# Joaquin Arias-Pardilla

List of Publications by Year
in descending order



| 31 | 1,250 | 430874 18 | 501196 28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 35 | 35 | 35 | 1569 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Protic ammonium bio-based ionic liquid crystal lubricants. Tribology International, 2021, 158, 106917. | 5.9 | 11 |
| 2 | Effect of temperature on the rheological behavior of a new aqueous liquid crystal bio-lubricant. Journal of Molecular Liquids, 2020, 301, 112406. | 4.9 | 16 |
| 3 | Ionic Liquids in Surface Protection of Aluminum and Its Alloys. , 2019, , . | | 0 |
| 4 | Rheological study of new dispersions of carbon nanotubes in the ionic liquid 1-ethyl-3-methylimidazolium dicyanamide. Journal of Molecular Liquids, 2019, 278, 368-375. | 4.9 | 25 |
| 5 | Epoxy resin coatings modified by ionic liquid. Study of abrasion resistance. EXPRESS Polymer Letters, 2019, 13, 303-310. | 2.1 | 17 |
| 6 | Antiwear performance of ionic liquid+graphene dispersions with anomalous viscosity-temperature behavior. Tribology International, 2018, 122, 200-209. | 5.9 | 41 |
| 7 | Electrochemical treatment of aluminium alloy 7075 in aqueous solutions of imidazolium phosphonate and phosphate ionic liquids and scratch resistance of the resultant materials. Tribology International, 2017, 113, 65-75. | 5.9 | 6 |
| 8 | Self-lubricating, wear resistant protic ionic liquid-epoxy resin. EXPRESS Polymer Letters, 2017, 11, 219-229. | 2.1 | 22 |
| 9 | Surface Coating from Phosphonate Ionic Liquid Electrolyte for the Enhancement of the Tribological Performance of Magnesium Alloy. ACS Applied Materials & Interfaces, 2015, 7, 10337-10347. | 8.0 | 26 |
| 10 | Ionic Liquids in Surface Protection. , 2015, , 533-561. | | 7 |
| 11 | Electrochemical Kinetics in Dense, Reactive and Wet Gels. Biomimicking Reactions and Devices. Molecular Crystals and Liquid Crystals, 2012, 555, 295-305. | 0.9 | 2 |
| 12 | Simultaneous Smart Actuating-Sensing Devices Based on Conducting Polymers. , 2012, , . | | 1 |
| 13 | Biomimetic electrochemistry from conducting polymers. A review. Electrochimica Acta, 2012, 84, 112-128. | 5.2 | 269 |
| 14 | Synthesis, electropolymerization and characterization of a cross-linked PEDOT derivative. Journal of Materials Chemistry, 2012, 22, 4944. | 6.7 | 20 |
| 15 | Electropolymerization of naphthaleneamidinemonoimide-modified poly(thiophene). Physical Chemistry Chemical Physics, 2011, 13, 16513. | 2.8 | 14 |
| 16 | Electropolymerization and characterization of COOH-functionalized poly(3,4-ethylenedioxythiophene): Ionic exchanges. Electrochimica Acta, 2011, 56, 10238-10245. | 5.2 | 13 |
| 17 | Characterization of the movement of polypyrroleâ€“dodecylbenzenesulfonateâ€“perchlorate/tape artificial muscles. Faradaic control of reactive artificial molecular motors and muscles. Electrochimica Acta, 2011, 56, 3721-3726. | 5.2 | 68 |
| 18 | Self-supported semi-interpenetrating polymer networks as reactive ambient sensors. Journal of Electroanalytical Chemistry, 2011, 652, 37-43. | 3.8 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis, electropolymerization and oxidation kinetics of an anthraquinone-functionalized poly(3,4-ethylenedioxythiophene). Electrochimica Acta, 2010, 55, 1535-1542. | 5.2 | 33 |
| 20 | Synthesis and luminescence of poly(phenylacetylene)s with pendant iridium complexes and carbazole groups. Journal of Polymer Science Part A, 2010, 48, 3744-3757. | 2.3 | 22 |
| 21 | Polypyrrole freeâ€standing electrodes sense temperature or current during reaction. Polymer International, 2010, 59, 337-342. | 3.1 | 19 |
| 22 | Sensing and Tactile Artificial Muscles from Reactive Materials. Sensors, 2010, 10, 2638-2674. | 3.8 | 89 |
| 23 | Reactive polymer films. Synthetic Metals, 2010, 160, 425-431. | 3.9 | 18 |
| 24 | Reduction and Oxidation Doping Kinetics of an Electropolymerized Donorâ'Acceptor Low-Bandgap Conjugated Copolymer. Journal of Physical Chemistry B, 2010, 114, 12777-12784. | 2.6 | 28 |
| 25 | Arsenic species interactions with a porous carbon electrode as determined with an electrochemical quartz crystal microbalance. Electrochimica Acta, 2009, 54, 3996-4004. | 5.2 | 17 |
| 26 | Electrochemical deposition of platinum nanoparticles on different carbon supports and conducting polymers. Journal of Applied Electrochemistry, 2008, 38, 259-268. | 2.9 | 129 |
| 27 | Tuning the electroactivity of conductive polymer at physiological pH. Electrochimica Acta, 2007, 52, 2978-2986. | 5.2 | 32 |
| 28 | Study of the chemical copolymerization of 2-aminoterephthalic acid and aniline.. European Polymer Journal, 2006, 42, 1521-1532. | 5.4 | 37 |
| 29 | Study of redox mechanism of poly(o-aminophenol) using in situ techniques: evidence of two redox processes. Journal of Electroanalytical Chemistry, 2005, 576, 139-145. | 3.8 | 95 |
| 30 | Spectroelectrochemical study of the oxidation of diaminophenols on platinum electrodes in acidic medium. Electrochimica Acta, 2005, 50, 5414-5422. | 5.2 | 19 |
| 31 | Spectroelectrochemical study of the oxidation of aminophenols on platinum electrode in acid medium. Journal of Electroanalytical Chemistry, 2004, 565, 375-383. | 3.8 | 137 |