

# 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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h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decontamination of real urban sewage – comparison between Fenton and electrochemical oxidation. Environmental Science and Pollution Research, 2022, 29, 35061-35072.	5.3	4
2	Regeneration of activated carbon adsorbent by anodic and cathodic electrochemical process. Chemical Engineering Research and Design, 2022, 159, 1150-1163.	5.6	22
3	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
4	The electro-oxidation of tetracycline hydrochloride in commercial DSA® modified by electrodeposited platinum. Environmental Science and Pollution Research, 2021, 28, 23595-23609.	5.3	18
5	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
6	Adsorption of a non-steroidal anti-inflammatory drug onto MgAl/LDH-activated carbon composite – Experimental investigation and statistical physics modeling. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124217.	4.7	51
7	Electrochemical degradation and toxicity evaluation of reactive dyes mixture and real textile effluent over DSA® electrodes. Chemical Engineering and Processing: Process Intensification, 2020, 153, 107940.	3.6	38
8	Removal of Reactive Dyes from Aqueous Solution by Fenton Reaction: Kinetic Study and Phytotoxicity Tests. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	18
9	CLARIFICAÇÃO DO CALDO DE CANA-DE-ÁÇÚCAR UTILIZANDO A REAÇÃO DE PEROXIDAÇÃO COM INCIDÊNCIA DE LUZ ULTRAVIOLETA. The Journal of Engineering and Exact Sciences, 2020, 6, 0214-0220.	0.1	0
10	Evaluation of caffeine adsorption by MgAl-LDH/biochar composite. Environmental Science and Pollution Research, 2019, 26, 31804-31811.	5.3	61
11	Removal of the drug procaine from acidic aqueous solutions using a flow reactor with a boron-doped diamond anode. Separation and Purification Technology, 2019, 216, 65-73.	7.9	23
12	Printing ink effluent remediation: A comparison between electrochemical and Fenton treatments. Journal of Water Process Engineering, 2019, 31, 100803.	5.6	20
13	Evaluation of treatment of effluents contaminated with rifampicin by Fenton, electrochemical and associated processes. Journal of Water Process Engineering, 2018, 22, 250-257.	5.6	46
14	Tooth whitening affects bond strength of adhesive systems in enamel. Revista Materia, 2018, 23, .	0.2	2
15	The Oxidation Efficiency of Commercial, Electrogenerated and Electrogenerated In Situ Hypochlorite. Revista Virtual De Quimica, 2018, 10, 851-862.	0.4	0
16	INVESTIGAÇÃO PROSPECTIVA DOS WHISKERS DE ESTANHO. Cadernos De Prospecção, 2018, 11, 653.	0.1	0
17	MAPEAMENTO TECNOLÓGICO E CIENTÍFICO DE NOVAS COMPOSIÇÕES INIBIDORAS DE CORROSÃO. Cadernos De Prospecção, 2018, 11, 1579.	0.1	0
18	PANORAMA DA ELETROQUÍMICA E ELETROANALÍTICA NO BRASIL. Quimica Nova, 2017, .	0.3	1

#	ARTICLE	IF	CITATIONS
19	ESTUDO PROSPECTIVO DO USO DA PRÁ“POLIS COMO INIBIDOR DE CORROSÃO. Cadernos De Prospecção, 2017, 10, 615.	0.1	0
20	Efficiency and toxicity: comparison between the Fenton and electrochemical processes. Water Science and Technology, 2016, 74, 1143-1154.	2.5	13
21	Fructose conversion in the presence of Sn(IV) catalysts exhibiting high selectivity to lactic acid. RSC Advances, 2015, 5, 90952-90959.	3.6	22
22	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
23	Active chlorine species electrogenerated on Ti/Ru <sub>0.3</sub> Ti <sub>0.7</sub> O <sub>2</sub> surface: Electrochemical behavior, concentration determination and their application. Journal of Electroanalytical Chemistry, 2014, 731, 145-152.	3.8	89
24	Electrochemical removal of synthetic textile dyes from aqueous solutions using Ti/Pt anode: role of dye structure. Environmental Science and Pollution Research, 2014, 21, 9777-9784.	5.3	44
25	Electrochemical Degradation of Methyl Red Using Ti/Ru <sub>0.3</sub> Ti <sub>0.7</sub> O <sub>2</sub> : Fragmentation of Azo Group. Electroanalysis, 2013, 4, 312-319.	3.0	16
26	Interference of inorganic ions on phenol degradation by the Fenton reaction. Scientia Agricola, 2012, 69, 347-351.	1.2	20
27	Electrochemical oxidation of Methyl Red using Ti/Ru <sub>0.3</sub> Ti <sub>0.7</sub> O <sub>2</sub> and Ti/Pt anodes. Chemical Engineering Journal, 2012, 204-206, 141-150.	12.7	98
28	Energy loss in electrochemical diaphragm process of chlorine and alkali industry – A collateral effect of the undesirable generation of chlorate. Energy, 2010, 35, 2174-2178.	8.8	17
29	Electrochemical behaviour of platinum at polymer-modified glassy carbon electrodes. Journal of Chemical Sciences, 2007, 119, 283-288.	1.5	5
30	The application of electrochemical technology to the remediation of oily wastewater. Chemosphere, 2006, 64, 393-399.	8.2	108
31	Electrochemical oxidation of <i>p</i> -chlorophenol on SnO <sub>2</sub> –Sb <sub>2</sub> O <sub>5</sub> -based anodes for wastewater treatment. Journal of Applied Electrochemistry, 2003, 33, 1211-1215.	2.9	81
32	Fenton-based processes for the regeneration of biochar from Syagrus coronata biomass used as dye adsorbent. , 0, 162, 391-398.		16
33	PROCESSOS OXIDATIVOS AVANÇADOS NO TRATAMENTO DE EFLUENTE CONTENDO VERDE MALAQUITA: ESTUDO PROSPECTIVO. Cadernos De Prospecção, 0, 11, 509.	0.1	0