# A Fernando Silva

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5426321/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 127 papers | 4,064 citations | 101496 36 h-index | 149623 56 g-index |
| 128 all docs | 128 docs citations | 128 times ranked | 4817 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The effect of additives on zinc electrodeposition from deep eutectic solvents. Electrochimica Acta, 2011, 56, 5272-5279. | 2.6 | 186 |
| 2 | The electrical double layer at the [BMIM][PF6] ionic liquid/electrode interface â€“ Effect of temperature on the differential capacitance. Journal of Electroanalytical Chemistry, 2008, 622, 153-160. | 1.9 | 149 |
| 3 | Gold Nanowire Networks: Synthesis, Characterization, and Catalytic Activity. Langmuir, 2011, 27, 3906-3913. | 1.6 | 135 |
| 4 | Double layer effects on metal nucleation in deep eutectic solvents. Physical Chemistry Chemical Physics, 2011, 13, 10224. | 1.3 | 134 |
| 5 | Long time effect on the stability of silver nanoparticles in aqueous medium: Effect of the synthesis and storage conditions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 364, 19-25. | 2.3 | 132 |
| 6 | Unbreakable Solid-Phase Microextraction Fibers Obtained by Solâ^'Gel Deposition on Titanium Wire. Analytical Chemistry, 2006, 78, 2071-2074. | 3.2 | 115 |
| 7 | Differential capacity of a deep eutectic solvent based on choline chloride and glycerol on solid electrodes. Electrochimica Acta, 2009, 54, 2630-2634. | 2.6 | 111 |
| 8 | Copperâ€induced stress in <scp>S</scp>olanum nigrum L. and antioxidant defense system responses. Food and Energy Security, 2013, 2, 70-80. | 2.0 | 105 |
| 9 | Electrochemical Characterization of Polyelectrolyte/Gold Nanoparticle Multilayers Self-Assembled on Gold Electrodes. Journal of Physical Chemistry B, 2005, 109, 21808-21817. | 1.2 | 98 |
| 10 | Electrochemical Impedance Spectroscopy of Polyelectrolyte Multilayer Modified Electrodes. Journal of Physical Chemistry B, 2004, 108, 17973-17982. | 1.2 | 84 |
| 11 | Double layer in room temperature ionic liquids: influence of temperature and ionic size on the differential capacitance and electrocapillary curves. Physical Chemistry Chemical Physics, 2010, 12, 11125. | 1.3 | 73 |
| 12 | Catalytic Effect of Gold Nanoparticles Self-Assembled in Multilayered Polyelectrolyte Films. Journal of Physical Chemistry C, 2007, 111, 9255-9266. | 1.5 | 71 |
| 13 | Molecularly imprinted polymer SPE sensor for analysis of CA-125 on serum. Analytica Chimica Acta, 2019, 1082, 126-135. | 2.6 | 71 |
| 14 | Electrochemical studies of metallic chromium electrodeposition from a Cr(III) bath. Journal of Electroanalytical Chemistry, 2013, 707, 52-58. | 1.9 | 66 |
| 15 | Tin electrodeposition from choline chloride based solvent: Influence of the hydrogen bond donors. Journal of Electroanalytical Chemistry, 2013, 703, 80-87. | 1.9 | 65 |
| 16 | Electrochemical double layer at the interfaces of Hg/choline chloride based solvents. Electrochimica Acta, 2010, 55, 8916-8920. | 2.6 | 61 |
| 17 | Evaluation of the lipophilic properties of opioids, amphetamine-like drugs, and metabolites through electrochemical studies at the interface between two immiscible solutions. Analytical Biochemistry, 2007, 361, 236-243. | 1.1 | 59 |
| 18 | Electrodeposition of Zinc from Choline Chloride-Ethylene Glycol Deep Eutectic Solvent: Effect of the Tartrate Ion. Journal of the Electrochemical Society, 2012, 159, D501-D506. | 1.3 | 56 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sarcosine oxidase composite screen-printed electrode for sarcosine determination in biological samples. Analytica Chimica Acta, 2014, 850, 26-32. | 2.6 | 56 |
| 20 | Voltammetric determination of paraquat at DNAâ€“gold nanoparticle composite electrodes. Electrochimica Acta, 2010, 55, 7892-7896. | 2.6 | 55 |
| 21 | The requisite level of theory for the computational design of molecularly imprinted silica xerogels. Biosensors and Bioelectronics, 2008, 23, 1843-1849. | 5.3 | 52 |
| 22 | Electrochemical Study of the Anticancer Drug Daunorubicin at a Water/Oil Interface: Drug Lipophilicity and Quantification. Analytical Chemistry, 2013, 85, 1582-1590. | 3.2 | 52 |
| 23 | Influence of the extraction process on the rheological and structural properties of agars. Carbohydrate Polymers, 2013, 96, 163-171. | 5.1 | 52 |
| 24 | Electrochemical Impedance Spectroscopy of Polyelectrolyte Multilayer Modified Gold Electrodes:Â Influence of Supporting Electrolyte and Temperature. Langmuir, 2005, 21, 7461-7467. | 1.6 | 51 |
| 25 | Dimethylformamide-mediated synthesis of water-soluble platinum nanodendrites for ethanol oxidation electrocatalysis. Nanoscale, 2013, 5, 4776. | 2.8 | 51 |
| 26 | Zinc Electrodeposition from deep eutectic solvent containing organic additives. Journal of Electroanalytical Chemistry, 2017, 801, 545-551. | 1.9 | 51 |
| 27 | Biodegradable deep-eutectic mixtures as electrolytes for the electrochemical synthesis of conducting polymers. Journal of Applied Electrochemistry, 2012, 42, 997-1003. | 1.5 | 46 |
| 28 | Differential capacitance of liquid/liquid interfaces: effect of electrolytes present in each phase. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 143. | 1.7 | 45 |
| 29 | Electrosynthesis of Polyaniline from Choline-Based Deep Eutectic Solvents: Morphology, Stability and Electrochromism. Journal of the Electrochemical Society, 2012, 159, G97-G105. | 1.3 | 45 |
| 30 | Selective Permeation of a Liquidlike Self-Assembled Monolayer of 11-Amino-1-undecanethiol on Polycrystalline Gold by Highly Charged Electroactive Probes. Journal of Physical Chemistry C, 2007, 111, 5351-5362. | 1.5 | 42 |
| 31 | Ultrasound-assisted preparation of size-controlled chitosan nanoparticles: Characterization and fabrication of transparent biofilms. Food Hydrocolloids, 2013, 31, 227-236. | 5.6 | 41 |
| 32 | Ultrathin phenyl-functionalized solid phase microextraction fiber coating developed by solâ€“gel deposition. Journal of Chromatography A, 2005, 1069, 163-172. | 1.8 | 40 |
| 33 | Amperometric Glucose Biosensor Based on Assisted Ion Transfer through Gel-Supported Microinterfaces. Analytical Chemistry, 2004, 76, 5547-5551. | 3.2 | 39 |
| 34 | The electrical double layer at the ionic liquid/Au and Pt electrode interface. RSC Advances, 2014, 4, 28914-28921. | 1.7 | 39 |
| 35 | Charge Storage on Ionic Liquid Electric Double Layer: The Role of the Electrode Material. Electrochimica Acta, 2015, 167, 421-428. | 2.6 | 37 |
| 36 | Enantiomeric electro-oxidation of d- and l-glucose on chiral gold single crystal surfaces. Electrochemistry Communications, 2003, 5, 741-746. | 2.3 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Adsorption of Glucose Oxidase at Organicâ˜Aqueous and Airâ˜Aqueous Interfaces. Langmuir, 2003, 19, 4977-4984. | 1.6 | 36 |
| 38 | A Comparative Study of the Anion Transfer Kinetics Across a Water/Nitrobenzene Interface by Means of Electrochemical Impedance Spectroscopy and Square-Wave Voltammetry at Thin Organic Film-Modified Electrodes. Langmuir, 2006, 22, 3404-3412. | 1.6 | 36 |
| 39 | Preparation and characterization of DNA films using oleylamine modified Au surfaces. Journal of Colloid and Interface Science, 2011, 358, 626-634. | 5.0 | 36 |
| 40 | Znâ€“Sn electrodeposition from deep eutectic solvents containing EDTA, HEDTA, and Idranal VII. Journal of Applied Electrochemistry, 2012, 42, 561-571. | 1.5 | 36 |
| 41 | Pulse Amperometric Detection of Salt Concentrations by Flow Injection Analysis Using Ionodes. Analytical Chemistry, 2000, 72, 5562-5566. | 3.2 | 34 |
| 42 | Solid-phase microextraction Niâ€“Ti fibers coated with functionalised silica particles immobilized in a solâ€“gel matrix. Journal of Chromatography A, 2009, 1216, 2302-2306. | 1.8 | 34 |
| 43 | Amperometric tape ion sensors for cadmium(II) ion analysis. Talanta, 2009, 78, 66-70. | 2.9 | 33 |
| 44 | Surface Modification Chemistry Based on the Electrostatic Adsorption of Poly-l-arginine onto Alkanethiol Modified Gold Surfaces. Langmuir, 2003, 19, 10324-10331. | 1.6 | 32 |
| 45 | Electrochemical Study of Interfacial Composite Nanostructures:Â Polyelectrolyte/Gold Nanoparticle Multilayers Assembled on Phospholipid/Dextran Sulfate Monolayers at a Liquidâ˜Liquid Interface. Journal of Physical Chemistry B, 2005, 109, 20105-20114. | 1.2 | 32 |
| 46 | Surface structural effects on specific adsorption of oxoanions on gold single crystal electrodes. Journal of Electroanalytical Chemistry, 1999, 467, 335-341. | 1.9 | 31 |
| 47 | Size-Dependent Electrochemical Properties of Gold Nanorods. Journal of Physical Chemistry C, 2009, 113, 13077-13087. | 1.5 | 30 |
| 48 | Electrochemical study of dopamine and noradrenaline at the water/1,6-dichlorohexane interface. Physical Chemistry Chemical Physics, 2010, 12, 15190. | 1.3 | 29 |
| 49 | Conducting polymers with attached platinum nanoparticles towards the development of DNA biosensors. Electrochemistry Communications, 2011, 13, 993-996. | 2.3 | 29 |
| 50 | A layered nanocomposite of laccase, chitosan, and Fe3O4 nanoparticles-reduced graphene oxide for the nanomolar electrochemical detection of bisphenol A. Mikrochimica Acta, 2020, 187, 262. | 2.5 | 27 |
| 51 | Ag+ transfer across the water/1,2-dichloroethane interface facilitated by complex formation with tetraphenylborate derivatives. Electrochimica Acta, 2004, 49, 263-270. | 2.6 | 26 |
| 52 | Imidazolium-based functional monomers for the imprinting of the anti-inflammatory drug naproxen: Comparison of acrylic and solâ€“gel approaches. Journal of Chromatography A, 2013, 1314, 115-123. | 1.8 | 26 |
| 53 | An improved bonded-polydimethylsiloxane solid-phase microextraction fiber obtained by a solâ€“gel/silica particle blend. Analytica Chimica Acta, 2008, 610, 205-210. | 2.6 | 25 |
| 54 | Solanum nigrum L. weed plants as a remediation tool for metalaxyl-polluted effluents and soils. Chemosphere, 2011, 85, 744-750. | 4.2 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Metalaxyl-induced changes in the antioxidant metabolism of Solanum nigrum L. suspension cells. Pesticide Biochemistry and Physiology, 2013, 107, 235-243. | 1.6 | 25 |
| 56 | Electric double layer studies at the interface of mercuryâ€“binary ionic liquid mixtures with a common anion. RSC Advances, 2013, 3, 11697. | 1.7 | 25 |
| 57 | Electro-assisted solvent extraction of Cu2+, Ni2+ and Cd2+. Electrochimica Acta, 1998, 44, 29-38. | 2.6 | 24 |
| 58 | Density-Dependent Electrochemical Properties of Vertically Aligned Gold Nanorods. Journal of Physical Chemistry C, 2010, 114, 9478-9488. | 1.5 | 24 |
| 59 | Attachment of noble metal nanoparticles to conducting polymers containing sulphur â€“ preparation conditions for enhanced electrocatalytic activity. Electrochimica Acta, 2011, 56, 3567-3574. | 2.6 | 24 |
| 60 | Electrochemical sensing of ammonium ion at the water/1,6-dichlorohexane interface. Talanta, 2012, 88, 54-60. | 2.9 | 24 |
| 61 | Electrochemistry of 2,8-dithia[9],(2,9)-1,10-phenanthrolinophane (L) at the polarized water/1,2-dichloroethane interface: Evaluation of the complexation properties towards transition and post-transition metal ions. Journal of Electroanalytical Chemistry, 2006, 587, 155-160. | 1.9 | 23 |
| 62 | Enhancement of differential double layer capacitance and charge accumulation by tuning the composition of ionic liquids mixtures. Electrochimica Acta, 2018, 261, 214-220. | 2.6 | 23 |
| 63 | In vitrobehaviour of nanocrystalline silver-sputtered thin films. Nanotechnology, 2007, 18, 105103. | 1.3 | 22 |
| 64 | Structural ordering transitions in ionic liquids mixtures. Electrochemistry Communications, 2015, 57, 10-13. | 2.3 | 22 |
| 65 | Electrodeposition of Co and Co composites with carbon nanotubes using choline chloride-based ionic liquids. Surface and Coatings Technology, 2017, 324, 451-462. | 2.2 | 22 |
| 66 | Studies on the interactions between bovine Î²-lactoglobulin and chitosan at the solidâ€“liquid interface. Electrochimica Acta, 2010, 55, 8779-8790. | 2.6 | 21 |
| 67 | Capacitance and ionic association at the electrified oilâˆ£water interface: the effect of the oil phase composition. Journal of Electroanalytical Chemistry, 2001, 509, 148-154. | 1.9 | 20 |
| 68 | A new cleaning methodology for efficient Au-SAM removal. Electrochimica Acta, 2008, 53, 7681-7689. | 2.6 | 20 |
| 69 | Coupling of Cyclic Voltammetry and Electrochemical Impedance Spectroscopy for Probing the Thermodynamics of Facilitated Ion Transfer Reactions Exhibiting Chemical Kinetic Hindrances. Journal of Physical Chemistry C, 2008, 112, 153-161. | 1.5 | 20 |
| 70 | The Effect of Complex Agents on the Electrodeposition of Tin from Deep Eutectic Solvents. ECS Electrochemistry Letters, 2012, 1, D5-D7. | 1.9 | 19 |
| 71 | Aggregation-induced conformational transitions in bovine Î²-lactoglobulin adsorbed onto open chitosan structures. Soft Matter, 2012, 8, 1190-1201. | 1.2 | 19 |
| 72 | Catanionic surfactant films at the airâ€“water interface. Thin Solid Films, 2006, 515, 2031-2037. | 0.8 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Surface-Structure-Sensitive Adsorption of Adenine on Gold Electrodes. ChemPhysChem, 2005, 6, 1056-1060. | 1.0 | 17 |
| 74 | Shaping the molecular assemblies of native and alkali-modified agars in dilute and concentrated aqueous media via microwave-assisted extraction. Soft Matter, 2013, 9, 3131. | 1.2 | 17 |
| 75 | A voltammetric study of a surface phase transformation of adsorbed HPO42â^' anion on Au(111) in the presence of Na+ cations. Journal of Electroanalytical Chemistry, 1994, 375, 395-399. | 1.9 | 16 |
| 76 | Voltammetric Insights in the Transfer of Ionizable Drugs Across Biomimetic Membranes - Recent Achievements. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 514-526. | 0.6 | 16 |
| 77 | Immobilization of Î²-cyclodextrin on gold surfaces by chemical derivatization of an 11-amino-1-undecanthiol self-assembled monolayer. Electrochimica Acta, 2009, 55, 90-103. | 2.6 | 16 |
| 78 | Ion transport through polyelectrolyte multilayers under steady-state conditions. Journal of Electroanalytical Chemistry, 2004, 569, 111-119. | 1.9 | 15 |
| 79 | Synthesis and characterization of a poly(ethylene glycol) prepolymer to be applied as a bioadhesive. Journal of Applied Polymer Science, 2007, 105, 593-601. | 1.3 | 15 |
| 80 | Photo-Fenton plus Solanum nigrum L. weed plants integrated process for the abatement of highly concentrated metalaxyl on waste waters. Chemical Engineering Journal, 2012, 184, 213-220. | 6.6 | 15 |
| 81 | Dicationic Ionic Liquid: Insight in the Electrical Double Layer Structure at mercury, glassy carbon and gold surfaces. Electrochimica Acta, 2014, 116, 306-313. | 2.6 | 15 |
| 82 | Electrochemistry of the Interaction between Bioactive Drugs Daunorubicin and Dopamine and DNA at a Water/Oil Interface. Electrochimica Acta, 2015, 180, 687-694. | 2.6 | 15 |
| 83 | Electrochemical Study of Ion Transfer of Acetylcholine Across the Interface of Water and a Lipid-Modified 1,2-Dichloroethane. Journal of Physical Chemistry B, 2005, 109, 12549-12559. | 1.2 | 14 |
| 84 | Probing the Organization of Charged Self-Assembled Monolayers by Using the Effects of pH, Time, Electrolyte Anion, and Temperature, on the Charge Transfer of Electroactive Probes. Journal of Physical Chemistry C, 2009, 113, 2405-2416. | 1.5 | 14 |
| 85 | Molecular Dynamics Simulations of Pregelification Mixtures for the Production of Imprinted Xerogels. Langmuir, 2011, 27, 5062-5070. | 1.6 | 14 |
| 86 | Measurement artifacts identified in the UVâ€“vis spectroscopic study of adduct formation within the context of molecular imprinting of naproxen. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 661-668. | 2.0 | 13 |
| 87 | Analysis of adsorption of phospholipids at the 1,2-dichloroethane/water interface by electrochemical impedance spectroscopy: A study of the effect of the saturated alkyl chain. Journal of Electroanalytical Chemistry, 2007, 599, 367-375. | 1.9 | 12 |
| 88 | Electrochemical and Morphological Characterization of New Architectures Containing Self-Assembled Monolayers and Au-NPs. Journal of Physical Chemistry C, 2010, 114, 7710-7716. | 1.5 | 12 |
| 89 | Influence of Amines on the Electrodeposition of Zn-Ni Alloy from a Eutectic-Type Ionic Liquid. Journal of the Electrochemical Society, 2015, 162, D325-D330. | 1.3 | 12 |
| 90 | Role of the anion on the Interfacial Structure of Ionic Liquids Binary Mixtures at Mercury Interfaces. Electrochimica Acta, 2016, 195, 150-157. | 2.6 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Parameters of n-hexanol adsorption on Au (111). Comparison between differential capacity and chronocoulometry results. Electrochimica Acta, 1999, 45, 775-787. | 2.6 | 11 |
| 92 | Effect of Nonionic Surfactants on Interfacial Electron Transfer at the Liquid/Liquid Interface. Langmuir, 2001, 17, 8348-8354. | 1.6 | 11 |
| 93 | Adsorptionâ€“Penetration Studies of Glucose Oxidase into Phospholipid Monolayers at the 1,2-Dichloroethane/Water Interface. ChemPhysChem, 2007, 8, 1540-1547. | 1.0 | 11 |
| 94 | Recognitive nano-thin-film composite beads for the enantiomeric resolution of the metastatic breast cancer drug aminoglutethimide. Journal of Chromatography A, 2014, 1358, 93-101. | 1.8 | 11 |
| 95 | Specific adsorption of tetraalkylammonium cations on the 1,2-dicloroethane/water interface. Electrochimica Acta, 2004, 50, 135-139. | 2.6 | 10 |
| 96 | Chitosanbiopolymerâ€“F(abâ€²)2immunoconjugate films for enhanced antigen recognition. Journal of Materials Chemistry B, 2013, 1, 500-511. | 2.9 | 10 |
| 97 | Chromatographycally efficient microspherical composites of molecularly imprinted xerogels deposited inside mesoporous silica. Journal of Chromatography A, 2014, 1355, 158-163. | 1.8 | 10 |
| 98 | Sustainable Preparation of Nanoporous Carbons via Dry Ball Milling: Electrochemical Studies Using Nanocarbon Composite Electrodes and a Deep Eutectic Solvent as Electrolyte. Nanomaterials, 2021, 11, 3258. | 1.9 | 10 |
| 99 | Synthesis of glycylglycine-imprinted silica microspheres through different water-in-oil emulsion techniques. Journal of Chromatography A, 2013, 1297, 138-145. | 1.8 | 9 |
| 100 | Computational and Experimental Study of the Effect of PEG in the Preparation of Damascenone-Imprinted Xerogels. Langmuir, 2013, 29, 2024-2032. | 1.6 | 9 |
| 101 | Electrodeposition of Mn and Mn-Sn Alloy Using Choline Chloride-Based Ionic Liquids. Journal of the Electrochemical Society, 2017, 164, D486-D492. | 1.3 | 9 |
| 102 | Molecularly imprinted polymers for enhanced impregnation and controlled release of l-tyrosine. Reactive and Functional Polymers, 2018, 131, 283-292. | 2.0 | 9 |
| 103 | Molecularly imprinted polymer as a synthetic antibody for the biorecognition of hazelnut Cor a 14-allergen. Analytica Chimica Acta, 2022, 1191, 339310. | 2.6 | 9 |
| 104 | Probing of the Voltammetric Features of Graphite Electrodes Modified with Mercaptoundecanoic Acid Stabilized Gold Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 2428-2435. | 1.5 | 8 |
| 105 | Insight on the effect of surface modification by carbon materials on the Ionic Liquid Electric Double Layer Charge Storage properties. Electrochimica Acta, 2015, 176, 880-886. | 2.6 | 8 |
| 106 | Enhanced Properties of Coâ€“Sn Coatings Electrodeposited from Choline Chloride-Based Deep Eutectic Solvents. Crystal Growth and Design, 2017, 17, 5208-5215. | 1.4 | 8 |
| 107 | Cationic imprinting of Pb(II) within composite networks based on bovine or fish chondroitin sulfate. Journal of Molecular Recognition, 2018, 31, e2614. | 1.1 | 8 |
| 108 | Electrodeposition of an ultrathin TiO2 coating using a deep eutectic solvent based on choline chloride. Thin Solid Films, 2018, 645, 391-398. | 0.8 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Characterization of Carbon Nanomaterials Dispersions: Can Metal Decoration of MWCNTs Improve Their Physicochemical Properties?. Nanomaterials, 2022, 12, 99. | 1.9 | 8 |
| 110 | Preparation and evaluation of Pb(II)-imprinted fucoidan-based sorbents. Reactive and Functional Polymers, 2017, 115, 53-62. | 2.0 | 7 |
| 111 | Electrodeposition of Sn and Sn Composites with Carbon Materials Using Choline Chloride-Based Ionic Liquids. Coatings, 2019, 9, 798. | 1.2 | 7 |
| 112 | Ordering and Nonideality of Airâ€“Ionic Liquid Interfaces in Surface Second Harmonic Generation. Journal of Physical Chemistry B, 2020, 124, 3954-3961. | 1.2 | 7 |
| 113 | Vapor-phase testing of the memory-effects in benzene- and toluene-imprinted polymers conditioned at elevated temperature. Analytica Chimica Acta, 2013, 802, 40-45. | 2.6 | 6 |
| 114 | Probing the Contribution of Different Intermolecular Forces to the Adsorption of Spheroproteins onto Hydrophilic Surfaces. Journal of Physical Chemistry B, 2013, 117, 16565-16576. | 1.2 | 6 |
| 115 | Adsorption of environmentally important metal ions on solid particles. Part 1. Anodic stripping voltammetry in the presence of solid particles. Analyst, The, 1994, 119, 759. | 1.7 | 5 |
| 116 | Monitoring Bromophenol Blue Transfer Across Water/1,2-DCE Interface. Electroanalysis, 2002, 14, 935. | 1.5 | 5 |
| 117 | Hydrogen Bonding: A Bottom-Up Approach for the Synthesis of Films Composed of Gold Nanoparticles. Journal of Nano Research, 2008, 2, 115-128. | 0.8 | 5 |
| 118 | Redox properties of the calcium chelator Fura-2 in mimetic biomembranes. Cell Calcium, 2008, 43, 615-621. | 1.1 | 4 |
| 119 | Influence of pH, concentration and ionic strength during batch and flow-through continuous stirred reactor experiments of Sr2+-adsorption onto montmorillonite. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 2243. | 0.7 | 4 |
| 120 | Enzymatic formation of ions and their detection at a three-phase electrode. Journal of Solid State Electrochemistry, 2005, 9, 469-474. | 1.2 | 3 |
| 121 | Naproxen-imprinted xerogels in the micro- and nanospherical forms by emulsion technique. Journal of Chromatography A, 2015, 1422, 43-52. | 1.8 | 3 |
| 122 | Acylated-naproxen as the surface-active template in the preparation of micro- and nanospherical imprinted xerogels by emulsion techniques. Journal of Chromatography A, 2016, 1437, 107-115. | 1.8 | 3 |
| 123 | Aminoglutethimide-imprinted xerogels in bulk and spherical formats, based on a multifunctional organo-alkoxysilane precursor. Journal of Chromatography A, 2015, 1424, 59-68. | 1.8 | 2 |
| 124 | Detailed Validation of a Method for the Determination of Nitrate in Water by UV/Vis Spectroscopy. Journal of AOAC INTERNATIONAL, 2014, , . | 0.7 | 2 |
| 125 | Hydrogen Bond Donors Influence on the Electrochemical Performance of Composite Graphene Electrodes/Deep Eutectic Solvents Interface. Electrochem, 2022, 3, 129-142. | 1.7 | 2 |
| 126 | 5. Ionic liquids at electrified interfaces for advanced energy/charge storage applications. , 2019, , 101-128. | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Nanostructured Tin-based Alloys Composites using Deep Eutectic Solvents as Electrolytes. U Porto Journal of Engineering, 2020, 6, 70-85. | 0.2 | 0 |