

Dos Santos, Ev

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,968
citations

218677

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265206

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docs citations

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times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Promoting CO ₂ electroreduction on boron-doped diamond electrodes: Challenges and trends. <i>Current Opinion in Electrochemistry</i> , 2022, 32, 100890.	4.8	8
2	Ultrasound and UV technologies for wastewater treatment using boron-doped diamond anodes. <i>Current Opinion in Electrochemistry</i> , 2022, 33, 100935.	4.8	3
3	Achieving Electrochemical-Sustainable-Based Solutions for Monitoring and Treating Hydroxychloroquine in Real Water Matrix. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 699.	2.5	5
4	An Electroanalytical Solution for the Determination of Pb ²⁺ in Progressive Hair Dyes Using the Cork-Graphite Sensor. <i>Sensors</i> , 2022, 22, 1466.	3.8	4
5	Full and Sustainable Electrochemical Production of Chlorine Dioxide. <i>Catalysts</i> , 2022, 12, 315.	3.5	4
6	Towards Use of Persulfate Electrogenerated at Boron Doped Diamond Electrodes as Ex-Situ Oxidation Approach: Storage and Service-Life Solution Parameters. <i>Journal of the Electrochemical Society</i> , 2022, 169, 033506.	2.9	10
7	Towards the production of chlorine dioxide from electrochemically produced solutions of chlorate. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2024-2031.	3.2	6
8	Cork-based permeable reactive barriers coupled to electrokinetic processes for interrupting pollutants reaching groundwater: a case study of lead-contaminated soil. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2861-2870.	3.2	4
9	Application of electro-Fenton and photoelectro-Fenton processes for the degradation of contaminants in landfill leachate. <i>Environmental Research</i> , 2022, 213, 113552.	7.5	10
10	Design of highly efficient porous carbon foam cathode for electro-Fenton degradation of antimicrobial sulfanilamide. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119652.	20.2	78
11	Electrochemical Determination of Lead Using A Composite Sensor Obtained from Low-Cost Green Materials:Graphite/Cork. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2355.	2.5	15
12	Advanced oxidation/reduction technologies: a perspective from Iberoamerican countries. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23565-23567.	5.3	1
13	Relevance of gaseous flows in electrochemically assisted soil thermal remediation. <i>Current Opinion in Electrochemistry</i> , 2021, 27, 100698.	4.8	4
14	Green Composite Sensor for Monitoring Hydroxychloroquine in Different Water Matrix. <i>Materials</i> , 2021, 14, 4990.	2.9	17
15	Applicability of Cork as Novel Modifiers to Develop Electrochemical Sensor for Caffeine Determination. <i>Materials</i> , 2021, 14, 37.	2.9	16
16	Production of Chlorine Dioxide Using Hydrogen Peroxide and Chlorates. <i>Catalysts</i> , 2021, 11, 1478.	3.5	8
17	Coupling of Anodic Oxidation and Soil Remediation Processes: A Review. <i>Materials</i> , 2020, 13, 4309.	2.9	15
18	Cathodic hydrogen production by simultaneous oxidation of methyl red and 2,4-dichlorophenoxyacetate in aqueous solutions using PbO ₂ , Sb-doped SnO ₂ and Si/BDD anodes. Part 2: hydrogen production. <i>RSC Advances</i> , 2020, 10, 37947-37955.	3.6	12

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19	Integrated-electrochemical approaches powered by photovoltaic energy for detecting and treating paracetamol in water. <i>Journal of Electroanalytical Chemistry</i> , 2020, 876, 114734.	3.8	18
20	Understanding the electrochemical oxidation of dyes on platinum and boron-doped diamond electrode surfaces: experimental and computational study. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 3245-3256.	2.5	16
21	Cathodic hydrogen production by simultaneous oxidation of methyl red and 2,4-dichlorophenoxyacetate aqueous solutions using Pb/PbO ₂ , Ti/Sb-doped SnO ₂ and Si/BDD anodes. Part 1: electrochemical oxidation. <i>RSC Advances</i> , 2020, 10, 37695-37706.	3.6	14
22	Simultaneous determination of paracetamol and caffeine in pharmaceutical formulations and synthetic urine using cork-modified graphite electrodes. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1789-1800.	2.5	17
23	Obtaining high-added value products from the technical cashew-nut shell liquid using electrochemical oxidation with BDD anodes. <i>Separation and Purification Technology</i> , 2020, 250, 117099.	7.9	20
24	Combination of electrokinetic remediation with permeable reactive barriers to remove organic compounds from soils. <i>Current Opinion in Electrochemistry</i> , 2020, 22, 136-144.	4.8	40
25	Investigation of persulfate production on BDD anode by understanding the impact of water concentration. <i>Journal of Electroanalytical Chemistry</i> , 2020, 860, 113927.	3.8	53
26	Electro-Fenton catalyzed by Fe-rich lateritic soil for the treatment of food colorant Bordeaux Red (E123): Catalyst characterization, optimization of operating conditions and mechanism of oxidation. <i>Separation and Purification Technology</i> , 2020, 242, 116776.	7.9	21
27	Theoretical and experimental study of the influence of cationic Eriochrome complexes on the BDD anodic oxidation of Eriochrome Black T solutions. <i>Electrochemistry Communications</i> , 2020, 112, 106668.	4.7	13
28	Electrokinetic-Fenton for the remediation low hydraulic conductivity soil contaminated with petroleum. <i>Chemosphere</i> , 2020, 248, 126029.	8.2	41
29	Solar photovoltaic-battery system as a green energy for driven electrochemical wastewater treatment technologies: Application to elimination of Brilliant Blue FCF dye solution. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102924.	6.7	31
30	Solar-powered BDD electrolysis remediation of soil washing fluid spiked with diesel. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2999-3006.	3.2	24
31	Novel cork-graphite electrochemical sensor for voltammetric determination of caffeine. <i>Journal of Electroanalytical Chemistry</i> , 2019, 839, 283-289.	3.8	31
32	Diamond Films as Support for Electrochemical Systems for Energy Conversion and Storage. <i>Topics in Applied Physics</i> , 2019, , 199-222.	0.8	0
33	Calcite buffer effects in electrokinetic remediation of clopyralid-polluted soils. <i>Separation and Purification Technology</i> , 2019, 212, 376-387.	7.9	30
34	Intensification of petroleum elimination in the presence of a surfactant using anodic electrochemical treatment with BDD anode. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 453-458.	3.8	32
35	Coupling electrokinetic remediation with phytoremediation for depolluting soil with petroleum and the use of electrochemical technologies for treating the effluent generated. <i>Separation and Purification Technology</i> , 2019, 208, 194-200.	7.9	47
36	Coupling Photo and Sono Technologies with BDD Anodic Oxidation for Treating Soil-Washing Effluent Polluted with Atrazine. <i>Journal of the Electrochemical Society</i> , 2018, 165, E262-E267.	2.9	18

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37	Sulfate pollution: evidence for electrochemical production of persulfate by oxidizing sulfate released by the surfactant sodium dodecyl sulfate. <i>Environmental Chemistry Letters</i> , 2018, 16, 647-652.	16.2	37
38	Applicability of electrochemical technologies for removing and monitoring Pb ²⁺ from soil and water. <i>Journal of Electroanalytical Chemistry</i> , 2018, 816, 171-178.	3.8	32
39	Electrochemical advanced oxidation processes (EAOPs) as alternative treatment techniques for carwash wastewater reclamation. <i>Chemosphere</i> , 2018, 211, 998-1006.	8.2	78
40	Coupled Electrochemical Processes for Removing Dye from Soil and Water. <i>Journal of the Electrochemical Society</i> , 2018, 165, E318-E324.	2.9	12
41	Photo-Electrochemical Technologies for Removing Organic Compounds in Wastewater. , 2018, , 239-266.		5
42	UV assisted electrochemical technologies for the removal of oxyfluorfen from soil washing wastes. <i>Chemical Engineering Journal</i> , 2017, 318, 2-9.	12.7	34
43	Treatment of ex-situ soil-washing fluids polluted with petroleum by anodic oxidation, photolysis, sonolysis and combined approaches. <i>Chemical Engineering Journal</i> , 2017, 310, 581-588.	12.7	61
44	Treating soil-washing fluids polluted with oxyfluorfen by sono-electrolysis with diamond anodes. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 115-122.	8.2	40
45	Reversible electrokinetic adsorption barriers for the removal of atrazine and oxyfluorfen from spiked soils. <i>Journal of Hazardous Materials</i> , 2017, 322, 413-420.	12.4	53
46	Application of electrokinetic soil flushing to four herbicides: A comparison. <i>Chemosphere</i> , 2016, 153, 205-211.	8.2	44
47	Removal of oxyfluorfen from ex-situ soil washing fluids using electrolysis with diamond anodes. <i>Journal of Environmental Management</i> , 2016, 171, 260-266.	7.8	33
48	Combined soil washing and CDEO for the removal of atrazine from soils. <i>Journal of Hazardous Materials</i> , 2015, 300, 129-134.	12.4	75
49	Role of sp ³ /sp ² ratio on the electrocatalytic properties of boron-doped diamond electrodes: A mini review. <i>Electrochemistry Communications</i> , 2015, 59, 52-55.	4.7	226
50	The role of particle size on the conductive diamond electrochemical oxidation of soil-washing effluent polluted with atrazine. <i>Electrochemistry Communications</i> , 2015, 55, 26-29.	4.7	64
51	Scale-up of electrochemical oxidation system for treatment of produced water generated by Brazilian petrochemical industry. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8466-8475.	5.3	65
52	Electrochemical degradation of Novacron Yellow C-RG using boron-doped diamond and platinum anodes: Direct and Indirect oxidation. <i>Electrochimica Acta</i> , 2014, 140, 419-426.	5.2	85
53	Method validation and occurrence of dioxins and furans (PCDD/Fs) in fish from Brazil. <i>Analytical Methods</i> , 2014, 6, 1963-1969.	2.7	11
54	Semi-Continuous Electrokinetic Dewatering of Phosphatic Clay Suspensions. <i>Electrochimica Acta</i> , 2014, 140, 438-446.	5.2	15

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55	Decontamination of produced water containing petroleum hydrocarbons by electrochemical methods: a minireview. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8432-8441.	5.3	53
56	Applicability of Electroanalysis for Monitoring Oxalic Acid (OA) Concentration During its Electrochemical Oxidation at Different Electrode Materials. <i>Electrocatalysis</i> , 2013, 4, 267-273.	3.0	7
57	Electrochemical treatment of fresh, brine and saline produced water generated by petrochemical industry using Ti/IrO ₂ and Ta ₂ O ₅ and BDD in flow reactor. <i>Chemical Engineering Journal</i> , 2013, 233, 47-55.	12.7	100
58	Determination of calcium content in tablets for treatment of osteoporosis using thermogravimetry (TG). <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1965-1970.	3.6	5
59	Applicability of electroanalysis for monitoring oxalic acid (OA) concentration during its electrochemical oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2013, 701, 32-35.	3.8	10
60	Electrochemical Oxidation of Oxalic Acid at Different Anode Materials: Applicability of Electroanalysis for Monitoring OA Degradation. <i>ECS Transactions</i> , 2012, 43, 353-361.	0.5	2
61	Single laboratory validation of a SPE method for the determination of PAHs in edible oils by GC-MS. <i>Analytical Methods</i> , 2012, 4, 4068.	2.7	15
62	Determinação do teor de cálcio em comprimido à base de lactato de cálcio utilizado no tratamento da osteoporose. <i>Química Nova</i> , 2012, 35, 1355-1359.	0.3	3
63	Applicability of diamond electrode/anode to the electrochemical treatment of a real textile effluent. <i>Journal of Electroanalytical Chemistry</i> , 2012, 674, 103-107.	3.8	116