

# 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  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3232  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Chemical studies of anthocyanins: A review. <i>Food Chemistry</i> , 2009, 113, 859-871.  | 8.2  | 1,792     |
| 2  | Mercury Ions Removal from Aqueous Solution Using an Activated Composite Membrane. <i>Environmental Science &amp; Technology</i> , 2005, 39, 7667-7670.   | 10.0 | 46        |
| 3  | Determination of oxytetracycline in milk samples by polymer inclusion membrane separation coupled to high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2012, 718, 42-46.   | 5.4  | 44        |
| 4  | Voltammetric Analysis of Naproxen in Graphite Electrodes and Its Determination in Pharmaceutical Samples. <i>Electroanalysis</i> , 2014, 26, 1573-1581.  | 2.9  | 19        |
| 5  | Application of an Activated Carbon-Based Support for Magnetic Solid Phase Extraction Followed by Spectrophotometric Determination of Tartrazine in Commercial Beverages. <i>International Journal of Analytical Chemistry</i> , 2015, 2015, 1-8. | 1.0  | 19        |
| 6  | Facilitated transport of Hg(II) through novel activated composite membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 690-697.   | 3.7  | 18        |
| 7  | Phenol Removal Process Development from Synthetic Wastewater Solutions Using a Polymer Inclusion Membrane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 4919-4923.   | 3.7  | 18        |
| 8  | Potentiometric quantification of saccharin by using a selective membrane formed by pyrrole electropolymerization. <i>Food Chemistry</i> , 2010, 120, 1250-1254.  | 8.2  | 17        |
| 9  | cis-Palladium(II) complexes of derivatives of di-(2-pyridyl)methane: Study of the influence of the bridge group in the coordination mode. <i>Polyhedron</i> , 2007, 26, 4825-4832.   | 2.2  | 16        |
| 10 | Selective removal of tetracycline residue in milk samples using a molecularly imprinted polymer. <i>Journal of Polymer Research</i> , 2020, 27, 1.   | 2.4  | 14        |
| 11 | Voltammetric determination of ibuprofen using a carbon paste "multiwalled carbon nanotube composite electrode. <i>Instrumentation Science and Technology</i> , 2016, 44, 483-494.  | 1.8  | 12        |
| 12 | Chromium(VI) Removal from Aqueous Solution by Magnetite Coated by a Polymeric Ionic Liquid-Based Adsorbent. <i>Materials</i> , 2017, 10, 502.  | 2.9  | 12        |
| 13 | Solid-contact Hg(II)-selective electrode based on a carbon-epoxy composite containing a new dithiophosphate-based ionophore. <i>Talanta</i> , 2013, 114, 235-242.  | 5.5  | 10        |
| 14 | Purification of Anthocyanins with o-Dihydroxy Arrangement by Sorption in Cationic Resins Charged with Fe(III). <i>Journal of Chemistry</i> , 2014, 2014, 1-9.  | 1.9  | 9         |
| 15 | Characterization of Main Anthocyanins Extracted from Pericarp Blue Corn by MALDI-ToF MS. <i>Food Analytical Methods</i> , 2010, 3, 12-16.  | 2.6  | 8         |
| 16 | Removal and confinement of Hg(II) by polyurethane foam functionalized with potassium O-ethylthiocarbonate. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1005-1014.   | 3.5  | 7         |
| 17 | Optimized Quantification of Naproxen Based on DPV and a Multiwalled MWCNT-Carbon Paste Electrode. <i>Journal of the Electrochemical Society</i> , 2020, 167, 166510.   | 2.9  | 7         |
| 18 | Taking advantage of CTAB micelles for the simultaneous electrochemical quantification of diclofenac and acetaminophen in aqueous media. <i>RSC Advances</i> , 2017, 7, 40401-40410.  | 3.6  | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Selective Liquid-Liquid Extraction of Mercury(II) from Aqueous Solution by N-Alkyldithiophosphate Compounds<br>$CH_3(CH_2)_nS_2P(O)(C_6H_4)_2$ (n=0) Tj ETQ  | 2.5 | 4         |
| 20 | 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         |
| 21 | Development of a Silver/Silver Ibuprofenate Potentiometric Sensor for Ibuprofen Quantification in Pharmaceutical Products. ECS Transactions, 2015, 64, 57-64.  | 0.5 | 2         |
| 22 | 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         |
| 23 | Development of Cellulose Acetate Microcapsules with Cyanex 923 for Phenol Removal from Aqueous Media. Journal of Chemistry, 2018, 2018, 1-8.   | 1.9 | 2         |
| 24 | Evaluation of activated composite membranes for the facilitated transport of phenol. E-Polymers, 2018, 18, 313-319.  | 3.0 | 2         |
| 25 | 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         |
| 26 | Remediation of Contaminated Waters with Microplastics. , 2020, , 1-33.   |     | 1         |
| 27 | 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         |
| 28 | 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         |
| 29 | Biosensores multienzimáticos para el análisis multiparamétrico con un solo dispositivo. P&D Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2021, 8, 42-47.                                 | 0.0 | 0         |
| 30 | Estudios preliminares del transporte de rojo 40 a través de una membrana híbrida. P&D Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2020, 8, 112-116.                                     | 0.0 | 0         |
| 31 | Remediation of Contaminated Waters with Microplastics. , 2022, , 1203-1235.  |     | 0         |
| 32 | Evaluación de una metodología de coagulación: ácido húmico-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         |