

# MarÃ-a P Elizalde-GonzÃ;lez

## List of Publications by Year in descending order

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60  
papers

1,331  
citations

361413

20  
h-index

377865

34  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blue Titania: The Outcome of Defects, Crystalline-Disordered Core-Shell Structure, and Hydrophilicity Change. <i>Nanomaterials</i> , 2022, 12, 1501.	4.1	2
2	Profile of Terpenoid Compounds Mediating a Plant-Herbivore Interaction: Screening by Static Headspace Solid-Phase Microextraction-Gas Chromatography/QTOF Mass Spectrometry. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000564.	2.1	3
3	Unpredicted photocatalytic activity of clinoptilolite-mordenite natural zeolite. <i>RSC Advances</i> , 2020, 10, 39251-39260.	3.6	20
4	Behavioral and Electroantennographic Responses of Adults of Guava Weevil, <i>Conotrachelus dimidiatus</i> (Coleoptera: Curculionidae), to Synthetic Host-Associated and Conspecific Volatiles. <i>Environmental Entomology</i> , 2020, 49, 810-814.	1.4	4
5	Composite functioning as trap of photoproducts: TiO <sub>2</sub> nanobelts anchored to carbon particles. <i>Materials Chemistry and Physics</i> , 2019, 228, 15-26.	4.0	8
6	Preparation, characterization, and application of TiO <sub>2</sub> /Carbon composite: Adsorption, desorption and photocatalysis of Gd-DOTA. <i>Chemical Engineering Research and Design</i> , 2018, 120, 195-205.	5.6	12
7	<i>Conotrachelus dimidiatus</i> Champion, 1904 (Coleoptera: Curculionidae: Molytinae): morphological re-description of the immature stages, keys, tribal comparisons and biology. <i>Zootaxa</i> , 2018, 4433, 127-140.	0.5	4
8	Volatile compounds in different parts of the fruit <i>Psidium guajava</i> L. cv. 'Media China' identified at distinct phenological stages using HS-SPME-GC-QTOF/MS. <i>Phytochemical Analysis</i> , 2018, 29, 649-660.	2.4	9
9	Removal of gadolinium-based contrast agents: adsorption on activated carbon. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8164-8175.	5.3	19
10	Carbofuran degraded by iron-doped anatase: Weakening the cholinesterase inhibitory activity in the photoproducts mixture. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 538-546.	1.5	2
11	Assessment of the effectiveness of combined adsorption and photocatalysis for removal of the herbicide isoproturon. <i>Physics and Chemistry of the Earth</i> , 2016, 91, 77-86.	2.9	11
12	TiO <sub>2</sub> Immobilized on Manihot Carbon: Optimal Preparation and Evaluation of Its Activity in the Decomposition of Indigo Carmine. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1590-1612.	4.1	9
13	Photodegradation of the anthraquinonic dye Acid Green 25 by TiO <sub>2</sub> immobilized on carbonized avocado kernels: Intermediates and toxicity. <i>Applied Catalysis B: Environmental</i> , 2015, 166-167, 241-250.	20.2	15
14	Photoproducts of carminic acid formed by a composite from Manihot dulcis waste. <i>Food Chemistry</i> , 2015, 173, 725-732.	8.2	5
15	Using Akaike Information Criterion to Select the Optimal Isotherm Equation for Adsorption from Solution. <i>Adsorption Science and Technology</i> , 2014, 32, 605-622.	3.2	14
16	Influence of Ni doping on the structural, optical and textural properties of TiO <sub>2</sub> nanocrystals prepared via an ultrasound assisted sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 571-579.	2.4	9
17	Novel preparation of carbon-TiO <sub>2</sub> composites. <i>Journal of Hazardous Materials</i> , 2013, 263, 73-83.	12.4	17
18	Identification of degradation products of phenylarsonic acid and o-arsanilic acid in contact with suspensions of soils of volcanic origin. <i>Talanta</i> , 2012, 99, 310-315.	5.5	16

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19	Preparation and in situ spectroscopic characterization of Cu-clinoptilolite catalysts for the oxidative carbonylation of methanol. <i>Microporous and Mesoporous Materials</i> , 2012, 164, 93-98.	4.4	7
20	Formation of Sulfonyl Aromatic Alcohols by Electrolysis of a Bisazo Reactive Dye. <i>Molecules</i> , 2012, 17, 14377-14392.	3.8	5
21	Bulk and surface analysis of $Ti_{1-x}Fe_xO_{2+3}$ composites prepared by solid state reaction for photocatalytic applications. <i>Surface and Interface Analysis</i> , 2012, 44, 484-490.	1.8	9
22	Electrochemical reduction and oxidation pathways for Reactive Black 5 dye using nickel electrodes in divided and undivided cells. <i>Electrochimica Acta</i> , 2012, 59, 140-149.	5.2	82
23	Identification of roxarsone metabolites produced in the system: Soil-chlorinated water-light by using HPLC-ICP-MS/ESI-MS, HPLC-ESI-MS/MS and High Resolution Mass Spectrometry (ESI-TOF-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 171-177.	3.0	18
24	Retention of phenylarsenicals in soils derived from volcanic materials. <i>Journal of Hazardous Materials</i> , 2011, 186, 1328-1334.	12.4	11
25	Electrosynthesis of $Ni(OH)_2$ and Electrochemical Response of $Ni(OH)_2/CB-PVC$ Composite Electrode. <i>ECS Transactions</i> , 2011, 36, 299-310.	0.5	5
26	Characterization of Manihot residues and preparation of activated carbon. <i>Biomass and Bioenergy</i> , 2010, 34, 389-395.	5.7	6
27	Application of a Taguchi L16 orthogonal array for optimizing the removal of Acid Orange 8 using carbon with a low specific surface area. <i>Chemical Engineering Journal</i> , 2010, 163, 55-61.	12.7	60
28	Detection of arsenic-containing hydrocarbons in canned cod liver tissue. <i>Talanta</i> , 2010, 82, 38-43.	5.5	69
29	Guava seed as an adsorbent and as a precursor of carbon for the adsorption of acid dyes. <i>Bioresource Technology</i> , 2009, 100, 2111-2117.	9.6	37
30	Degradation of immobilized azo dyes by <i>Klebsiella</i> sp. UAP-b5 isolated from maize bioadsorbent. <i>Journal of Hazardous Materials</i> , 2009, 161, 769-774.	12.4	24
31	Removal of acid orange 7 by guava seed carbon: A four parameter optimization study. <i>Journal of Hazardous Materials</i> , 2009, 168, 515-522.	12.4	57
32	Study of the thermal degradation of citrus seeds. <i>Biomass and Bioenergy</i> , 2009, 33, 1295-1299.	5.7	25
33	Performance of mango seed adsorbents in the adsorption of anthraquinone and azo acid dyes in single and binary aqueous solutions. <i>Bioresource Technology</i> , 2009, 100, 6199-6206.	9.6	65
34	Use of Wide-Pore Carbons to Examine Intermolecular Interactions during the Adsorption of Anthraquinone Dyes from Aqueous Solution. <i>Adsorption Science and Technology</i> , 2009, 27, 447-459.	3.2	3
35	Investigation of the degradation of arsenobetaine during its contact with natural zeolites and the identification of metabolites using HPLC coupled with ICP-MS and ESI-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1707-1715.	3.7	10
36	In situ and ex situ study of the enhanced modification with iron of clinoptilolite-rich zeolitic tuff for arsenic sorption from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 527-536.	9.4	40

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37	Chemically modified maize cobs waste with enhanced adsorption properties upon methyl orange and arsenic. <i>Bioresource Technology</i> , 2008, 99, 5134-5139.	9.6	42
38	Transformation of Arsenobetaine and Growth of Bacteria on Zeolitic Tuffs. <i>Engineering in Life Sciences</i> , 2008, 8, 575-581.	3.6	3
39	Effect of Cooking Processes on the Contents of Two Bioactive Carotenoids in <i>Solanum lycopersicum</i> Tomatoes and <i>Physalis ixocarpa</i> and <i>Physalis philadelphica</i> Tomatillos. <i>Molecules</i> , 2007, 12, 1829-1835.	3.8	11
40	Characterization of mango pit as raw material in the preparation of activated carbon for wastewater treatment. <i>Biochemical Engineering Journal</i> , 2007, 36, 230-238.	3.6	83
41	Interaction between organic vapors and clinoptilolite "mordenite rich tuffs in parent, decationized, and lead exchanged forms. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 317-325.	9.4	7
42	Characterization of adsorbent materials prepared from avocado kernel seeds: Natural, activated and carbonized forms. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 78, 185-193.	5.5	85
43	Characterization of an adsorbent prepared from maize waste and adsorption of three classes of textile dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 278, 89-97.	4.7	21
44	Chromatographic and electrochemical determination of quercetin and kaempferol in phytopharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 239-249.	2.8	30
45	Arsenic Speciation Analysis in Solutions Treated with Zeolites. <i>Mikrochimica Acta</i> , 2005, 151, 257-262.	5.0	9
46	Validating the use of CarboPack C for chromatographic studies: morphological, crystallographic, spectroscopic and adsorption characterization. <i>Materials Chemistry and Physics</i> , 2004, 85, 347-352.	4.0	8
47	Contamination by PAHs, PCBs, PCPs and heavy metals in the mecoñin lake estuarine water and sediments after oil spilling. <i>Journal of Soils and Sediments</i> , 2003, 3, 35-40.	3.0	19
48	Application of inverse gas chromatography in the study of the adsorption properties of natural, dealuminated and lead exchanged zeolitic tuffs. <i>Chromatographia</i> , 2003, 57, S225-S228.	1.3	2
49	Removal of textile dyes from aqueous solutions by adsorption on biodegradable wastes. <i>Environmental Technology (United Kingdom)</i> , 2003, 24, 821-829.	2.2	33
50	Behaviour of organoarsenic compounds in contact with natural zeolites. <i>Applied Organometallic Chemistry</i> , 2002, 16, 9-16.	3.5	8
51	Application of natural zeolites for preconcentration of arsenic species in water samples. <i>Journal of Environmental Monitoring</i> , 2001, 3, 22-26.	2.1	48
52	Uptake of arsenite and arsenate by clinoptilolite-rich tuffs. <i>Microporous and Mesoporous Materials</i> , 2001, 46, 277-286.	4.4	91
53	Removal of metal ions from aqueous solution by adsorption on the natural adsorbent CACMM2. <i>Journal of Chromatography A</i> , 2001, 938, 237-242.	3.7	17
54	Electrochemical treatment of textile dyes and their analysis by high-performance liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , 2000, 889, 253-259.	3.7	25

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55	Gas chromatographic characterization of the adsorption properties of the natural adsorbent CACMM2. <i>Journal of Chromatography A</i> , 1999, 845, 373-379.	3.7	25
56	Retention system, thermodynamic properties and structure correlations of environmental analytes. <i>Chromatographia</i> , 1999, 49, 385-390.	1.3	0
57	Stability and determination of aflatoxins by high-performance liquid chromatography with amperometric detection. <i>Journal of Chromatography A</i> , 1998, 828, 439-444.	3.7	25
58	Water and dye adsorption properties of cactaceous material. <i>Journal of Materials Science Letters</i> , 1997, 16, 1145-1147.	0.5	6
59	HPLC study of the adsorption from solutions on two silicagels. <i>Chromatographia</i> , 1997, 46, 183-190.	1.3	2
60	Retention index system, adsorption characteristics, and structure correlations of polycyclic aromatic hydrocarbons in fuels. <i>Journal of High Resolution Chromatography</i> , 1996, 19, 345-352.	1.4	19