# Luis Camacho

List of Publications by Year
in descending order



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|---|---|---|---|
| 162 papers | 3,453 citations | 236925 25 h-index | 189892 50 g-index |
| 164 all docs | 164 docs citations | 164 times ranked | 4608 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Design and Self-Assembly of Sugar-Based Amphiphiles: Spherical to Cylindrical Micelles. Langmuir, 2022, 38, 7535-7544. | 3.5 | 7 |
| 2 | Aâ€Site Cation Engineering in 2D Ruddlesdenâ€“Popper (BA) 2 (MA 1â€•x A x ) 2 Pb 3 I 10 Perovskite Films. Advanced Optical Materials, 2021, 9, 2100114. | 7.3 | 9 |
| 3 | Amphiphilic polymers for aggregation-induced emission at air/liquid interfaces. Journal of Colloid and Interface Science, 2021, 596, 324-331. | 9.4 | 8 |
| 4 | Insight into the Role of Guanidinium and Cesium in Triple Cation Lead Halide Perovskites. Solar Rrl, 2021, 5, 2100586. | 5.8 | 6 |
| 5 | Relaxing the Goldschmidt Tolerance Factor: Sizable Incorporation of the Guanidinium Cation into a Two-Dimensional Ruddlesdenâ€“Popper Perovskite. Chemistry of Materials, 2020, 32, 4024-4037. | 6.7 | 28 |
| 6 | Mechanochemical synthesis of three double perovskites: Cs<sub>2</sub>AgBiBr<sub>6</sub>, (CH<sub>3</sub>NH<sub>3</sub>)<sub>2</sub>TlBiBr<sub>6</sub> and Cs<sub>2</sub>AgSbBr<sub>6</sub>. Nanoscale, 2019, 11, 16650-16657. | 5.6 | 65 |
| 7 | Tailoring the ORR and HER electrocatalytic performances of gold nanoparticles through metalâ€“ligand interfaces. Journal of Materials Chemistry A, 2019, 7, 20425-20434. | 10.3 | 45 |
| 8 | Mimicking the bioelectrocatalytic function of recombinant CotA laccase through electrostatically self-assembled bioconjugates. Nanoscale, 2019, 11, 1549-1554. | 5.6 | 9 |
| 9 | Citrate-Stabilized Gold Nanoparticles as High-Performance Electrocatalysts: The Role of Size in the Electroreduction of Oxygen. Journal of Physical Chemistry C, 2019, 123, 9807-9812. | 3.1 | 40 |
| 10 | Optimization of Amino Acid Sequence of Fmoc-Dipeptides for Interaction with Lipid Membranes. Journal of Physical Chemistry B, 2019, 123, 3721-3730. | 2.6 | 7 |
| 11 | Subtle chemical modification for enrichment of Fmoc-amino acid at a phospholipid interface. RSC Advances, 2019, 9, 37188-37194. | 3.6 | 1 |
| 12 | Folding of cytosine-based nucleolipid monolayer by guanine recognition at the air-water interface. Journal of Colloid and Interface Science, 2019, 537, 694-703. | 9.4 | 8 |
| 13 | Fluorinated CdSe/ZnS quantum dots: Interactions with cell membrane. Colloids and Surfaces B: Biointerfaces, 2019, 173, 148-154. | 5.0 | 8 |
| 14 | Unravelling the 2D self-assembly of Fmoc-dipeptides at fluid interfaces. Soft Matter, 2018, 14, 9343-9350. | 2.7 | 20 |
| 15 | Mechanochemical synthesis of one-dimensional (1D) hybrid perovskites incorporating polycyclic aromatic spacers: highly fluorescent cation-based materials. Journal of Materials Chemistry C, 2018, 6, 7677-7682. | 5.5 | 14 |
| 16 | Tailoring a compact and stable Langmuir bi-dimensional PbX-based layered perovskite film at the airâ€“water interface and on solid support. Journal of Colloid and Interface Science, 2017, 498, 194-201. | 9.4 | 1 |
| 17 | Mechanosensitive Gold Colloidal Membranes Mediated by Supramolecular Interfacial Self-Assembly. Journal of the American Chemical Society, 2017, 139, 1120-1128. | 13.7 | 24 |
| 18 | Organization and structure of mixed Langmuir films composed of polydiacetylene and hemicyanine. Journal of Colloid and Interface Science, 2017, 508, 583-590. | 9.4 | 7 |

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| 19 | Large guanidinium cation mixed with methylammonium in lead iodide perovskites for 19% efficient solar cells. Nature Energy, 2017, 2, 972-979. | 39.5 | 445 |
| 20 | Ion-Mediated Aggregation of Gold Nanoparticles for Light-Induced Heating. Applied Sciences (Switzerland), 2017, 7, 916. | 2.5 | 16 |
| 21 | Octadecyl-viologen Photooxidation in Surface Films: Macroscopic Contraction of Langmuir Monolayer by UV Irradiation. Langmuir, 2016, 32, 11405-11413. | 3.5 | 1 |
| 22 | Benignâ€byâ€Design Solventless Mechanochemical Synthesis of Threeâ€, Twoâ€, and Oneâ€Dimensional Hybrid Perovskites. Angewandte Chemie - International Edition, 2016, 55, 14972-14977. | 13.8 | 142 |
| 23 | Benignâ€byâ€Design Solventless Mechanochemical Synthesis of Threeâ€, Twoâ€, and Oneâ€Dimensional Hybrid Perovskites. Angewandte Chemie, 2016, 128, 15196-15201. | 2.0 | 18 |
| 24 | 7,7â€²-Diazaisoindigo: a novel building block for organic electronics. Journal of Materials Chemistry C, 2016, 4, 1208-1214. | 5.5 | 28 |
| 25 | Diacetylene Mixed Langmuir Monolayers for Interfacial Polymerization. Langmuir, 2015, 31, 5333-5344. | 3.5 | 11 |
| 26 | Aggregation and structural study of the monolayers formed by an amphiphilic thiapentacarbocyanine. RSC Advances, 2015, 5, 32227-32238. | 3.6 | 1 |
| 27 | Direct observation by using Brewster angle microscopy of the diacetylene polimerization in mixed Langmuir film. Journal of Colloid and Interface Science, 2015, 459, 53-62. | 9.4 | 6 |
| 28 | UVâ€"Vis Reflectionâ€"Absorption Spectroscopy at airâ€"liquid interfaces. Advances in Colloid and Interface Science, 2015, 225, 134-145. | 14.7 | 14 |
| 29 | UV-Vis reflection spectroscopy under variable angle incidence at the airâ€"liquid interface. Physical Chemistry Chemical Physics, 2014, 16, 4012. | 2.8 | 9 |
| 30 | 2D Chiral Structures in Quinoline Mixed Langmuir Monolayers. Journal of Physical Chemistry C, 2014, 118, 10844-10854. | 3.1 | 8 |
| 31 | High efficiency single-junction semitransparent perovskite solar cells. Energy and Environmental Science, 2014, 7, 2968-2973. | 30.8 | 266 |
| 32 | Metalâ€Oxideâ€Free Methylammonium Lead Iodide Perovskiteâ€Based Solar Cells: the Influence of Organic Charge Transport Layers. Advanced Energy Materials, 2014, 4, 1400345. | 19.5 | 164 |
| 33 | Elastic Nanocomposite Structures Formed by Polyacetyleneâ€"Hemicyanine Mixed Films at the Airâ€"Water Interface. Journal of Physical Chemistry C, 2013, 117, 21838-21848. | 3.1 | 12 |
| 34 | Effects of a novel antimycobacterial compound on the biophysical properties of a pulmonary surfactant model membrane. International Journal of Pharmaceutics, 2013, 450, 268-277. | 5.2 | 23 |
| 35 | Insights about Î±-tocopherol and Trolox interaction with phosphatidylcholine monolayers under peroxidation conditions through Brewster angle microscopy. Colloids and Surfaces B: Biointerfaces, 2013, 111, 626-635. | 5.0 | 12 |
| 36 | From Two-Dimensional to Three-Dimensional at the Air/Water Interface: The Self-Aggregation of the Acridine Dye in Mixed Monolayers. Langmuir, 2013, 29, 4796-4805. | 3.5 | 16 |

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| 37 | Interplay of mycolic acids, antimycobacterial compounds and pulmonary surfactant membrane: A biophysical approach to disease. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 896-905. | 2.6 | 21 |
| 38 | Evaluation of the Structureâ€“Activity Relationship of Rifabutin and Analogs: A Drugâ€“Membrane Study. ChemPhysChem, 2013, 14, 2808-2816. | 2.1 | 11 |
| 39 | Tuning of the Hydrophobic and Hydrophilic Interactions in 2D Chiral Domains. Journal of Physical Chemistry C, 2012, 116, 19925-19933. | 3.1 | 5 |
| 40 | Langmuir Monolayers of an Inclusion Complex Formed by a New Calixarene Derivative and Fullerene. Langmuir, 2012, 28, 12114-12121. | 3.5 | 14 |
| 41 | Molecular Interaction of Rifabutin on Model Lung Surfactant Monolayers. Journal of Physical Chemistry B, 2012, 116, 11635-11645. | 2.6 | 13 |
| 42 | Revisiting the Brewster Angle Microscopy: The relevance of the polar headgroup. Advances in Colloid and Interface Science, 2012, 173, 12-22. | 14.7 | 39 |
| 43 | Chiral Textures inside 2D Achiral Domains. Journal of the American Chemical Society, 2011, 133, 19028-19031. | 13.7 | 20 |
| 44 | The Effect of the Reduction of the Available Surface Area on the Hemicyanine Aggregation in Laterally Organized Langmuir Monolayers. Journal of Physical Chemistry C, 2011, 115, 9059-9067. | 3.1 | 9 |
| 45 | Self-Assembly of Acridine Orange into H-Aggregates at the Air/Water Interface: Tuning of Orientation of Headgroup. Langmuir, 2011, 27, 14888-14899. | 3.5 | 16 |
| 46 | Molecular organization and effective energy transfer in iridium metallosurfactantâ€“porphyrin assemblies embedded in Langmuirâ€“Schaefer films. Physical Chemistry Chemical Physics, 2011, 13, 2834-2841. | 2.8 | 22 |
| 47 | J-aggregation of a sulfonated amphiphilic porphyrin at the airâ€“water interface as a function of pH. Journal of Colloid and Interface Science, 2011, 356, 775-782. | 9.4 | 18 |
| 48 | Methylene Blue Adsorption on a DMPA Lipid Langmuir Monolayer. ChemPhysChem, 2010, 11, 2241-2247. | 2.1 | 10 |
| 49 | Semifluorinated thiols in Langmuir monolayers. Journal of Colloid and Interface Science, 2010, 346, 153-162. | 9.4 | 7 |
| 50 | Stable white light emission from an externally modified organic light-emitting device. Displays, 2010, 31, 181-185. | 3.7 | 1 |
| 51 | Control of the Lateral Organization in Langmuir Monolayers via Molecular Aggregation of Dyes. Journal of Physical Chemistry C, 2010, 114, 16685-16695. | 3.1 | 17 |
| 52 | Controlling the molecular organization of porphyrins by hosting in amphiphilic matrix. Journal of Porphyrins and Phthalocyanines, 2009, 13, 597-605. | 0.8 | 5 |
| 53 | Oxygen storage/release in cobalt porphyrin electrodeposited films. Electrochimica Acta, 2009, 54, 1791-1797. | 5.2 | 7 |
| 54 | Soret emission from water-soluble porphyrin thin films: effect on the electroluminescence response. Journal of Materials Chemistry, 2009, 19, 4255. | 6.7 | 21 |

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| 55 | Reversible Collapse of Insoluble Monolayers: New Insights on the Influence of the Anisotropic Line Tension of the Domain. Journal of Physical Chemistry B, 2009, 113, 13249-13256. | 2.6 | 15 |
| 56 | Effect of the Molecular Methylene Blue Aggregation on the Mesoscopic Domain Morphology in Mixed Monolayers with Dimyristoylâˆ'Phosphatidic Acid. Journal of Physical Chemistry C, 2009, 113, 5711-5720. | 3.1 | 19 |
| 57 | Tunable Soretâ€Band Splitting of an Amphiphilic Porphyrin by Surface Pressure. ChemPhysChem, 2008, 9, 1511-1513. | 2.1 | 18 |
| 58 | Effect of Na<sup>+</sup> and Ca<sup>2+</sup> Ions on a Lipid Langmuir Monolayer: An Atomistic Description by Molecular Dynamics Simulations. ChemPhysChem, 2008, 9, 2538-2543. | 2.1 | 29 |
| 59 | Dis-aggregation of an insoluble porphyrin in a calixarene matrix: characterization of aggregate modes by extended dipole model. Physical Chemistry Chemical Physics, 2008, 10, 1569. | 2.8 | 19 |
| 60 | Segregation of lipid in Ir-dye/DMPA mixed monolayers as strategy to fabricate 2D supramolecular nanostructures at the airâ€"water interface. Journal of Materials Chemistry, 2008, 18, 1681. | 6.7 | 9 |
| 61 | A DMPA Langmuir Monolayer Study:â€‰ From Gas to Solid Phase. An Atomistic Description by Molecular Dynamics Simulation. Langmuir, 2008, 24, 1823-1828. | 3.5 | 20 |
| 62 | Effect of the Barometric Phase Transition of a DMPA Bilayer on the Lipid/Water Interface. An Atomistic Description by Molecular Dynamics Simulation. Journal of Physical Chemistry B, 2007, 111, 13726-13733. | 2.6 | 1 |
| 63 | Molecular organization of a water-insoluble iridium(III) complex in mixed monolayers. Journal of Colloid and Interface Science, 2007, 315, 278-286. | 9.4 | 14 |
| 64 | Improvement of optical gas sensing using LB films containing a water insoluble porphyrin organized in a calixarene matrix. Journal of Materials Chemistry, 2007, 17, 2914-2920. | 6.7 | 20 |
| 65 | J-Aggregation of a Water-Soluble Tetracationic Porphyrin in Mixed LB Films with a Calix[8]arene Carboxylic Acid Derivative. Langmuir, 2007, 23, 3794-3801. | 3.5 | 28 |
| 66 | Phase Transition of a DPPC Bilayer Induced by an External Surface Pressure:Â From Bilayer to Monolayer Behavior. A Molecular Dynamics Simulation Study. Langmuir, 2006, 22, 5818-5824. | 3.5 | 21 |
| 67 | Structural Investigation of Langmuir and Langmuirâˆ'Blodgett Monolayers of Semifluorinated Alkanes. Journal of Physical Chemistry B, 2006, 110, 6095-6100. | 2.6 | 14 |
| 68 | Mediator and catalytic effects of porphyrin modified electrodes on redox LB films. Electrochimica Acta, 2006, 51, 3714-3718. | 5.2 | 5 |
| 69 | Reversible binding of molecular dioxygen to CoTSPP electrodeposited films from aqueous basic media. Electrochemistry Communications, 2006, 8, 638-642. | 4.7 | 4 |
| 70 | Langmuir monolayer properties of 4-methylbenzenethiol capped gold nanoparticles. Materials Science and Engineering C, 2006, 26, 154-162. | 7.3 | 5 |
| 71 | Ellipsometric study of a phospholipid monolayer at the airâ€"water interface in presence of large organic counter ions. Thin Solid Films, 2005, 488, 247-253. | 1.8 | 12 |
| 72 | Chronoamperometric Study of the Films Formed by 4,4â€˜-Bipyridyl Cation Radical Salts on Mercury in the Presence of Iodide Ions:Â Consecutive Two-Dimensional Phase Transitions. Langmuir, 2005, 21, 369-374. | 3.5 | 9 |

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| 73 | Anodic Electrodeposition of NiTSPP from Aqueous Basic Media. Langmuir, 2005, 21, 5468-5474. | 3.5 | 22 |
| 74 | Conformational Changes of a Calix[8]arene Derivative at the Airâ^'Water Interface. Journal of Physical Chemistry B, 2005, 109, 3998-4006. | 2.6 | 24 |
| 75 | Study of a new C60 derivative at the airâ€"water interface. Thin Solid Films, 2004, 449, 215-221. | 1.8 | 3 |
| 76 | Formation of a 2D phase in the electrochemical reduction of 4,4â€²-bipyridine on mercury in the presence of iodide ions via a desorption-nucleation, reorientation-nucleation mechanisms. Journal of Electroanalytical Chemistry, 2004, 564, 179-183. | 3.8 | 5 |
| 77 | Reversible Trilayer Formation at the Airâ^'Water Interface from a Mixed Monolayer Containing a Cationic Lipid and an Anionic Porphyrin. Journal of Physical Chemistry B, 2004, 108, 4457-4465. | 2.6 | 33 |
| 78 | Chronoamperometric Study of the Films Formed by Salts of Heptyl Viologen Cation Radical on Mercury:Â Desorptionâ^'Nucleation and Reorientationâ^'Nucleation Mechanisms. Langmuir, 2003, 19, 2338-2343. | 3.5 | 6 |
| 79 | Electroreduction of Heptyl Viologen on Polycrystalline Silver. Journal of the Electrochemical Society, 2002, 149, E440. | 2.9 | 5 |
| 80 | Molecular Organization of LB Multilayers of Phospholipid and Mixed Phospholipid/Viologen By FTIR Spectroscopy. Journal of Physical Chemistry B, 2002, 106, 6507-6514. | 2.6 | 28 |
| 81 | Influence of Molecular Organization of Asymmetrically Substituted Porphyrins on Their Response to NO2Gas. Langmuir, 2002, 18, 7594-7601. | 3.5 | 50 |
| 82 | Organization of an Amphiphilic Azobenzene Derivative in Monolayers at the Airâ^'Water Interface. Journal of Physical Chemistry B, 2002, 106, 2583-2591. | 2.6 | 96 |
| 83 | The optical gas-sensing properties of an asymmetrically substituted porphyrin. Journal of Materials Chemistry, 2002, 12, 2659-2664. | 6.7 | 63 |
| 84 | Aggregate formation in mixed monolayers at the airâ€"water interface of metal-complex tetracationic water-soluble porphyrins attached to a phospholipid matrix. Physical Chemistry Chemical Physics, 2002, 4, 2329-2336. | 2.8 | 19 |
| 85 | Characterization and fast optical response to NO2 of porphyrin LB films. Materials Science and Engineering C, 2002, 22, 433-438. | 7.3 | 21 |
| 86 | Molecular organization and electrochemical reduction of a Ni(II)Porphyrin complex in LB films. Electrochemistry Communications, 2002, 4, 639-643. | 4.7 | 1 |
| 87 | Application of the cyclic semi-integral voltammetry and cyclic semi-differential voltammetry to the determination of the reduction mechanism of a Niâ€"porphyrin. Journal of Electroanalytical Chemistry, 2002, 523, 160-168. | 3.8 | 9 |
| 88 | Additive differential pulse voltammetry, instead of double differential pulse voltammetry. Electrochemistry Communications, 2001, 3, 324-329. | 4.7 | 22 |
| 89 | Two-dimensional phase transition in the electroreduction of heptyl viologen on polycrystalline silver in aqueous media. Journal of Electroanalytical Chemistry, 2001, 497, 168-171. | 3.8 | 5 |
| 90 | Numerical determination of extended semi integrals and semi differentials by using spline cubic functions. Applications to an EE reversible mechanism in cyclic voltammetry. Journal of Electroanalytical Chemistry, 2000, 485, 7-12. | 3.8 | 7 |

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| 91 | Determination of porphyrin dimer in a mixed monolayer of porphyrin/phospholipid transferred on ITO electrodes. Electrochemistry Communications, 2000, 2, 276-280. | 4.7 | 4 |
| 92 | Characterization and Structure of Molecular Aggregates of a Tetracationic Porphyrin in LB Films with a Lipid Anchor. Journal of Physical Chemistry B, 2000, 104, 9966-9972. | 2.6 | 32 |
| 93 | Reorientation of the Cation Radical of Heptyl Viologen on Mercury in Water/DMSO Mixed Media. Langmuir, 1999, 15, 618-623. | 3.5 | 16 |
| 94 | Two-Dimensional Condensation and Reorientation of the Bromide Salt of the Heptyl Viologen Cation Radical at the Hg/DMSO Interface. Journal of Physical Chemistry B, 1999, 103, 3669-3676. | 2.6 | 15 |
| 95 | Electrochemical Properties of Langmuirâ˘'Blodgett Mixed Films Consisting of a Water-Soluble Porphyrin and a Phospholipid. Journal of Physical Chemistry B, 1998, 102, 2523-2529. | 2.6 | 24 |
| 96 | Organization of a Water-Soluble Porphyrin in Mixed Monolayers with Phospholipids Studied by Brewster Angle Microscopy. Langmuir, 1998, 14, 4175-4179. | 3.5 | 31 |
| 97 | Electrochemical Behavior of LB Films Containing a Mixture of Viologen and a Phospholipid. Journal of Physical Chemistry B, 1998, 102, 6799-6803. | 2.6 | 22 |
| 98 | Ion Interactions and Electrostatic Effects on TMPyP/DMPA Monolayers. Langmuir, 1998, 14, 1853-1860. | 3.5 | 27 |
| 99 | Study of the Two-Dimensional Phase Formed by Salts of the Cation Radical of Heptyl Viologen on Mercury in Aqueous Media. Langmuir, 1997, 13, 3860-3865. | 3.5 | 24 |
| 100 | Multiple potential step at an SMDE in the absence/presence of amalgamation. Journal of Electroanalytical Chemistry, 1997, 422, 55-60. | 3.8 | 8 |
| 101 | Study of non-faradaic 2D phase transitions by use of cyclic voltammetry and capacitance-potential curves. Journal of Electroanalytical Chemistry, 1997, 424, 113-119. | 3.8 | 9 |
| 102 | Partial Stacking of a Water-Soluble Porphyrin in Complex Monolayers with Insoluble Lipid. Langmuir, 1996, 12, 6554-6560. | 3.5 | 75 |
| 103 | Langmuir-Blodgett films containing water-soluble molecules: the methylene blue-dimyristoyl phosphatidic acid system. Thin Solid Films, 1996, 284-285, 162-165. | 1.8 | 9 |
| 104 | The cyclic voltammetric behaviour of 4,4â€²-bipyridine over mercury in an acid medium. Electrochimica Acta, 1996, 41, 819-825. | 5.2 | 7 |
| 105 | General analytical solution for a reversible i-t response to a triple potential step at an SMDE in the absence/presence of amalgamation. Journal of Electroanalytical Chemistry, 1996, 408, 33-45. | 3.8 | 10 |
| 106 | Application of the superposition principle to the study of a charge transfer reaction in cyclic chronopotentiometry. Part II. Journal of Mathematical Chemistry, 1996, 20, 169-181. | 1.5 | 10 |
| 107 | Electrochemical Reduction of Lucigenin on Mercury in Aqueous Media. Journal of the Electrochemical Society, 1996, 143, 2132-2136. | 2.9 | 6 |
| 108 | A Revised Study on Formation at Air-Water Interface of Metallotetraphenylporphyrin Monolayers. Journal of Colloid and Interface Science, 1995, 175, 83-87. | 9.4 | 7 |

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| 109 | Effects of temperature and anion type on the two-dimensional condensation of the 4,4â€²-bipyridine cation radical on mercury. Journal of Electroanalytical Chemistry, 1995, 390, 21-27. | 3.8 | 6 |
| 110 | Conditions of applicability of the superposition principle in potential multipulse techniques: implications in the study of microelectrodes. Journal of Electroanalytical Chemistry, 1995, 394, 1-6. | 3.8 | 67 |
| 111 | Two-Dimensional Condensation of Metallotetraphenylporphyrins at the Mercury-DMSO Interface. The Journal of Physical Chemistry, 1995, 99, 14083-14088. | 2.9 | 7 |
| 112 | Reverse Differential Pulse Voltammetry and Polarography. Analytical Chemistry, 1995, 67, 2619-2624. | 6.5 | 11 |
| 113 | Voltammetric Study of the Two-Dimensional Phase Formed by the Cation Radical of Methyl Viologen on Mercury in the Presence of Iodide Ions. Langmuir, 1995, 11, 1791-1796. | 3.5 | 15 |
| 114 | Overall analysis of the kinetic current of Î±-keto acids. Application to the first reduction wave of glyoxylic acid. Electrochimica Acta, 1994, 39, 107-113. | 5.2 | 3 |
| 115 | Double differential pulse voltammetry. Journal of Electroanalytical Chemistry, 1994, 365, 97-105. | 3.8 | 9 |
| 116 | Use of cyclic voltammetry for studying two-dimensional phase transitions: Behaviour at low scan rates. Journal of Electroanalytical Chemistry, 1994, 373, 31-37. | 3.8 | 56 |
| 117 | Reverse pulse voltammetry and polarography: a general analytical solution. Canadian Journal of Chemistry, 1994, 72, 2369-2377. | 1.1 | 7 |
| 118 | General analytical solution for a reversible i/t response to a double potential step at spherical electrodes in the absence/presence of amalgamation effects. Canadian Journal of Chemistry, 1994, 72, 2378-2387. | 1.1 | 16 |
| 119 | Formation of Two-Dimensional Phases of 4,4'-Bipyridine Cation Radical over Mercury in the Presence of Iodide Ions. Langmuir, 1994, 10, 723-729. | 3.5 | 13 |
| 120 | The transfer coefficient of the electrochemical reduction of cephalosporins and cefamycins. Electroanalysis, 1993, 5, 325-331. | 2.9 | 10 |
| 121 | Influence of temperature on the two-dimensional condensation of 4,4â€²-bipyridine and its cation radical over mercury in an acidic nitrate medium. Journal of Electroanalytical Chemistry, 1993, 359, 325-331. | 3.8 | 8 |
| 122 | Cyclic voltammetric study of mixed monolayers of methylene blue and Triton X-100 formed spontaneously on mercury. Journal of Electroanalytical Chemistry, 1993, 358, 127-142. | 3.8 | 6 |
| 123 | Triple-pulse voltammetry and polarography. Analytical Chemistry, 1993, 65, 215-222. | 6.5 | 23 |
| 124 | Using Mathcad's cubic spline functions for numerical fitting of data to tabulated functions. Journal of Chemical Education, 1993, 70, A312. | 2.3 | 4 |
| 125 | Study of the electrochemical reduction of isonicotinic acid at a mercury electrode. Journal of Electroanalytical Chemistry, 1992, 324, 269-289. | 3.8 | 15 |
| 126 | Inhibition of the electrode reduction of an adsorbed species by the competitive adsorption of a surfactant. Journal of Electroanalytical Chemistry, 1992, 324, 359-374. | 3.8 | 10 |

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| 127 | Splitting of the DPP signal yielded by a single-step charge-transfer process with a very low transfer coefficient. Application to the determination of kinetic parameters for the reduction of Cd2+ and Zn2+ in dimethylsulphoxide. Journal of Electroanalytical Chemistry, 1992, 333, 153-164. | 3.8 | 1 |
| 128 | Application of Matsuda's pulse polarography theory to electrode processes coupled to very fast chemical reactions: Study of the CE mechanism by differential pulse polarography. Electrochimica Acta, 1992, 37, 1129-1134. | 5.2 | 9 |
| 129 | Differential pulse polarography as applied to the first and second peak yielded by radical-radical dimerization processes. Analytical Chemistry, 1991, 63, 1574-1580. | 6.5 | 8 |
| 130 | Competitive chemical reactions in DC polarography: Influence of fast protonation equilibria on CE and ECE mechanisms. Collection of Czechoslovak Chemical Communications, 1991, 56, 68-77. | 1.0 | 2 |
| 131 | Effect of Triton X-100 on the electrochemical reduction of N-methylnicotinic acid at a mercury electrode. Collection of Czechoslovak Chemical Communications, 1991, 56, 85-89. | 1.0 | 0 |
| 132 | Voltammetric study of cefsulodin: surface reduction of the isonicotinamide substituent via an ECE mechanism. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 284, 445-463. | 0.1 | 5 |
| 133 | Polarographic analysis of mechanisms involving competition between dimerization and electron transfer reactions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 281, 61-71. | 0.1 | 3 |
| 134 | Description and interpretation of the exponentially shaped waves yielded in the polarographic reduction of cephalosporins at high concentrations in acid media. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 282, 189-200. | 0.1 | 11 |
| 135 | Transition from Twoâ€Electron to Oneâ€Electron Processes in DC Polarography. Competition Between Firstâ€and Secondâ€Order Reactions. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1990, 99, 575-577. | 0.0 | 0 |
| 136 | Influence of the molecular association of 6-methyladenine on its electrochemical reduction. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 269, 129-142. | 0.1 | 4 |
| 137 | Cyclic and linear sweep voltammetry of cefazolin and cefmetazole: electroanalytical applications. Analyst, The, 1989, 114, 1611-1615. | 3.5 | 15 |
| 138 | Competitive homogeneous chemical reactions occurring between two electron transfers. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 293-307. | 0.1 | 12 |
| 139 | Electrochemical reduction of 4,4-dimethyl-1-phenyl-1-penten-3-one. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 241, 297-308. | 0.1 | 4 |
| 140 | Global analysis of kinetic current in DC polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 309-320. | 0.1 | 10 |
| 141 | Study of the adsorption and surface reduction of cefazolin by cyclic voltammetry. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 257, 281-292. | 0.1 | 14 |
| 142 | Electrochemical reduction of cefsulodin. Analyst, The, 1988, 113, 23-26. | 3.5 | 14 |
| 143 | Diagnosis of irreversible electron transfers and reversible CEC, CE, and EC processes from differential pulse polarographic criteria. Analytical Chemistry, 1988, 60, 2269-2273. | 6.5 | 21 |
| 144 | Determination of the rate constants for a CECE reduction mechanism. Electrochimica Acta, 1987, 32, 1495-1497. | 5.2 | 8 |

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| 145 | Relationship Between the pHâ€Dependence of the Halfâ€Wave Potential and the Limiting Current in Second Reduction Waves of CE Mechanisms. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1987, 96, 255-263. | 0.0 | 11 |
| 146 | Differential pulse polarography for a dimerization process. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 191, 303-310. | 0.1 | 19 |
| 147 | Diagnostic criteria for characterization of mechanisms corresponding to the second reduction polarographic wave of carbonyl compounds in acidic medium. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 189, 195-202. | 0.1 | 15 |
| 148 | Diffusion intensity in normal pulse polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 182, 169-172. | 0.1 | 3 |
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