

Carmem Lucia De Paiva E Silva Zanta

List of Publications by Year in descending order

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33
papers

872
citations

516710

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552781

26
g-index

33
all docs

33
docs citations

33
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of electrochemical technology to the remediation of oily wastewater. <i>Chemosphere</i> , 2006, 64, 393-399.	8.2	108
2	Electrochemical oxidation of Methyl Red using Ti/Ru _{0.3} Ti _{0.7} O ₂ and Ti/Pt anodes. <i>Chemical Engineering Journal</i> , 2012, 204-206, 141-150.	12.7	98
3	Active chlorine species electrogenerated on Ti/Ru _{0.3} Ti _{0.7} O ₂ surface: Electrochemical behavior, concentration determination and their application. <i>Journal of Electroanalytical Chemistry</i> , 2014, 731, 145-152.	3.8	89
4	Electrochemical oxidation of <i>p</i> -chlorophenol on SnO ₂ •Sb ₂ O ₅ -based anodes for wastewater treatment. <i>Journal of Applied Electrochemistry</i> , 2003, 33, 1211-1215.	2.9	81
5	Evaluation of caffeine adsorption by MgAl-LDH/biochar composite. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31804-31811.	5.3	61
6	Adsorption of a non-steroidal anti-inflammatory drug onto MgAl/LDH-activated carbon composite – Experimental investigation and statistical physics modeling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124217.	4.7	51
7	Evaluation of treatment of effluents contaminated with rifampicin by Fenton, electrochemical and associated processes. <i>Journal of Water Process Engineering</i> , 2018, 22, 250-257.	5.6	46
8	Electrochemical removal of synthetic textile dyes from aqueous solutions using Ti/Pt anode: role of dye structure. <i>Environmental Science and Pollution Research</i> , 2014, 21, 9777-9784.	5.3	44
9	Electrochemical degradation and toxicity evaluation of reactive dyes mixture and real textile effluent over DSA® electrodes. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 153, 107940.	3.6	38
10	Removal of the drug procaine from acidic aqueous solutions using a flow reactor with a boron-doped diamond anode. <i>Separation and Purification Technology</i> , 2019, 216, 65-73.	7.9	23
11	Fructose conversion in the presence of Sn(IV) catalysts exhibiting high selectivity to lactic acid. <i>RSC Advances</i> , 2015, 5, 90952-90959.	3.6	22
12	Regeneration of activated carbon adsorbent by anodic and cathodic electrochemical process. <i>Chemical Engineering Research and Design</i> , 2022, 159, 1150-1163.	5.6	22
13	Interference of inorganic ions on phenol degradation by the Fenton reaction. <i>Scientia Agricola</i> , 2012, 69, 347-351.	1.2	20
14	Printing ink effluent remediation: A comparison between electrochemical and Fenton treatments. <i>Journal of Water Process Engineering</i> , 2019, 31, 100803.	5.6	20
15	Removal of Reactive Dyes from Aqueous Solution by Fenton Reaction: Kinetic Study and Phytotoxicity Tests. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	18
16	The electro-oxidation of tetracycline hydrochloride in commercial DSA® modified by electrodeposited platinum. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23595-23609.	5.3	18
17	Energy loss in electrochemical diaphragm process of chlorine and alkali industry – A collateral effect of the undesirable generation of chlorate. <i>Energy</i> , 2010, 35, 2174-2178.	8.8	17
18	Electrochemical Degradation of Methyl Red Using Ti/Ru _{0.3} Ti _{0.7} O ₂ : Fragmentation of Azo Group. <i>Electrocatalysis</i> , 2013, 4, 312-319.	3.0	16

#	ARTICLE	IF	CITATIONS
19	Fenton-based processes for the regeneration of biochar from <i>Syagrus coronata</i> biomass used as dye adsorbent. , 0, 162, 391-398.		16
20	Reusable iron magnetic catalyst for organic pollutant removal by Adsorption, Fenton and Photo Fenton process. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 432, 114089.	3.9	16
21	Efficiency and toxicity: comparison between the Fenton and electrochemical processes. Water Science and Technology, 2016, 74, 1143-1154.	2.5	13
22	Ecotoxicological evaluation of a fish farming effluent treated by Fenton oxidation and coagulation process. Separation Science and Technology, 2020, 55, 2967-2976.	2.5	12
23	Development of a system for treatment of coconut industry wastewater using electrochemical processes followed by Fenton reaction. Water Science and Technology, 2014, 69, 2258-2264.	2.5	11
24	Electrochemical behaviour of platinum at polymer-modified glassy carbon electrodes. Journal of Chemical Sciences, 2007, 119, 283-288.	1.5	5
25	Decontamination of real urban sewage – comparison between Fenton and electrochemical oxidation. Environmental Science and Pollution Research, 2022, 29, 35061-35072.	5.3	4
26	Tooth whitening affects bond strength of adhesive systems in enamel. Revista Materia, 2018, 23, .	0.2	2
27	PANORAMA DA ELETROQUÍMICA E ELETROANALÍTICA NO BRASIL. Química Nova, 2017, , .	0.3	1
28	ESTUDO PROSPECTIVO DO USO DA PRÃ“POLIS COMO INIBIDOR DE CORROSÃ“O. Cadernos De ProspecÃ“o, 2017, 10, 615.	0.1	0
29	The Oxidation Efficiency of Commercial, Electrogenerated and Electrogenerated In Situ Hypochlorite. Revista Virtual De Química, 2018, 10, 851-862.	0.4	0
30	PROCESSOS OXIDATIVOS AVANÇADOS NO TRATAMENTO DE EFLUENTE CONTENDO VERDE MALAQUITA: ESTUDO PROSPECTIVO. Cadernos De ProspecÃ“o, 0, 11, 509.	0.1	0
31	INVESTIGAÃ“O PROSPECTIVA DOS WHISKERS DE ESTANHO. Cadernos De ProspecÃ“o, 2018, 11, 653.	0.1	0
32	MAPEAMENTO TECNOLÓGICO E CIENTÍFICO DE NOVAS COMPOSIÇÕES INIBIDORAS DE CORROSÃO. Cadernos De ProspecÃ“o, 2018, 11, 1579.	0.1	0
33	CLARIFICAÃ“O DO CALDO DE CANA-DE-AÃ“ÇCAR UTILIZANDO A REAÃ“O DE PEROXIDAÃ“O COM INCIDÃ“NCIA DE LUZ ULTRAVIOLETA. The Journal of Engineering and Exact Sciences, 2020, 6, 0214-0220.	0.1	0