

# MarÃ-a Elena PÃ;ez-HernÃ;ndez

## List of Publications by Year in descending order

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32  
papers

2,092  
citations

759233

12  
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552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remediation of Contaminated Waters with Microplastics. , 2022, , 1203-1235.		0
2	Selective Pb(II)-Imprinted Polymer for Solid Phase Extraction in the Trace Determination of Lead in Infant Formula by Capillary Electrophoresis. Journal of the Mexican Chemical Society, 2022, 66, .	0.6	1
3	Biosensores multienzimáticos para el análisis multiparamétrico con un solo dispositivo. P. Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2021, 8, 42-47.	0.0	0
4	Remediation of Contaminated Waters with Microplastics. , 2020, , 1-33.		1
5	Selective removal of tetracycline residue in milk samples using a molecularly imprinted polymer. Journal of Polymer Research, 2020, 27, 1.	2.4	14
6	Optimized Quantification of Naproxen Based on DPV and a Multiwalled MWCNT-Carbon Paste Electrode. Journal of the Electrochemical Society, 2020, 167, 166510.	2.9	7
7	Estudios preliminares del transporte de rojo 40 a través de una membrana híbrida. P. Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2020, 8, 112-116.	0.0	0
8	Removal and confinement of Hg(II) by polyurethane foam functionalized with potassium O-ethylthiocarbonate. International Journal of Environmental Science and Technology, 2019, 16, 1005-1014.	3.5	7
9	Development of Cellulose Acetate Microcapsules with Cyanex 923 for Phenol Removal from Aqueous Media. Journal of Chemistry, 2018, 2018, 1-8.	1.9	2
10	Evaluation of activated composite membranes for the facilitated transport of phenol. E-Polymers, 2018, 18, 313-319.	3.0	2
11	Evaluación de una metodología de coagulación: ácido hémico-arsénico en presencia de Fe <sup>3+</sup> por potencial zeta. Tópicos De Investigación En Ciencias De La Tierra Y Materiales, 2018, 5, 148-154.	0.0	0
12	Application of Artificial Neural Networks for the Voltammetry Quantification of Diclofenac Using a Carbon-Paste Electrode with Carbon Nanotubes. ECS Transactions, 2017, 76, 19-27.	0.5	0
13	Taking advantage of CTAB micelles for the simultaneous electrochemical quantification of diclofenac and acetaminophen in aqueous media. RSC Advances, 2017, 7, 40401-40410.	3.6	5
14	Chromium(VI) Removal from Aqueous Solution by Magnetite Coated by a Polymeric Ionic Liquid-Based Adsorbent. Materials, 2017, 10, 502.	2.9	12
15	Voltammetric determination of ibuprofen using a carbon paste “multiwalled carbon nanotube composite electrode. Instrumentation Science and Technology, 2016, 44, 483-494.	1.8	12
16	Evaluation of the use of solvent impregnated resins in the analysis of salbutamol in human urine followed by capillary electrophoresis. Reactive and Functional Polymers, 2016, 105, 89-94.	4.1	2
17	Application of an Activated Carbon-Based Support for Magnetic Solid Phase Extraction Followed by Spectrophotometric Determination of Tartrazine in Commercial Beverages. International Journal of Analytical Chemistry, 2015, 2015, 1-8.	1.0	19
18	Development of a Silver/Silver Ibuprofenate Potentiometric Sensor for Ibuprofen Quantification in Pharmaceutical Products. ECS Transactions, 2015, 64, 57-64.	0.5	2

#	ARTICLE	IF	CITATIONS
19	New Insights on Naproxen Quantification Using Voltammetry and Graphite Electrodes: Development of an Optimized and Competitive Methodology. ECS Transactions, 2015, 64, 79-89.	0.5	4
20	Purification of Anthocyanins with o-Dihydroxy Arrangement by Sorption in Cationic Resins Charged with Fe(III). Journal of Chemistry, 2014, 2014, 1-9.	1.9	9
21	Earliest Results in the Use of Activated Composite Membranes for the Transport of Silver Ions from Aqueous Solutions. Journal of Chemistry, 2014, 2014, 1-5.	1.9	1
22	Voltammetric Analysis of Naproxen in Graphite Electrodes and Its Determination in Pharmaceutical Samples. Electroanalysis, 2014, 26, 1573-1581.	2.9	19
23	Solid-contact Hg(II)-selective electrode based on a carbon-epoxy composite containing a new dithiophosphate-based ionophore. Talanta, 2013, 114, 235-242.	5.5	10
24	Selective Liquid-Liquid Extraction of Mercury(II) from Aqueous Solution by N-Alkyldithiophosphate Compounds $CH_3(CH_2)_nS_2P(O)_6H_4$ (n=1, 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100) Tj ETQq0	2.5	1
25	Phenol Removal Process Development from Synthetic Wastewater Solutions Using a Polymer Inclusion Membrane. Industrial & Engineering Chemistry Research, 2013, 52, 4919-4923.	3.7	18
26	Determination of oxytetracycline in milk samples by polymer inclusion membrane separation coupled to high performance liquid chromatography. Analytica Chimica Acta, 2012, 718, 42-46.	5.4	44
27	Characterization of Main Anthocyanins Extracted from Pericarp Blue Corn by MALDI-ToF MS. Food Analytical Methods, 2010, 3, 12-16.	2.6	8
28	Potentiometric quantification of saccharin by using a selective membrane formed by pyrrole electropolymerization. Food Chemistry, 2010, 120, 1250-1254.	8.2	17
29	Chemical studies of anthocyanins: A review. Food Chemistry, 2009, 113, 859-871.	8.2	1,792
30	cis-Palladium(II) complexes of derivatives of di-(2-pyridyl)methane: Study of the influence of the bridge group in the coordination mode. Polyhedron, 2007, 26, 4825-4832.	2.2	16
31	Mercury Ions Removal from Aqueous Solution Using an Activated Composite Membrane. Environmental Science & Technology, 2005, 39, 7667-7670.	10.0	46
32	Facilitated transport of Hg(II) through novel activated composite membranes. Analytical and Bioanalytical Chemistry, 2004, 380, 690-697.	3.7	18