

Leonardo S Andrade

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,462
citations

394286

19
h-index

526166

27
g-index

32
all docs

32
docs citations

32
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	On the changing electrochemical behaviour of boron-doped diamond surfaces with time after cathodic pre-treatments. <i>Electrochimica Acta</i> , 2006, 51, 4612-4619.	2.6	206
2	On the performance of Fe and Fe,F doped Ti/Pt/PbO ₂ electrodes in the electrooxidation of the Blue Reactive 19 dye in simulated textile wastewater. <i>Chemosphere</i> , 2007, 66, 2035-2043.	4.2	161
3	Degradation of phenol using Co- and Co,F-doped PbO ₂ anodes in electrochemical filter-press cells. <i>Journal of Hazardous Materials</i> , 2008, 153, 252-260.	6.5	109
4	Electrocatalysis in wastewater treatment: recent mechanism advances. <i>Quimica Nova</i> , 2011, 34, 850-858.	0.3	99
5	On the performances of lead dioxide and boron-doped diamond electrodes in the anodic oxidation of simulated wastewater containing the Reactive Orange 16 dye. <i>Electrochimica Acta</i> , 2009, 54, 2024-2030.	2.6	96
6	Electrochemical determination of bisphenol A using a boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2012, 82, 3-8.	2.6	95
7	Electrochemical degradation of sulfamethoxazole and trimethoprim at boron-doped diamond electrode: Performance, kinetics and reaction pathway. <i>Separation and Purification Technology</i> , 2013, 120, 319-327.	3.9	80
8	Treatment of paint manufacturing wastewater by coagulation/electrochemical methods: Proposals for disposal and/or reuse of treated water. <i>Water Research</i> , 2016, 101, 467-475.	5.3	75
9	On the activation and physical degradation of boron-doped diamond surfaces brought on by cathodic pretreatments. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1817-1827.	1.5	66
10	Simultaneous Differential Pulse Voltammetric Determination of Sulfamethoxazole and Trimethoprim on a Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2009, 21, 1475-1480.	1.5	57
11	A multidimensional high performance liquid chromatography method coupled with amperometric detection using a boron-doped diamond electrode for the simultaneous determination of sulfamethoxazole and trimethoprim in bovine milk. <i>Analytica Chimica Acta</i> , 2009, 654, 127-132.	2.6	57
12	Concrete plant wastewater treatment process by coagulation combining aluminum sulfate and <i>Moringa oleifera</i> powder. <i>Journal of Cleaner Production</i> , 2014, 76, 125-130.	4.6	54
13	Development of a HPLC method to follow the degradation of phenol by electrochemical or photoelectrochemical treatment. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 369-373.	0.6	45
14	Combined use of coagulation (<i>M.Âoleifera</i>) and electrochemical techniques in the treatment of industrial paint wastewater for reuse and/or disposal. <i>Water Research</i> , 2018, 145, 153-161.	5.3	41
15	Electropolishing of AISI-304 stainless steel using an oxidizing solution originally used for electrochemical coloration. <i>Electrochimica Acta</i> , 2005, 50, 2623-2627.	2.6	35
16	Dosage optimization of <i>Moringa oleifera</i> seed and traditional chemical coagulants solutions for concrete plant wastewater treatment. <i>Journal of Cleaner Production</i> , 2018, 174, 123-132.	4.6	35
17	A novel multicommutation stopped-flow system for the simultaneous determination of sulfamethoxazole and trimethoprim by differential pulse voltammetry on a boron-doped diamond electrode. <i>Analytical Methods</i> , 2010, 2, 402.	1.3	33
18	Angiogenic activity of <i>Synadenium umbellatum</i> Pax latex. <i>Brazilian Journal of Biology</i> , 2010, 70, 189-194.	0.4	22

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19	Landfill Leachate Treatment by Combining Coagulation and Advanced Electrochemical Oxidation Techniques. <i>ChemElectroChem</i> , 2019, 6, 1427-1433.	1.7	20
20	Estudo de efeito dos sais precursores sobre as propriedades eletrocatalíticas de eletrodos de Ti-SnO ₂ /Sb preparados por decomposição térmica. <i>Química Nova</i> , 2004, 27, 866-872.	0.3	18
21	Absence of antimutagenicity of <i>Cochlospermum regium</i> (Mart. and Schr.) Pilger 1924 by micronucleus test in mice. <i>Brazilian Journal of Biology</i> , 2008, 68, 155-159.	0.4	14
22	Development and application of a cloud point method for the extraction of natural estrogens E1 and E2 from urine samples and their simultaneous determination by HPLC-EC using a BDD electrode. <i>Analytical Methods</i> , 2017, 9, 1627-1633.	1.3	10
23	Electrochemical determination of thiabendazole pesticide extracted and preconcentrated from tomato samples by cloud point extraction. <i>Analytical Methods</i> , 2020, 12, 5823-5832.	1.3	9
24	Chemical coagulants and <i>Moringa oleifera</i> seed extract for treating concrete wastewater. <i>Acta Scientiarum - Technology</i> , 2016, 38, 57.	0.4	6
25	Dye Degradation Enhanced by Coupling Electrochemical Process and Heterogeneous Photocatalysis. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	5
26	Performance and Kinetic-Mechanistic Aspects in the Electrochemical Degradation of Sulfadiazine on Boron-Doped Diamond Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	2
27	Quality and treatment of waste water from concrete plants: a case study. <i>Water Management</i> , 2019, 172, 30-38.	0.4	1
28	Organic Pollutants in Water, Direct Electrochemical Oxidation Using PbO ₂ . , 2014, , 1418-1423.		0
29	Práticas Educativas Interdisciplinares: desenvolvimento dos saberes e fazeres para a formação de professores do Pibid Interdisciplinar. <i>Revista EDaPECI</i> , 2016, 16, 413-426.	0.0	0
30	Combining Chemical and Photo-Fenton Solar Coagulation Processes in the Treatment of Real Wastewater from Paint Industry. <i>Orbital</i> , 2019, 11, .	0.1	0