

Marcos F S Teixeira

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

1,959
citations

218381

26
h-index

288905

40
g-index

103
all docs

103
docs citations

103
times ranked

1980
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylated DNA impedimetric immunosensor based on azo-polymer-AuNPs dots and 5-methylcytosine antibody using dissolved oxygen as a redox probe. <i>Electrochemistry Communications</i> , 2022, 136, 107242.	2.3	8
2	Electrocatalytic Reduction of CO ₂ in Water by a Palladium-Containing Metallopolymer. <i>Nanomaterials</i> , 2022, 12, 1193.	1.9	3
3	Short communication: Molecular architecture based on palladium-salen complex/graphene for low potential water oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114928.	1.9	7
4	Application of botryosphaeran as a carbon black adherent on a glassy carbon electrode for the electrochemical determination of cyclobenzaprine. <i>Electrochimica Acta</i> , 2021, 379, 138176.	2.6	3
5	Influence of Rainfall Seasonality in Groundwater Chemistry at Western Region of São Paulo State—Brazil. <i>Water (Switzerland)</i> , 2021, 13, 1450.	1.2	1
6	Nanocomposite Materials Based on Electrochemically Synthesized Graphene Polymers: Molecular Architecture Strategies for Sensor Applications. <i>Chemosensors</i> , 2021, 9, 149.	1.8	9
7	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. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130141.	4.0	28
8	A spectroscopic experimental and semi-empirical study of [Eu(salen) ₂] as a red-emitter for phosphor-converted UV LED. <i>Optik</i> , 2021, 243, 167454.	1.4	9
9	Carboxymethyl-botryosphaeran stabilized carbon nanotubes aqueous dispersion: A new platform design for electrochemical sensing of desloratadine. <i>Talanta</i> , 2020, 210, 120642.	2.9	9
10	Mechanism of Nanocomposite Formation in the Layer-by-Layer Single-Step Electropolymerization of π -Conjugated Azopolymers and Reduced Graphene Oxide: An Electrochemical Impedance Spectroscopy Study. <i>ACS Omega</i> , 2020, 5, 25954-25967.	1.6	8
11	Resistance training prevents right ventricle hypertrophy in rats exposed to secondhand cigarette smoke. <i>PLoS ONE</i> , 2020, 15, e0236988.	1.1	4
12	Understanding the Performance of a Nanocomposite Based on a Conjugated Azo-Polymer and Reduced Graphene Oxide with Photoelectrically Switchable Properties by Analyzing the Potential Profile during Photocurrent Generation. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000225.	1.1	3
13	A new polymeric thin film by using electropolymerization: thin film of poly(phenazine-salen) obtained from 2,2'-[1,2-ethanediylbis(nitrilomethylidene)]-bis[4-amino-phenol]. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114404.	1.9	3
14	Photochemiresistor Sensor Development Based on a Bismuth Vanadate Type Semiconductor for Determination of Chemical Oxygen Demand. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18723-18729.	4.0	20
15	FOUR WEEK DETRAINING PROMOTES FAT GAIN BUT NOT INFLAMMATION ON ADIPOSE TISSUE OF OBESE RATS. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1066-1066.	0.2	0
16	Title is missing!. , 2020, 15, e0236988.		0
17	Title is missing!. , 2020, 15, e0236988.		0
18	Title is missing!. , 2020, 15, e0236988.		0

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19	Title is missing!. , 2020, 15, e0236988.		0
20	Title is missing!. , 2020, 15, e0236988.		0
21	Title is missing!. , 2020, 15, e0236988.		0
22	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
23	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
24	INVESTIGAÇÃO DO PARÂMETRO FOTOELECTROCATÁLITICO DO m-BiVO ₄ NA OXIDAÇÃO DE GLICOSE. Colloquium Exactarum, 2019, 11, 131-141.	0.0	0
25	Study of binary self-assembled monolayers of a novel anchoring thiol (11-mercaptoundecyl-N,N,N'-trimethylammonium) in the electron transfer with glucose oxidase enzyme. 2.2 Sensing and Bio-Sensing Research, 2018, 18, 37-44.		1
26	Development of a nanocomposite chemiresistor sensor based on π -conjugated azo polymer and graphene blend for detection of dissolved oxygen. Sensors and Actuators B: Chemical, 2018, 271, 353-357.	4.0	28
27	A chemiresistor sensor based on a cobalt(salen) metallopolymer for dissolved molecular oxygen. Talanta, 2018, 190, 119-125.	2.9	21
28	Electrocatalytic Study of the Thin Metallopolymer Film of [2,2'-bis(1,2-ethanediybis[nitrilo(1E)-1-ethyl-1-ylidene]]diphenolate)-Nickel(II) for Ethanol Electrooxidation. ChemElectroChem, 2018, 5, 3557-3565.		10
29	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
30	Evaluation of the Oxo-bridged Dinuclear Ruthenium Ammine Complex as Redox Mediator in an Electrochemical Biosensor. Electroanalysis, 2016, 28, 562-569.	1.5	6
31	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
32	Molecular engineering of a π -conjugated polymer film of the azo dye Bismarck Brown Y. RSC Advances, 2016, 6, 101318-101322.	1.7	15
33	Study on the structural and electrocatalytic properties of Ba ²⁺ - and Eu ³⁺ -doped silica xerogels as sensory platforms. RSC Advances, 2016, 6, 104529-104536.	1.7	19
34	Mechanistic study of the formation of multiblock π -conjugated metallopolymer. Polyhedron, 2016, 117, 415-421.	1.0	10
35	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
36	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

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37	A Simple and Rapid Estimation of Totals Polyphenols Based On Carbon Paste Electrode Modified with Ruthenium Oxo-Complex. <i>Electroanalysis</i> , 2015, 27, 2371-2376.	1.5	8
38	Application of oxo-manganese complex immobilized on ion-exchange polymeric film as biomimetic sensor for nitrite ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 217, 58-64.	4.0	13
39	Study of the potentiometric properties of spinel-type manganese oxide doped with gallium and anions $\text{Ga}_{0.02}\text{Mn}_{1.98}\text{O}_{3.98}\text{X}_{0.02}$ ($\text{X} = \text{S}^{2-}$ and F^{-}) as selective sensor for lithium ion. <i>Electrochimica Acta</i> , 2015, 174, 640-646.	2.6	1
40	Electropolymerization using binuclear nickel(ii) Schiff base complexes bearing N4O4 donors as supramolecular building blocks. <i>RSC Advances</i> , 2015, 5, 39908-39915.	1.7	15
41	Electrochemical investigation of the voltammetric determination of hydrochlorothiazide using a nickel hydroxide modified nickel electrode. <i>Materials Science and Engineering C</i> , 2015, 57, 344-348.	3.8	29
42	A comparison of charge-transfer mechanisms at rotated disk electrode for biomimetic binuclear and tetranuclear oxo-manganese complex in aqueous solution. <i>Inorganica Chimica Acta</i> , 2015, 425, 76-82.	1.2	2
43	Determination of tetramethylthiuram disulfide (thiram) for residual analysis in food using spectrophotometry coupled with a solid-phase reactor (SPR) in a flow system. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 874-883.	1.8	1
44	Glucose Biosensor Based on the Hexacyanoferrate 11-Mercaptoundecyl-N ⁺ ,N ⁺ -Trimethylammonium/6-(Ferrocenyl)Hexanethiol. <i>Procedia Engineering</i> , 2014, 87, 300-303.	1.2	2
45	Electrochemical Properties of the Oxo-Manganese-Phenanthroline Complex Immobilized on Ion-Exchange Polymeric Film and Its Application as Biomimetic Sensor for Sulfite Ions. <i>Electroanalysis</i> , 2014, 26, 2182-2190.	1.5	12
46	Development of an electrochemical sensor based on nanostructured hausmannite-type manganese oxide for detection of sodium ions. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 674-680.	4.0	26
47	Electrochemical Properties of Oxo-Manganese Complex Biomimicking Enzyme Active Sites and Its Electrocatalytic Application for Dopamine Determination. <i>Electrocatalysis</i> , 2013, 4, 92-100.	1.5	13
48	Electrochemical sensor for ranitidine determination based on carbon paste electrode modified with oxovanadium (IV) salen complex. <i>Materials Science and Engineering C</i> , 2013, 33, 4081-4085.	3.8	33
49	Electropolymerization Mechanism in Aqueous Solution of the Oxo-Manganese Complex Biomimicking of the Enzymatic Center Present on the Photosystem II. <i>ECS Transactions</i> , 2012, 43, 159-165.	0.3	1
50	Electrocatalytic study of an electrode modified with Reactive Blue 4 dye covalently immobilized on amine-functionalized silica. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3877-3886.	1.2	8
51	Electrochemical characterization of the paste carbon modified electrode with $\text{K}_2\text{Ni}_0.75\text{Nb}_4.25\text{O}_{15}$ solid in catalytic oxidation of the dipyrone. <i>Sensors and Actuators B: Chemical</i> , 2012, 169, 267-273.	4.0	10
52	Development of an electrochemical sensor for determination of dissolved oxygen by nickel-salen polymeric film modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2012, 175, 111-117.	4.0	71
53	Enzymeless Hydrogen Peroxide Sensor Based on Mn-containing Conducting Metallopolymer. <i>Procedia Engineering</i> , 2012, 47, 1161-1164.	1.2	2
54	Development of Nanostructured Electrochemical Sensor Based on Polymer Film Nickel-Salen for Determination of Dissolved Oxygen. <i>Procedia Engineering</i> , 2011, 25, 1057-1060.	1.2	4

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55	A novel Mn-containing conducting metallopolymer obtained by electropolymerization in aqueous solution of a tetranuclear oxo-bridged manganese complex. <i>Dalton Transactions</i> , 2011, 40, 7133.	1.6	12
56	Short terms effects of air pollution from biomass burning in mucociliary clearance of Brazilian sugarcane cutters. <i>Respiratory Medicine</i> , 2011, 105, 1766-1768.	1.3	33
57	Electrochemical evaluation of the a carbon-paste electrode modified with spinel manganese(IV) oxide under flow conditions for amperometric determination of lithium. <i>Electrochimica Acta</i> , 2011, 56, 2552-2558.	2.6	11
58	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. <i>Electrochimica Acta</i> , 2011, 56, 6804-6811.	2.6	24
59	Study of the potentiometric response of the doped spinel $\text{Li}_{1.05}\text{Al}_{0.02}\text{Mn}_{1.98}\text{O}_4$ for the optimization of a selective lithium ion sensor. <i>Electrochimica Acta</i> , 2010, 55, 5659-5664.	2.6	16
60	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. <i>Current Analytical Chemistry</i> , 2010, 6, 161-165.	0.6	4
61	Determination of the chemical oxygen demand (COD) using a copper electrode: a clean alternative method. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 665-669.	1.2	68
62	Development of an electrochemical sensor for potassium ions based on $\text{K}_2\text{Sr}_2\text{Nb}_5\text{O}_{15}$ modified electrode. <i>Procedia Chemistry</i> , 2009, 1, 293-296.	0.7	29
63	Electrochemical sensor for sulfite determination based on a nanostructured copper-salen film modified electrode. <i>Electrochimica Acta</i> , 2009, 54, 4552-4558.	2.6	105
64	An electrochemical sensor for dipyrone determination based on nickel-salen film modified electrode. <i>Procedia Chemistry</i> , 2009, 1, 297-300.	0.7	37
65	Voltammetric performance and application of a sensor for sodium ions constructed with layered birnessite-type manganese oxide. <i>Talanta</i> , 2009, 80, 519-525.	2.9	15
66	An Electrochemical Sensor Based on Nanostructured Hollandite-type Manganese Oxide for Detection of Potassium Ions. <i>Sensors</i> , 2009, 9, 6613-6625.	2.1	27
67	Determination of Analgesics (Dipyrone and Acetaminophen) in Pharmaceutical Preparations by Cyclic Voltammetry at a Copper(II) Hexacyanoferrate(III) Modified Carbon Paste Electrode. <i>Current Analytical Chemistry</i> , 2009, 5, 303-310.	0.6	26
68	Electrochemical Modified Electrodes Based on Metal-Salen Complexes. <i>Analytical Letters</i> , 2007, 40, 1825-1852.	1.0	50
69	An electrochemical sensor for l-dopa based on oxovanadium-salen thin film electrode applied flow injection system. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 549-555.	4.0	88
70	Evaluation of Different Voltammetric Techniques in the Determination of Amoxicillin Using a Carbon Paste Electrode Modified with $[\text{N,N}(\text{sup } \text{E}^1)\text{-ethylenebis(salicylideneaminato)}]$ oxovanadium(IV). <i>Journal of the Electrochemical Society</i> , 2006, 153, E94.	1.3	54
71	Sensor for cysteine based on oxovanadium(IV) complex of Salen modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2005, 106, 619-625.	4.0	68
72	Utiliza�o de um eletrodo de grafite-ep�xi recoberto com $[\text{Zn}(\text{FEN})_3][\text{tetrakis}(4\text{-clorofenil) borato}]_2$ sens�vel a zinco(II) em meio 1,10-fenantrolina como eletrodo indicador em titula�es potenciom�tricas de precipita�o. <i>Quimica Nova</i> , 2005, 28, 817-821.	0.3	5

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73	Determinação do turbidimétrica de dipirona em fluxo utilizando um reator contendo cloreto de prata imobilizado em resina poliéster. <i>Quimica Nova</i> , 2005, 28, 783-787.	0.3	10
74	Flow Injection Spectrophotometric Determination of Dipyrone in Pharmaceutical Formulations Using Ammonium Molybdate as Chromogenic Reagent. <i>Analytical Letters</i> , 2005, 38, 2315-2326.	1.0	14
75	Voltammetric determination of dipyrone using a N,N'-ethylenebis(salicylideneaminato)oxovanadium(IV) modified carbon-paste electrode. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 803-808.	0.6	48
76	Use of a Carbon Paste Electrode Modified with Spinel-Type Manganese Oxide as a Potentiometric Sensor for Lithium Ions in Flow Injection Analysis. <i>Electroanalysis</i> , 2004, 16, 633-639.	1.5	18
77	Voltammetric determination of isoprenaline in pharmaceutical preparations using a copper(II) hexacyanoferrate(III) modified carbon paste electrode. <i>Microchemical Journal</i> , 2004, 78, 55-59.	2.3	51
78	Voltammetric determination of pyridoxine (Vitamin B6) at a carbon paste electrode modified with vanadyl(IV)-Salen complex. <i>Analytica Chimica Acta</i> , 2004, 508, 79-85.	2.6	66
79	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. <i>Talanta</i> , 2004, 62, 603-609.	2.9	19
80	Voltammetric determination of L-dopa using an electrode modified with trinuclear ruthenium ammine complex (Ru-red) supported on Y-type zeolite. <i>Talanta</i> , 2004, 63, 1083-1088.	2.9	83
81	Carbon paste electrode modified with copper(II) phosphate immobilized in a polyester resin for voltammetric determination of L-ascorbic acid in pharmaceutical formulations. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 214-219.	1.9	28
82	Flow injection amperometric determination of dipyrone in pharmaceutical formulations using a carbon paste electrode. <i>Il Farmaco</i> , 2003, 58, 999-1004.	0.9	28
83	Differential pulse anodic voltammetric determination of lithium ions in pharmaceutical formulations using a carbon paste electrode modified with spinel-type manganese oxide. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 537-543.	1.4	11
84	Evaluation of a carbon paste electrode modified with organofunctionalized amorphous silica in the cadmium determination in a differential pulse anodic stripping voltammetric procedure. <i>Talanta</i> , 2003, 59, 1021-1028.	2.9	56
85	The use of magnesium silicate (talc) in a potentiometric sensor for hydrogen ions. <i>Applied Clay Science</i> , 2003, 23, 323-328.	2.6	7
86	Determination of vitamin B6 (pyridoxine) in pharmaceutical preparations by cyclic voltammetry at a copper(II) hexacyanoferrate(III) modified carbon paste electrode. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 316-321.	0.6	39
87	Flow injection spectrophotometric determination of adrenaline in pharmaceutical formulations using a solid-phase reactor containing lead(IV) dioxide immobilized in a polyester resin. <i>Il Farmaco</i> , 2002, 57, 215-219.	0.9	12
88	A Solid Fe ₂ O ₃ Based Carbon-Epoxy Electrode for Potentiometric Measurements of pH. <i>Journal of Analytical Chemistry</i> , 2002, 57, 826-831.	0.4	7
89	PbO ₂ -based graphite-epoxy electrode for potentiometric determination of acids and bases in aqueous and aqueous-ethanolic media. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 383-386.	1.5	9
90	Flow injection potentiometric determination of bismuth(III) in anti-acid formulations. <i>International Journal of Pharmaceutics</i> , 2001, 221, 115-121.	2.6	14

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91	Flow Injection Determination of levodopa in tablets using a solid-phase reactor containing lead(IV) dioxide immobilized. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 25, 393-398.	1.4	65
92	Voltammetric determination of lithium ions in pharmaceutical formulation using a β -MnO ₂ -modified carbon-paste electrode. <i>Analytica Chimica Acta</i> , 2001, 443, 249-255.	2.6	17
93	A β -MnO ₂ -based graphite-epoxy electrode as lithium ion sensor. <i>Sensors and Actuators B: Chemical</i> , 2000, 67, 96-100.	4.0	15
94	Potentiometric determination of acids and bases using a silica gel based carbon-epoxy indicator electrode. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 86-89.	1.5	8
95	Evaluation of a Fe ₂ O ₃ -based graphite-epoxy tubular electrode as pH sensor in flow injection potentiometry. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 27-31.	0.6	6
96	A novel β -MnO ₂ -based graphite-epoxy electrode for potentiometric determination of acids and bases. <i>Sensors and Actuators B: Chemical</i> , 1999, 56, 169-174.	4.0	15
97	Flow-injection potentiometric determination of iron (III) in vitamin formulations using a tubular ion-selective electrode in oxalic medium. <i>Laboratory Robotics and Automation</i> , 1999, 11, 163-168.	0.3	4
98	Ion-Selective Electrode for the Determination of Iron(III) in Vitamin Formulations. <i>Journal of the Brazilian Chemical Society</i> , 1998, 9, 506-510.	0.6	10
99	Coated Graphite-Epoxy Ion-Selective Electrode for the Determination of Iron(III) in Oxalic Medium. <i>Analytical Letters</i> , 1997, 30, 417-427.	1.0	3
100	Ion-selective electrode for bismuth(III) in ethylenediaminetetraacetate medium. <i>Talanta</i> , 1997, 45, 249-255.	2.9	20
101	Coated-Carbon Rod Ion-Selective Electrode for the Determination of Niobium in Citric Medium. <i>Analytical Letters</i> , 1992, 25, 2187-2198.	1.0	2