# Marcos F S Teixeira

List of Publications by Year
in descending order

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| 101 | 1,959 | 218381 | 288905 |
|---|---|---|---|
| papers | citations | 26 h-index | 40 g-index |

| 103 | 103 | 103 | 1980 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Electrochemical sensor for sulfite determination based on a nanostructured copper-salen film modified electrode. Electrochimica Acta, 2009, 54, 4552-4558. | 2.6 | 105 |
| 2 | An electrochemical sensor for l-dopa based on oxovanadium-salen thin film electrode applied flow injection system. Sensors and Actuators B: Chemical, 2007, 122, 549-555. | 4.0 | 88 |
| 3 | Voltammetric determination of L-dopa using an electrode modified with trinuclear ruthenium ammine complex (Ru-red) supported on Y-type zeolite. Talanta, 2004, 63, 1083-1088. | 2.9 | 83 |
| 4 | Construction of an electrochemical sensing platform based on platinum nanoparticles supported on carbon for tetracycline determination. Sensors and Actuators B: Chemical, 2016, 228, 207-213. | 4.0 | 75 |
| 5 | Development of an electrochemical sensor for determination of dissolved oxygen by nickelâ€“salen polymeric film modified electrode. Sensors and Actuators B: Chemical, 2012, 175, 111-117. | 4.0 | 71 |
| 6 | Sensor for cysteine based on oxovanadium(IV) complex of Salen modified carbon paste electrode. Sensors and Actuators B: Chemical, 2005, 106, 619-625. | 4.0 | 68 |
| 7 | Determination of the chemical oxygen demand (COD) using a copper electrode: a clean alternative method. Journal of Solid State Electrochemistry, 2009, 13, 665-669. | 1.2 | 68 |
| 8 | Voltammetric determination of pyridoxine (Vitamin B6) at a carbon paste electrode modified with vanadyl(IV)â€“Salen complex. Analytica Chimica Acta, 2004, 508, 79-85. | 2.6 | 66 |
| 9 | Flow Injection Determination of levodopa in tablets using a solid-phase reactor containing lead(IV) dioxide immobilized. Journal of Pharmaceutical and Biomedical Analysis, 2001, 25, 393-398. | 1.4 | 65 |
| 10 | Evaluation of a carbon paste electrode modified with organofunctionalized amorphous silica in the cadmium determination in a differential pulse anodic stripping voltammetric procedure. Talanta, 2003, 59, 1021-1028. | 2.9 | 56 |
| 11 | Evaluation of Different Voltammetric Techniques in the Determination of Amoxicillin Using a Carbon Paste Electrode Modified with [N,N[sup Ê¹]-ethylenebis(salicylideneaminato)] oxovanadium(IV). Journal of the Electrochemical Society, 2006, 153, E94. | 1.3 | 54 |
| 12 | Voltammetric determination of isoprenaline in pharmaceutical preparations using a copper(II) hexacyanoferrate(III) modified carbon paste electrode. Microchemical Journal, 2004, 78, 55-59. | 2.3 | 51 |
| 13 | Electrochemical Modified Electrodes Based on Metalâ€Salen Complexes. Analytical Letters, 2007, 40, 1825-1852. | 1.0 | 50 |
| 14 | Voltammetric determination of dipyrone using a N,N'-ethylenebis(salicylideneaminato)oxovanadium(IV) modified carbon-paste electrode. Journal of the Brazilian Chemical Society, 2004, 15, 803-808. | 0.6 | 48 |
| 15 | Determination of vitamin B6 (pyridoxine) in pharmaceutical preparations by cyclic voltammetry at a copper(II) hexacyanoferrate(III) modified carbon paste electrode. Journal of the Brazilian Chemical Society, 2003, 14, 316-321. | 0.6 | 39 |
| 16 | An electrochemical sensor for dipyrone determination based on nickel-salen film modified electrode. Procedia Chemistry, 2009, 1, 297-300. | 0.7 | 37 |
| 17 | Short terms effects of air pollution from biomass burning in mucociliary clearance of Brazilian sugarcane cutters. Respiratory Medicine, 2011, 105, 1766-1768. | 1.3 | 33 |
| 18 | Electrochemical sensor for ranitidine determination based on carbon paste electrode modified with oxovanadium (IV) salen complex. Materials Science and Engineering C, 2013, 33, 4081-4085. | 3.8 | 33 |

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|---|---|---|---|
| 19 | Development of an electrochemical sensor for potassium ions based on KSr2Nb5O15 modified electrode. Procedia Chemistry, 2009, 1, 293-296. | 0.7 | 29 |
| 20 | Electrochemical investigation of the voltammetric determination of hydrochlorothiazide using a nickel hydroxide modified nickel electrode. Materials Science and Engineering C, 2015, 57, 344-348. | 3.8 | 29 |
| 21 | Carbon paste electrode modified with copper(II) phosphate immobilized in a polyester resin for voltammetric determination of l -ascorbic acid in pharmaceutical formulations. Analytical and Bioanalytical Chemistry, 2003, 376, 214-219. | 1.9 | 28 |
| 22 | Flow injection amperometric determination of dipyrone in pharmaceutical formulations using a carbon paste electrode. Il Farmaco, 2003, 58, 999-1004. | 0.9 | 28 |
| 23 | Development of a nanocomposite chemiresistor sensor based on Ï€-conjugated azo polymer and graphene blend for detection of dissolved oxygen. Sensors and Actuators B: Chemical, 2018, 271, 353-357. | 4.0 | 28 |
| 24 | Development of a molecularly imprinted polymer for uric acid sensing based on a conductive azopolymer: Unusual approaches using electrochemical impedance/capacitance spectroscopy without a soluble redox probe. Sensors and Actuators B: Chemical, 2021, 343, 130141. | 4.0 | 28 |
| 25 | An Electrochemical Sensor Based on Nanostructured Hollandite-type Manganese Oxide for Detection of Potassium Ions. Sensors, 2009, 9, 6613-6625. | 2.1 | 27 |
| 26 | Determination of Analgesics (Dipyrone and Acetaminophen) in Pharmaceutical Preparations by Cyclic Voltammetry at a Copper(II) Hexacyanoferrate(III) Modified Carbon Paste Electrode. Current Analytical Chemistry, 2009, 5, 303-310. | 0.6 | 26 |
| 27 | Development of an electrochemical sensor based on nanostructured hausmannite-type manganese oxide for detection of sodium ions. Sensors and Actuators B: Chemical, 2013, 181, 674-680. | 4.0 | 26 |
| 28 | Electrochemical investigation of the dimeric oxo-bridged ruthenium complex in aqueous solution and its incorporation within a cation-exchange polymeric film on the electrode surface for electrocatalytic activity of hydrogen peroxide oxidation. Electrochimica Acta, 2011, 56, 6804-6811. | 2.6 | 24 |
| 29 | A chemiresistor sensor based on a cobalt(salen) metallopolymer for dissolved molecular oxygen. Talanta, 2018, 190, 119-125. | 2.9 | 21 |
| 30 | Ion-selective electrode for bismuth(III) in ethylenediamintetraacetate medium. Talanta, 1997, 45, 249-255. | 2.9 | 20 |
| 31 | Photochemiresistor Sensor Development Based on a Bismuth Vanadate Type Semiconductor for Determination of Chemical Oxygen Demand. ACS Applied Materials & Interfaces, 2020, 12, 18723-18729. | 4.0 | 20 |
| 32 | Lithium ions determination by selective pre-concentration and differential pulse anodic stripping voltammetry using a carbon paste electrode modified with a spinel-type manganese oxide. Talanta, 2004, 62, 603-609. | 2.9 | 19 |
| 33 | Study on the structural and electrocatalytic properties of Ba<sup>2+</sup>- and Eu<sup>3+</sup>-doped silica xerogels as sensory platforms. RSC Advances, 2016, 6, 104529-104536. | 1.7 | 19 |
| 34 | Use of a Carbon Paste Electrode Modified with Spinel-Type Manganese Oxide as a Potentiometric Sensor for Lithium Ions in Flow Injection Analysis. Electroanalysis, 2004, 16, 633-639. | 1.5 | 18 |
| 35 | Voltammetric determination of lithium ions in pharmaceutical formulation using a Î»-MnO2-modified carbon-paste electrode. Analytica Chimica Acta, 2001, 443, 249-255. | 2.6 | 17 |
| 36 | Analytical development of a binuclear oxo-manganese complex bio-inspired on oxidase enzyme for doping control analysis of acetazolamide. Biosensors and Bioelectronics, 2016, 79, 442-448. | 5.3 | 17 |

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|---|---|---|---|
| 37 | Study of the potentiometric response of the doped spinel Li1.05Al0.02Mn1.98O4 for the optimization of a selective lithium ion sensor. Electrochimica Acta, 2010, 55, 5659-5664. | 2.6 | 16 |
| 38 | A novel Î»-MnO2-based graphiteâ€“epoxy electrode for potentiometric determination of acids and bases. Sensors and Actuators B: Chemical, 1999, 56, 169-174. | 4.0 | 15 |
| 39 | A Î»-MnO2-based graphiteâ€“epoxy electrode as lithium ion sensor. Sensors and Actuators B: Chemical, 2000, 67, 96-100. | 4.0 | 15 |
| 40 | Voltammetric performance and application of a sensor for sodium ions constructed with layered birnessite-type manganese oxide. Talanta, 2009, 80, 519-525. | 2.9 | 15 |
| 41 | Electropolymerization using binuclear nickel(ii) Schiff base complexes bearing N4O4donors as supramolecular building blocks. RSC Advances, 2015, 5, 39908-39915. | 1.7 | 15 |
| 42 | Molecular engineering of a Ï€-conjugated polymer film of the azo dye Bismarck Brown Y. RSC Advances, 2016, 6, 101318-101322. | 1.7 | 15 |
| 43 | Flow injection potentiometric determination of bismuth(III) in anti-acid formulations. International Journal of Pharmaceutics, 2001, 221, 115-121. | 2.6 | 14 |
| 44 | Flowâ€Injection Spectrophotometric Determination of Dipyrone in Pharmaceutical Formulations Using Ammonium Molybdate as Chromogenic Reagent. Analytical Letters, 2005, 38, 2315-2326. | 1.0 | 14 |
| 45 | Synergistic effect of reduced graphene oxide/azo-polymer layers on electrochemical performance and application as nonenzymatic chemiresistor sensors for detecting superoxide anion radicals. Journal of Electroanalytical Chemistry, 2019, 852, 113520. | 1.9 | 14 |
| 46 | A Chemiresistor Sensor Based on Azo-Polymer and Graphene for Real-Time Monitoring of Mitochondrial Oxygen Consumption. ACS Sensors, 2019, 4, 118-125. | 4.0 | 14 |
| 47 | Electrochemical Properties of Oxoâ€“Manganese Complex Biomimicking Enzyme Active Sites and Its Electrocatalytic Application for Dopamine Determination. Electrocatalysis, 2013, 4, 92-100. | 1.5 | 13 |
| 48 | Application of oxo-manganese complex immobilized on ion-exchange polymeric film as biomimetic sensor for nitrite ions. Sensors and Actuators B: Chemical, 2015, 217, 58-64. | 4.0 | 13 |
| 49 | Flow injection spectrophotometric determination of adrenaline in pharmaceutical formulations using a solid-phase reactor containing lead(IV) dioxide immobilized in a polyester resin. Il Farmaco, 2002, 57, 215-219. | 0.9 | 12 |
| 50 | A novel Mn-containing conducting metallopolymer obtained by electropolymerization in aqueous solution of a tetranuclear oxo-bridged manganese complex. Dalton Transactions, 2011, 40, 7133. | 1.6 | 12 |
| 51 | Electrochemical Properties of the Oxoâ€Manganeseâ€Phenanthroline Complex Immobilized on Ionâ€Exchange Polymeric Film and Its Application as Biomimetic Sensor for Sulfite Ions. Electroanalysis, 2014, 26, 2182-2190. | 1.5 | 12 |
| 52 | Differential pulse anodic voltammetric determination of lithium ions in pharmaceutical formulations using a carbon paste electrode modified with spinel-type manganese oxide. Journal of Pharmaceutical and Biomedical Analysis, 2003, 31, 537-543. | 1.4 | 11 |
| 53 | Electrochemical evaluation of the a carbon-paste electrode modified with spinel manganese(IV) oxide under flow conditions for amperometric determination of lithium. Electrochimica Acta, 2011, 56, 2552-2558. | 2.6 | 11 |
| 54 | Ion-Selective Electrode for the Determination of Iron(III) in Vitamin Formulations. Journal of the Brazilian Chemical Society, 1998, 9, 506-510. | 0.6 | 10 |

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|---|---|---|---|
| 55 | DeterminaÃ§Ã£o turbidimÃ©trica de dipirona em fluxo utilizando um reator contendo cloreto de prata imobilizado em resina poliÃ©ster. Quimica Nova, 2005, 28, 783-787. | 0.3 | 10 |
| 56 | Electrochemical characterization of the paste carbon modified electrode with KSr2Ni0.75Nb4.25O15â‹Î´ solid in catalytic oxidation of the dipyrone. Sensors and Actuators B: Chemical, 2012, 169, 267-273. | 4.0 | 10 |
| 57 | Mechanistic study of the formation of multiblock Ï€-conjugated metallopolymer. Polyhedron, 2016, 117, 415-421. | 1.0 | 10 |
| 58 | Electrocatalytic Study of the Thin Metallopolymer Film of [2,2â€²â€{1,2â€Ethanediylbis[Nitrilo(1E)â€•1â€Ethylâ€•1â€Ylidene]}Diphenolate]â€Nickel(II) for Ethanol Electrooxidation. ChemElectroChem, 2018, 5, 3557-3565. | 4.7 | 10 |
| 59 | PbO 2 -based graphite-epoxy electrode for potentiometric determination of acids and bases in aqueous and aqueous-ethanolic media. Fresenius' Journal of Analytical Chemistry, 2001, 370, 383-386. | 1.5 | 9 |
| 60 | Carboxymethyl-botryosphaeran stabilized carbon nanotubes aqueous dispersion: A new platform design for electrochemical sensing of desloratadine. Talanta, 2020, 210, 120642. | 2.9 | 9 |
| 61 | Nanocomposite Materials Based on Electrochemically Synthesized Graphene Polymers: Molecular Architecture Strategies for Sensor Applications. Chemosensors, 2021, 9, 149. | 1.8 | 9 |
| 62 | A spectroscopic experimental and semi-empirical study of [Eu(salen)2] as a red-emitter for phosphor-converted UV LED. Optik, 2021, 243, 167454. | 1.4 | 9 |
| 63 | Potentiometric determination of acids and bases using a silica gel based carbon-epoxy indicator electrode. Fresenius' Journal of Analytical Chemistry, 2000, 367, 86-89. | 1.5 | 8 |
| 64 | Electrocatalytic study of an electrode modified with Reactive Blue 4 dye covalently immobilized on amine-functionalized silica. Journal of Solid State Electrochemistry, 2012, 16, 3877-3886. | 1.2 | 8 |
| 65 | A Simple and Rapid Estimation of Totals Polyphenols Based On Carbon Paste Electrode Modified with Ruthenium Oxoâ€Complex. Electroanalysis, 2015, 27, 2371-2376. | 1.5 | 8 |
| 66 | Mechanism of Nanocomposite Formation in the Layer-by-Layer Single-Step Electropolymerization of Ï€-Conjugated Azopolymers and Reduced Graphene Oxide: An Electrochemical Impedance Spectroscopy Study. ACS Omega, 2020, 5, 25954-25967. | 1.6 | 8 |
| 67 | Methylated DNA impedimetric immunosensor based on azo-polymer-AuNPs dots and 5-methylcytosine antibody using dissolved oxygen as a redox probe. Electrochemistry Communications, 2022, 136, 107242. | 2.3 | 8 |
| 68 | A Solid Fe2O3 Based Carbonâ€“Epoxy Electrode for Potentiometric Measurements of pH. Journal of Analytical Chemistry, 2002, 57, 826-831. | 0.4 | 7 |
| 69 | The use of magnesium silicate (talc) in a potentiometric sensor for hydrogen ions. Applied Clay Science, 2003, 23, 323-328. | 2.6 | 7 |
| 70 | Short communication: Molecular architecture based on palladium-salen complex/graphene for low potential water oxidation. Journal of Electroanalytical Chemistry, 2021, 880, 114928. | 1.9 | 7 |
| 71 | Evaluation of a Fe2O3-based graphite-epoxy tubular electrode as pH sensor in flow injection potentiometry. Journal of the Brazilian Chemical Society, 2000, 11, 27-31. | 0.6 | 6 |
| 72 | Evaluation of the Oxo-bridged Dinuclear Ruthenium Ammine Complex as Redox Mediator in an Electrochemical Biosensor. Electroanalysis, 2016, 28, 562-569. | 1.5 | 6 |

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|---|---|---|---|
| 73 | UtilizaÃ§Ã£o de um eletrodo de grafite-epÃ³xi recoberto com [Zn(FEN)3][tetratris(4-clorofenil) borato]2 sensÃvel a zinco(II) em meio 1,10-fenantrolina como eletrodo indicador em titulaÃ§Ãµes potenciomÃ©tricas de precipitaÃ§Ã£o. Quimica Nova, 2005, 28, 817-821. | 0.3 | 5 |
| 74 | Flow-injection potentiometric determination of iron (III) in vitamin formulations using a tubular ion-selective electrode in oxalic medium. Laboratory Robotics and Automation, 1999, 11, 163-168. | 0.3 | 4 |
| 75 | Development of Nanostructured Electrochemical Sensor Based on Polymer Film Nickel-Salen for Determination of Dissolved Oxygen. Procedia Engineering, 2011, 25, 1057-1060. | 1.2 | 4 |
| 76 | Resistance training prevents right ventricle hypertrophy in rats exposed to secondhand cigarette smoke. PLoS ONE, 2020, 15, e0236988. | 1.1 | 4 |
| 77 | Application of the Potentiometric Stripping Analysis with Constant Current for the Determination of Lithium Ions Using a Spinel-Type Manganese (IV) Oxide-Modified Carbon Paste Electrode. Current Analytical Chemistry, 2010, 6, 161-165. | 0.6 | 4 |
| 78 | Coated Graphite-Epoxy Ion-Selective Electrode for the Determination of Iron(III) in Oxalic Medium. Analytical Letters, 1997, 30, 417-427. | 1.0 | 3 |
| 79 | Evidence for a correlation between total lead concentrations in soils and the presence of geological faults. Environmental Chemistry Letters, 2017, 15, 481-488. | 8.3 | 3 |
| 80 | Understanding the Performance of a Nanocomposite Based on a Conjugated Azoâ€Polymer and Reduced Graphene Oxide with Photoelectrically Switchable Properties by Analyzing the Potential Profile during Photocurrent Generation. Macromolecular Chemistry and Physics, 2020, 221, 2000225. | 1.1 | 3 |
| 81 | A new polymeric thin film by using electropolymerization: thin film of poly(phenazine-salen) obtained from 2,2'-[1,2-ethanediylbis(nitrilomethylidyne)] -bis[4-amino-phenol]. Journal of Electroanalytical Chemistry, 2020, 873, 114404. | 1.9 | 3 |
| 82 | Application of botryosphaeran as a carbon black adherent on a glassy carbon electrode for the electrochemical determination of cyclobenzaprine. Electrochimica Acta, 2021, 379, 138176. | 2.6 | 3 |
| 83 | Electrocatalytic Reduction of CO2 in Water by a Palladium-Containing Metallopolymer. Nanomaterials, 2022, 12, 1193. | 1.9 | 3 |
| 84 | Coated-Carbon Rod Ion-Selective Electrode for the Determination of Niobium in Citric Medium. Analytical Letters, 1992, 25, 2187-2198. | 1.0 | 2 |
| 85 | Enzymeless Hydrogen Peroxide Sensor Based on Mn-containing Conducting Metallopolymer. Procedia Engineering, 2012, 47, 1161-1164. | 1.2 | 2 |
| 86 | Glucose Biosensor Based on the Hexacyanoferrate 11-Mercaptoundecyl-Nâ€™,Nâ€²,Nâ€²â€™-Trimethylammonium/6-(Ferrocenyl)Hexanethiol. Procedia Engineering, 2014, 87, 300-303. | 1.2 | 2 |
| 87 | A comparison of charge-transfer mechanisms at rotated disk electrode for biomimetic binuclear and tetranuclear oxo-manganese complex in aqueous solution. Inorganica Chimica Acta, 2015, 425, 76-82. | 1.2 | 2 |
| 88 | Simultaneous determination of Cd, Pb, and Cu in atmospheric particulate matter from different regions of the city of Presidente Prudente, Sao Paulo, Brazil. Chemistry and Ecology, 2016, 32, 598-607. | 0.6 | 2 |
| 89 | Electropolymerization Mechanism in Aqueous Solution of the Oxo-Manganese Complex Biomimicking of the Enzimatic Center Present on the Photosystem II. ECS Transactions, 2012, 43, 159-165. | 0.3 | 1 |
| 90 | Determination of tetramethylthiuram disulfide (thiram) for residual analysis in food using spectrophotometry coupled with a solid-phase reactor (SPR) in a flow system. International Journal of Environmental Analytical Chemistry, 2014, 94, 874-883. | 1.8 | 1 |

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|---|---|---|---|
| 91 | Study of the potentiometric properties of spinel-type manganese oxide doped with gallium and anions Ga0.02Mn1.98O3.98X0.02 (X = S2â^' and Fâ^') as selective sensor for lithium ion. Electrochimica Acta, 2015, 174, 640-646. | 2.6 | 1 |
| 92 | Study of binary self-assembled monolayers of a novel anchoring thiol (11-mercaptoundecyl-Nâ€²,Nâ€³,Nâ€´-trimethylammonium) in the electron transfer with glucose oxidase enzyme. Sensing and Bio-Sensing Research, 2018, 18, 37-44. | 2.2 | 1 |
| 93 | Influence of Rainfall Seasonality in Groundwater Chemistry at Western Region of SÃ£o Paulo Stateâ€"Brazil. Water (Switzerland), 2021, 13, 1450. | 1.2 | 1 |
| 94 | INVESTIGAÃ‡ÃƒO DOS PARÃ‚METROS FOTOELETROCATALÃTICOS DO m-BiVO4 NA OXIDAÃ‡ÃƒO DE GLICOSE. Colloquium Exactarum, 2019, 11, 131-141. | 0.0 | 0 |
| 95 | FOUR WEEK DETRAINING PROMOTES FAT GAIN BUT NOT INFLAMMATION ON ADIPOSE TISSUE OF OBESE RATS. Medicine and Science in Sports and Exercise, 2020, 52, 1066-1066. | 0.2 | 0 |
| 96 | Title is missing!. , 2020, 15, e0236988. | | 0 |
| 97 | Title is missing!. , 2020, 15, e0236988. | | 0 |
| 98 | Title is missing!. , 2020, 15, e0236988. | | 0 |
| 99 | Title is missing!. , 2020, 15, e0236988. | | 0 |
| 100 | Title is missing!. , 2020, 15, e0236988. | | 0 |
| 101 | Title is missing!. , 2020, 15, e0236988. | | 0 |