

# Denise Alves Fungaro

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,196  
citations

430874

18  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Pure Silica Nanoparticles with High Adsorption Capacity Obtained from Sugarcane Waste Ash. ACS Omega, 2018, 3, 2618-2627.	3.5	159
2	Synthesis of zeolites X and A from fly ashes for cadmium and zinc removal from aqueous solutions in single and binary ion systems. Fuel, 2013, 103, 827-834.	6.4	141
3	Coal fly ash supported Co <sub>3</sub> O <sub>4</sub> catalysts for phenol degradation using peroxymonosulfate. RSC Advances, 2012, 2, 5645.	3.6	112
4	Characteristics of Brazilian coal fly ashes and their synthesized zeolites. Fuel Processing Technology, 2012, 97, 38-44.	7.2	65
5	Synthesis and characterization of magnetic adsorbent prepared by magnetite nanoparticles and zeolite from coal fly ash. Journal of Materials Science, 2013, 48, 5093-5101.	3.7	60
6	Adsorption and kinetic studies of methylene blue on zeolite synthesized from fly ash. Desalination and Water Treatment, 2009, 2, 231-239.	1.0	58
7	Adsorption of indigo carmine from aqueous solution using coal fly ash and zeolite from fly ash. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 617-626.	1.5	58
8	Poly(ester sulphonic acid) coated mercury thin film electrodes: characterization and application in batch injection analysis stripping voltammetry of heavy metal ions. Talanta, 2000, 50, 1223-1231.	5.5	55
9	Novel polymer-modified electrodes for batch injection sensors and application to environmental analysis. Journal of Electroanalytical Chemistry, 1999, 468, 26-33.	3.8	53
10	Pyrolytic temperature evaluation of macauba biochar for uranium adsorption from aqueous solutions. Biomass and Bioenergy, 2019, 122, 381-390.	5.7	49
11	Green Synthesis and Characterization of Biosilica Produced from Sugarcane Waste Ash. Journal of Chemistry, 2017, 2017, 1-9.	1.9	46
12	Remediaço de drenagem cida de mina usando zelitas sintetizadas a partir de cinzas leves de carvo. Quimica Nova, 2006, 29, 735-740.	0.3	39
13	Fast, efficient and clean adsorption of bisphenol-A using renewable mesoporous silica nanoparticles from sugarcane waste ash. RSC Advances, 2020, 10, 27706-27712.	3.6	38
14	Adsorço do corante reativo laranja 16 de soluçes aquosas por zelita sinttica. Quimica Nova, 2010, 33, 358-363.	0.3	32
15	Biodegradable Films Derived from Corn and Potato Starch and Study of the Effect of Silicate Extracted from Sugarcane Waste Ash. ACS Applied Polymer Materials, 2020, 2, 2160-2169.	4.4	30
16	Microelectrode arrays: application in batch-injection analysis. Analytica Chimica Acta, 1999, 385, 257-264.	5.4	26
17	Nafion-Coated Mercury Thin Film and Glassy Carbon Electrodes for Electroanalysis: Characterization by Electrochemical Impedance. Electroanalysis, 2001, 13, 212-218.	2.9	25
18	Surfactant Modified Zeolite from Cyclone Ash as Adsorbent for Removal of Reactive Orange 16 from Aqueous Solution. American Journal of Environmental Protection, 2013, 1, 1-9.	0.4	24

#	ARTICLE	IF	CITATIONS
19	Utiliza��o de ze��lita preparada a partir de cinza residu��ria de carv��o como adsorvedor de metais em ��gua. Quimica Nova, 2002, 25, 1081-1085.	0.3	21
20	Adsorption of Zinc Ions from Water Using Zeolite/Iron Oxide Composites. Adsorption Science and Technology, 2007, 25, 729-740.	3.2	19
21	Study of Renewable Silica Powder Influence in the Preparation of Bioplastics from Corn and Potato Starch. Journal of Polymers and the Environment, 2021, 29, 707-720.	5.0	15
22	Modified electrode voltammetric sensors for trace metals in environmental samples. Journal of the Brazilian Chemical Society, 2000, 11, 298-303.	0.6	12
23	Kinetic study of uranium removal from aqueous solutions by maca��ba biochar. Chemical Engineering Communications, 2019, 206, 1354-1366.	2.6	12
24	Estabiliza��o de solo contaminado com zinco usando ze��litas sintetizadas a partir de cinzas de carv��o. Quimica Nova, 2004, 27, 582-585.	0.3	10
25	Zeolite Synthesis from Brazilian Coal Fly Ash for Removal of Zn <sup>2+</sup> and Cd <sup>2+</sup> from Water. Advanced Materials Research, 2011, 356-360, 1900-1908.	0.3	7
26	S��ntese e caracteriza��o de ze��lita de cinzas de carv��o modificada por surfactante cati��nico. Ceramica, 2012, 58, 77-83.	0.8	7
27	Eletrodos modificados com pol��meros perfluorados e sulfonados: aplica��es em an��lises ambientais. Quimica Nova, 2000, 23, 805-811.	0.3	6
28	Aluminium Tertiary Industry Waste and Ashes Samples for Development of Zeolitic Material Synthesis. Journal of Applied Materials and Technology, 2021, 2, 66-73.	0.5	5
29	Remo��o de ��ons Zn <sup>2+</sup> , Cd <sup>2+</sup> e Pb <sup>2+</sup> de solu��es aquosas usando comp��sito magn��tico de ze��lita de cinzas de carv��o. Quimica Nova, 2010, 33, 1275-1278.	0.3	4
30	Adsorption of Acid Orange 8 Dye from Aqueous Solution Onto Unmodified and Modified Zeolites. Orbital, 2015, 7, .	0.3	4
31	Synthesis of Calcium Silicate Hydrate Compounds From Wet Flue Gas Desulfurization (FGD) Waste. Journal of Applied Materials and Technology, 2020, 1, 88-95.	0.5	2
32	The Catalytic Feature of the [Co(bipy) <sub>3</sub> ] <sup>2+</sup> /CHCl <sub>3</sub> System in N,N'-Dimethylformamide using Pulse Polarography. Journal of the Brazilian Chemical Society, 1995, 6, 23-27.	0.6	2
33	Brine sludge waste from a Chlor-alkali industry: characterization and its application for non-structural and structural construction materials. Journal of Applied Materials and Technology, 2021, 3, 1-7.	0.5	0
34	Polarographic Studies of Cobalt (II)-Bipyridyl Complexes in the Presence of Sodium Borohydride in Water-Dimethylformamide Mixtures. Journal of the Brazilian Chemical Society, 1996, 7, 151-155.	0.6	0