

# Luiz Henrique Dall'Antonia

## List of Publications by Year in descending order

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60  
papers

1,462  
citations

304602

22  
h-index

330025

37  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified Electrodes Surface with Inorganic Oxides and Conducting Polymers. , 2022, , 345-359.		0
2	Zn <sub>1-x</sub> CoxO vs Ag-ZnO photoanodes design via combustion: Characterization and application in photoelectrocatalysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 638, 128261.	2.3	6
3	Fe <sub>2</sub> V <sub>4</sub> O <sub>13</sub> photoanode material: an interesting approach to non-enzymatic glucose oxidation. Journal of Materials Science, 2022, 57, 7173-7190.	1.7	6
4	Modified sol-gel synthesis of lithium ternary oxide. Semina: Ciências Exatas E Tecnológicas, 2022, 43, 21.	0.3	0
5	Over 21.0% faradaic efficiency of ambient ammonia production: Photoelectrocatalytic activity of MOF-235. Applied Materials Today, 2022, 28, 101540.	2.3	1
6	Synthesis of novel poly(methacrylic acid)/β <sub>2</sub> -cyclodextrin dual grafted MWCNT-based nanocomposite and its use as electrochemical sensing platform for highly selective determination of cocaine. Journal of Electroanalytical Chemistry, 2021, 880, 114791.	1.9	9
7	Characterization and Photo-Induced Electrocatalytic Evaluation for BiVO <sub>4</sub> Films Obtained by the SILAR Process. Electrocatalysis, 2021, 12, 211-224.	1.5	19
8	Conducting polymers and composites nanowires for energy devices: A brief review. Materials Science for Energy Technologies, 2020, 3, 78-90.	1.0	24
9	Evaluation of the heterostructure ITO/BiVO <sub>4</sub> under blue monochromatic light irradiation for photoelectrochemical application. Journal of Materials Science: Materials in Electronics, 2020, 31, 2833-2844.	1.1	4
10	Fabrication of rGO/β <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> electrodes: characterization and use in photoelectrocatalysis. Journal of Materials Science: Materials in Electronics, 2020, 31, 16882-16897.	1.1	5
11	Copper pyrovanadate electrodes prepared by combustion synthesis: evaluation of photoelectroactivity. Journal of Solid State Electrochemistry, 2020, 24, 1935-1950.	1.2	13
12	Ascorbic acid electrocatalytic activity in different electrolyte solutions using electrodeposited Co(OH) <sub>2</sub> . Ionics, 2019, 25, 1911-1920.	1.2	8
13	n-ZnO/p-Cu <sub>2</sub> O Heterojunction Electrode: Characterization and Evaluation of Their Photoelectrochemical Properties. International Journal of Electrochemical Science, 2019, 14, 3581-3594.	0.5	7
14	Real-time polymerization monitoring in a dual-cured resin cement by magnetic resonance. Polymer Bulletin, 2017, 74, 5163-5179.	1.7	6
15	Solid Phase Extraction to On-Line Preconcentrate Trace Cadmium Using Chemically Modified Nano-Carbon Black with 3-Mercaptopropyltrimethoxysilane. Journal of the Brazilian Chemical Society, 2016, , .	0.6	9
16	Synthesis of Surface Molecularly Imprinted Poly(methacrylic acid-hemin) on Carbon Nanotubes for the Voltammetric Simultaneous Determination of Antioxidants from Lipid Matrices and Biodiesel. Electrochimica Acta, 2016, 212, 322-332.	2.6	33
17	Structure and effects of gold nanoparticles in bacterial cellulose "polyaniline conductive membranes. RSC Advances, 2016, 6, 9571-9580.	1.7	28
18	Dip-coating deposition of resistive BiVO <sub>4</sub> thin film and evaluation of their photoelectrochemical parameters under distinct sources illumination. Journal of Solid State Electrochemistry, 2016, 20, 1527-1538.	1.2	4

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19	BiVO <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> /ITO electrodes prepared by layer-by-layer: Application in the determination of atenolol in pharmaceutical formulations and urine. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 30-36.	1.9	17
20	ZnO AND Ag-ZnO CRYSTALS: SYNTHESIS, CHARACTERIZATION, AND APPLICATION IN HETEROGENEOUS PHOTOCATALYSIS. <i>Quimica Nova</i> , 2016, , .	0.3	2
21	&lt;b&gt;Effect of mediator added to modified paste carbon electrodes with immobilized laccase from &lt;i&gt;Aspergillus oryzae. <i>Acta Scientiarum - Technology</i> , 2015, 37, 265.	0.4	2
22	Photoelectrochemical properties of FTO/p-NiO electrode induced by UV light irradiation. <i>Ionics</i> , 2015, 21, 1407-1415.	1.2	4
23	Dip-coating deposition of BiVO <sub>4</sub> /NiO p-n heterojunction thin film and efficiency for methylene blue degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7705-7714.	1.1	17
24	Electroanalytical application of a boron-doped diamond electrode: Improving the simultaneous voltammetric determination of amlodipine and valsartan in urine and combined dosage forms. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 188-194.	1.9	42
25	BISMUTH VANADATE SYNTHESIZED BY SOLUTION COMBUSTION WITH DIFFERENT FUELS: SYNTHESIS, CHARACTERIZATION AND STUDY OF PHOTOCATALYTIC ACTIVITY. <i>Quimica Nova</i> , 2014, , .	0.3	0
26	ZnO Prepared by Solution Combustion Synthesis: Characterization and Application as Photoanode. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	7
27	Photoelectrochemical properties of FTO/m-BiVO <sub>4</sub> electrode in different electrolytes solutions under visible light irradiation. <i>Ionics</i> , 2014, 20, 105-113.	1.2	18
28	Surfactant effect on electrochemical-induced synthesis of $\gamma$ -Ni(OH) <sub>2</sub> . <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 497-504.	1.2	18
29	A Nonenzymatic Biosensor Based on Gold Electrodes Modified with Peptide Self-Assemblies for Detecting Ammonia and Urea Oxidation. <i>Langmuir</i> , 2014, 30, 11464-11473.	1.6	56
30	An improved method for simultaneous square-wave voltammetric determination of amlodipine and enalapril at multi-walled carbon nanotubes paste electrode based on effect of cationic surfactant. <i>Sensors and Actuators B: Chemical</i> , 2014, 205, 234-243.	4.0	47
31	A highly improved method for sensitive determination of amitriptyline in pharmaceutical formulations using an unmodified carbon nanotube electrode in the presence of sulfuric acid. <i>Talanta</i> , 2014, 127, 26-32.	2.9	26
32	Photoelectroactivity of Bismuth Vanadate Prepared by Combustion Synthesis: Effect of Different Fuels and Surfactants. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
33	A SIMPLE SQUARE-WAVE VOLTAMMETRIC METHOD FOR THE DETERMINATION OF SCOPOLAMINE IN PHARMACEUTICALS USING A BORON-DOPED DIAMOND ELECTRODE. <i>Quimica Nova</i> , 2014, , .	0.3	0
34	Deposition and photo-induced electrical resistivity of dip-coated NiO thin films from a precipitation process. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 1823-1831.	1.1	5
35	Lipase Production by <i>Botryosphaeria ribis</i> EC-01 on Soybean and Castorbean Meals: Optimization, Immobilization, and Application for Biodiesel Production. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1792-1806.	1.4	7
36	Evaluation of boron-doped diamond electrode for simultaneous voltammetric determination of hydrochlorothiazide and losartan in pharmaceutical formulations. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 263-270.	4.0	62

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37	Voltammetric method optimized by multi-response assays for the simultaneous measurements of uric acid and acetaminophen in urine in the presence of surfactant using MWCNT paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 696, 52-58.	1.9	42
38	Simultaneous Square-Wave Voltammetric Determination of Paracetamol, Caffeine and Orphenadrine in Pharmaceutical Formulations Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2013, 25, 1734-1741.	1.5	59
39	Cinética da oxidação de biodiesel de óleo de soja em mistura com TBHQ: determinação do tempo de estocagem. <i>Química Nova</i> , 2012, 35, 733-737.	0.3	25
40	Deposition and characterization of BiVO <sub>4</sub> thin films and evaluation as photoanodes for methylene blue degradation. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3267-3274.	1.2	20
41	Geophysical technique and groundwater monitoring to detect leachate contamination in the surrounding area of a landfill in Londrina (PR - Brazil). <i>Journal of Environmental Management</i> , 2012, 113, 481-487.	3.8	37
42	Ascorbate electro-oxidation by modified electrodes: Polypyrrole and polypyrrole/Ni(OH) <sub>2</sub> composite thin films. <i>Thin Solid Films</i> , 2012, 520, 6424-6428.	0.8	5
43	Properties of baked foams based on cassava starch, sugarcane bagasse fibers and montmorillonite. <i>Carbohydrate Polymers</i> , 2012, 87, 1302-1310.	5.1	84
44	Citric acid as multifunctional agent in blowing films of starch/PBAT. <i>Química Nova</i> , 2011, 34, 1507-1510.	0.3	41
45	Properties of extruded xanthan-starch-clay nanocomposite films. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 1223-1333.	0.5	54
46	Effect of Manufacturing Process and Xanthan Gum Addition on the Properties of Cassava Starch Films. <i>Journal of Polymers and the Environment</i> , 2011, 19, 739-749.	2.4	12
47	EPR in the Characterization of the Shade Effect on Translucence, Remaining Free Radicals, and Polymerization Depth of Commercially Available Resin Composites. <i>Applied Magnetic Resonance</i> , 2010, 39, 381-390.	0.6	15
48	Aplicação do delineamento simplex-centroide no estudo da cinética da oxidação de biodiesel B100 em mistura com antioxidantes sintéticos. <i>Química Nova</i> , 2010, 33, 1726-1731.	0.3	12
49	Electrosynthesis of Bismuth Vanadate Photoelectrodes. <i>Electrochemical and Solid-State Letters</i> , 2010, 13, D29.	2.2	36
50	Hidróxido de níquel suportado em carbono: um catalisador de baixo custo para a eletro-oxidação de alcóis em meio alcalino. <i>Química Nova</i> , 2010, 33, 2027-2031.	0.3	6
51	Avaliação do comportamento de radicais livres e desempenho mecânico de compósitos restauradores dentais comerciais por Ressonância Paramagnética Eletrônica (RPE) combinada às análises convencionais. <i>Polímeros</i> , 2009, 19, 285-291.	0.2	4
52	Electrocatalytic oxidation of urea by nanostructured nickel/cobalt hydroxide electrodes. <i>Electrochimica Acta</i> , 2008, 53, 4030-4034.	2.6	167
53	Growth of surface oxides on gold electrodes under well-defined potential, time and temperature conditions. <i>Journal of Electroanalytical Chemistry</i> , 2005, 578, 1-8.	1.9	77
54	Reduction of interference signal of ascorbate and urate in poly(pyrrole)-based ammonia sensors in aqueous solutions. <i>Electrochimica Acta</i> , 2004, 49, 3665-3670.	2.6	32

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55	“On line” mass spectrometric detection of ammonia oxidation products generated by polypyrrole based amperometric sensors. <i>Analytica Chimica Acta</i> , 2003, 489, 207-214.	2.6	33
56	The effect of Cd, Co, and Zn as additives on nickel hydroxide opto-electrochemical behavior. <i>Journal of Power Sources</i> , 2001, 102, 224-232.	4.0	71
57	Influence of temperature on the growth of surface oxides on palladium electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2001, 502, 72-81.	1.9	64
58	Metodologia para o crescimento de esferas monocristalinas de metais nobres. <i>Quimica Nova</i> , 1999, 22, 760-764.	0.3	8
59	Electrochromic smart windows. <i>Journal of Non-Crystalline Solids</i> , 1992, 147-148, 792-798.	1.5	45
60	The Role of PEG 6000 and PVP as Stabilizing and Surfactant Agents in the Photoelectrochemical Properties of BiVO <sub>4</sub> Monoclinic Structure. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1