</i> , 2012 , 18, 173-179	2.6	10
36	Activated carbon cloth as adsorbent and oxidation catalyst for the removal of amitrole from aqueous solution. <i>Adsorption</i> , 2011 , 17, 413-419	2.6	15
35	Heterogeneous and homogeneous Fenton processes using activated carbon for the removal of the herbicide amitrole from water. <i>Applied Catalysis B: Environmental</i> , 2011 , 101, 425-430	21.8	54
34	Adsorption Kinetics of Fluroxypyr Herbicide in Aqueous Solution onto Granular Activated Carbon. <i>Separation Science and Technology</i> , 2011 , 46, 1582-1590	2.5	

33	Batch and column adsorption of herbicide fluroxypyr on different types of activated carbons from water with varied degrees of hardness and alkalinity. <i>Water Research</i> , 2010 , 44, 879-85	12.5	40
32	Adsorption mechanisms of metal cations from water on an oxidized carbon surface. <i>Journal of Colloid and Interface Science</i> , 2010 , 345, 461-6	9.3	38
31	Adsorption and thermal desorption of the herbicide fluroxypyr on activated carbon fibers and cloth at different pH values. <i>Journal of Colloid and Interface Science</i> , 2009 , 331, 2-7	9.3	28
30	Activated carbon cloth as support for mesenchymal stem cell growth and differentiation to osteocytes. <i>Carbon</i> , 2009 , 47, 3574-3577	10.4	21
29	2-tert-Butylamino-4-chloro-6-ethylamino-1,3,5-triazine: a structure with ZU= 4 containing two different molecular conformations and two independent chains of hydrogen-bonded R(2)2(8) rings. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, 0463-6		1
28	Kinetics of diuron and amitrole adsorption from aqueous solution on activated carbons. <i>Journal of Hazardous Materials</i> , 2008 , 156, 472-7	12.8	58
27	Temperature dependence of the point of zero charge of oxidized and non-oxidized activated carbons. <i>Carbon</i> , 2008 , 46, 778-787	10.4	38
26	Removal of diuron and amitrole from water under static and dynamic conditions using activated carbons in form of fibers, cloth, and grains. <i>Water Research</i> , 2007 , 41, 2865-70	12.5	47
25	Effect of surface chemistry, solution pH, and ionic strength on the removal of herbicides diuron and amitrole from water by an activated carbon fiber. <i>Langmuir</i> , 2007 , 23, 1242-7	4	106
24	Temperature dependence of herbicide adsorption from aqueous solutions on activated carbon fiber and cloth. <i>Langmuir</i> , 2006 , 22, 9586-90	4	42
23	About the endothermic nature of the adsorption of the herbicide diuron from aqueous solutions on activated carbon fiber. <i>Carbon</i> , 2006 , 44, 2335-2338	10.4	40
22	A study of the static and dynamic adsorption of Zn(II) ions on carbon materials from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2005 , 288, 335-41	9.3	64
21	Cadmium ion adsorption on different carbon adsorbents from aqueous solutions. Effect of surface chemistry, pore texture, ionic strength, and dissolved natural organic matter. <i>Langmuir</i> , 2004 , 20, 8142-8 ⁴		92
20	Phenol Adsorption from Dilute Aqueous Solutions by Carbons. <i>Chimia</i> , 2003 , 57, 616-618	1.3	8
19	Ionic strength effects in aqueous phase adsorption of metal ions on activated carbons. <i>Carbon</i> , 2003 , 41, 2020-2022	10.4	51
18	Adsorption of Phenol from Dilute and Concentrated Aqueous Solutions by Activated Carbons. <i>Langmuir</i> , 2003 , 19, 9719-9723	4	50
17	Dehydration of methanol to dimethyl ether catalyzed by oxidized activated carbons with varying surface acidic character. <i>Carbon</i> , 2001 , 39, 869-875	10.4	74
16	Chemical and physical activation of olive-mill waste water to produce activated carbons. <i>Carbon</i> , 2001 , 39, 1415-1420	10.4	139

15	Micropore sizes in activated carbons determined from the Dubinin-Radushkevich equation. <i>Carbon</i> , 2001 , 39, 1115-1116	10.4	72
14	Distribution of surface oxygen complexes on activated carbons from immersion calorimetry, titration and temperature-programmed desorption techniques. <i>Carbon</i> , 2001 , 39, 2235-2237	10.4	23
13	Adsorption of Phenolic Compounds from Aqueous Solutions, by Activated Carbons, Described by the Dubinin-Astakhov Equation. <i>Langmuir</i> , 2001 , 17, 3301-3306	4	91
12	Changes in surface chemistry of activated carbons by wet oxidation. <i>Carbon</i> , 2000 , 38, 1995-2001	10.4	694
11	Specific and non-specific interactions of water molecules with carbon surfaces from immersion calorimetry. <i>Carbon</i> , 2000 , 38, 825-829	10.4	75
10	Specific and Nonspecific Interactions between Methanol and Ethanol and Active Carbons. <i>Langmuir</i> , 2000 , 16, 5967-5972	4	46
9	On the characterization of acidic and basic surface sites on carbons by various techniques. <i>Carbon</i> , 1999 , 37, 1215-1221	10.4	604
8	Determination of the Pore Size Distribution and Network Connectivity in Microporous Solids by Adsorption Measurements and Monte Carlo Simulation. <i>Langmuir</i> , 1997 , 13, 4435-4445	4	87
7	On the Carbon Dioxide and Benzene Adsorption on Activated Carbons To Study Their Micropore Structure. <i>Langmuir</i> , 1997 , 13, 5208-5210	4	18
6	Demineralization of a bituminous coal by froth flotation before obtaining activated carbons. <i>Carbon</i> , 1996 , 34, 917-921	10.4	11
5	Micropore Structure of Activated Carbons Prepared From a Spanish Subbituminous Coal Studied by CO ₂ , Benzene, and Cyclohexane Adsorption. <i>Langmuir</i> , 1995 , 11, 247-252	4	15
4	Adsorption of some substituted phenols on activated carbons from a bituminous coal. <i>Carbon</i> , 1995 , 33, 845-851	10.4	180
3	Thermal regeneration of an activated carbon exhausted with different substituted phenols. <i>Carbon</i> , 1995 , 33, 1417-1423	10.4	110
2	Applicability of the Dubinin-Radushkevich equation to carbon dioxide adsorption on activated carbons. <i>Langmuir</i> , 1993 , 9, 2758-2760	4	58
1	Activated carbons from a subbituminous coal: Pore texture and electrokinetic properties. <i>Carbon</i> , 1993 , 31, 815-819	10.4	29