

# Alisson C Borges

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7051242/alisson-c-borges-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83 papers	700 citations	13 h-index	22 g-index
100 ext. papers	856 ext. citations	2.6 avg, IF	4.4 L-index

#	Paper	IF	Citations
83	Effect of the Progressive Increase of Organic Loading Rate in an Anaerobic Sequencing Batch Reactor for Biodiesel Wastewater Treatment. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 223	3	1
82	Exploring the Removal of Organic Matter in Constructed Wetlands Using First Order Kinetic Models. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 472	3	0
81	Feasibility of using different renewable energy sources in Brazilian swine farmings. <i>Journal of Cleaner Production</i> , <b>2022</b> , 333, 130040	10.3	2
80	Swine Wastewater Treatment in Constructed Wetland Systems: Hydraulic and Kinetic Modeling. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 681	3	1
79	Study of internal and external temperatures and their influence on covered lagoon digester performance. <i>Biomass and Bioenergy</i> , <b>2022</b> , 159, 106380	5.3	1
78	Panorama da utiliza�� de tanques s��pticos e filtros anaer��bios no tratamento descentralizado de esgotos no Brasil <b>2022</b> , 70, 34-51	0.2	
77	A simpler statistical approach to estimate the allowable effluent discharge into a low monitored river network.. <i>Science of the Total Environment</i> , <b>2022</b> , 154609	10.2	0
76	Comparison of first-order kinetic models for sewage treatment in horizontal subsurface-flow constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 42, 4511-4518	2.6	1
75	L��io, dextrana e rodamina na avalia�� da hidrodin��mica de sistemas alagados constru��dos. <i>Engenharia Sanit��ria E Ambiental</i> , <b>2021</b> , 26, 701-710	0.4	1
74	PHYTOREMEDIATION OF FLUORIDE-CONTAMINATED WATER BY <i>Landoltia punctata</i> . <i>Engenharia Agr��cola</i> , <b>2021</b> , 41, 171-180	0.6	3
73	Decentralized management of sewage using septic tanks and anaerobic filters and its potential to comply with required standards in a developing country: a case study in Brazil. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 50001-50016	5.1	0
72	Effects of Packing Media and the Insertion of Vegetation on the Performance of Biological Trickling Filters. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1735	3	
71	Green coagulants recovering <i>Scenedesmus obliquus</i> : An optimization study. <i>Chemosphere</i> , <b>2021</b> , 262, 127881	8.4	2
70	Kinetics and Removal Efficiency of Nitrogen in Constructed Wetlands Cultivated with Different Plant Species for Treating Swine Wastewater Applied at Different Rates. <i>Water, Air, and Soil Pollution</i> , <b>2021</b> , 232, 1	2.6	3
69	Dairy Wastewater Treatment with Organic Coagulants: A Comparison of Factorial Designs. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2240	3	1
68	MATHEMATICAL MODELS FOR ESTIMATING METHANE PRODUCTION IN COVERED LAGOON BIODIGESTERS TREATING PIG MANURE. <i>Engenharia Agr��cola</i> , <b>2021</b> , 41, 438-448	0.6	1
67	Chemically enhanced primary treatment of dairy wastewater using chitosan obtained from shrimp wastes: optimization using a Doehlert matrix design. <i>Environmental Technology (United Kingdom)</i> , <b>2020</b> , 1-18	2.6	5

66	Sulfamethoxazole and Trimethoprim Degradation by Fenton and Fenton-Like Processes. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1655	3	7
65	A New Approach to Use Load Duration Curves to Evaluate Water Quality: A Study in the Doce River Basin, Brazil. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 811	3	4
64	Performance of natural coagulants obtained from agro-industrial wastes in dairy wastewater treatment using dissolved air flotation. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 37, 101453	6.7	17
63	Low-Flow Seasonality and Effects on Water Availability throughout the River Network. <i>Water Resources Management</i> , <b>2020</b> , 34, 1289-1304	3.7	3
62	Dissolved air flotation optimization for treatment of dairy effluents with organic coagulants. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 36, 101270	6.7	10
61	RESPONSE FROM ANAEROBIC DIGESTION OF LAYING HEN MANURE WITH BIOCHAR ADDITION. <i>Engenharia Agricola</i> , <b>2020</b> , 40, 315-321	0.6	2
60	ENERGY POTENTIAL OF BIOGAS FROM PIG FARMS IN THE STATE OF MINAS GERAIS, BRAZIL. <i>Engenharia Agricola</i> , <b>2020</b> , 40, 396-404	0.6	1
59	Dinâmica do fôforo em sistemas alagados construídos tratando água residual da suinocultura. <i>Engenharia Sanitaria E Ambiental</i> , <b>2020</b> , 25, 79-86	0.4	2
58	Assessment and optimization of the use of a novel natural coagulant ( <i>Guazuma ulmifolia</i> ) for dairy wastewater treatment. <i>Science of the Total Environment</i> , <b>2020</b> , 744, 140864	10.2	13
57	Use of plants in the remediation of arsenic-contaminated waters. <i>Water Environment Research</i> , <b>2020</b> , 92, 1669-1676	2.8	2
56	<i>Guazuma ulmifolia</i> : an environmentally friendly coagulant aid for water treatment. <i>Water Science and Technology</i> , <b>2020</b> , 82, 1579-1585	2.2	
55	Phytoremediation of arsenic-contaminated water by <i>Lemna Valdiviana</i> : An optimization study. <i>Chemosphere</i> , <b>2019</b> , 234, 402-408	8.4	26
54	Central composite rotatable design for startup optimization of anaerobic sequencing batch reactor treating biodiesel production wastewater. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103038	6.8	6
53	Nutrient and organic matter removal from low strength sewage treated with constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 11-18	2.6	12
52	Experimental Design Optimization of Dairy Wastewater Ozonation Treatment. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1	2.6	5
51	Treatment of synthetic milk industry wastewater using batch dissolved air flotation. <i>Journal of Cleaner Production</i> , <b>2018</b> , 189, 729-737	10.3	30
50	Degradation rate of anaerobically digested sewage sludge in soil. <i>Journal of Water Sanitation and Hygiene for Development</i> , <b>2018</b> , 8, 17-26	1.5	4
49	Performance of different substrates in constructed wetlands planted with <i>E. crassipes</i> treating low-strength sewage under subtropical conditions. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 1365-1373	10.2	26

48	Humic acid degradation by fenton-like process using Fe <sup>2+</sup> and Mn <sup>4+</sup> . <i>Water Practice and Technology</i> , <b>2018</b> , 13, 388-399	0.9	1
47	ESTIMATION ON THE CONCENTRATION OF SUSPENDED SOLIDS FROM TURBIDITY IN THE WATER OF TWO SUB-BASINS IN THE DOCE RIVER BASIN. <i>Engenharia Agricola</i> , <b>2018</b> , 38, 751-759	0.6	9
46	Effects of gibberellic acid on Tifton 85 bermudagrass ( <i>Cynodon</i> spp.) in constructed wetland systems. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206378	3.7	4
45	VIABILITY OF THE USE OF MINIMUM WATER QUALITY INDICES: A COMPARISON OF METHODS. <i>Engenharia Agricola</i> , <b>2018</b> , 38, 616-623	0.6	3
44	Comparison of the Central Composite Rotatable Design with Doehlert Matrix on the Optimization of the Synthetic Dairy Effluent Treatment. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1	2.6	10
43	Optimization of arsenic phytoremediation using <i>Eichhornia crassipes</i> . <i>International Journal of Phytoremediation</i> , <b>2018</b> , 20, 1129-1135	3.9	8
42	Kinetics of arsenic absorption by the species <i>Eichhornia crassipes</i> and <i>Lemna valdiviana</i> under optimized conditions. <i>Chemosphere</i> , <b>2018</b> , 209, 866-874	8.4	13
41	Efeito da vegetação em sistemas alagados construídos para tratar águas residuais da suinocultura. <i>Engenharia Sanitaria E Ambiental</i> , <b>2017</b> , 22, 303-311	0.4	10
40	Tratamento de águas residuais de suinocultura em sistemas alagados construídos, com <i>Chrysopogon zizanioides</i> e <i>Polygonum punctatum</i> cultivadas em leito de argila expandida. <i>Engenharia Sanitaria E Ambiental</i> , <b>2017</b> , 22, 123-132	0.4	7
39	Modelagem da progressão da DBO obtida na incubação de esgoto doméstico sob diferentes temperaturas. <i>Engenharia Sanitaria E Ambiental</i> , <b>2017</b> , 22, 821-828	0.4	2
38	HYDRAULIC CONDUCTIVITY VARIABILITY IN HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLANDS. <i>Engenharia Agricola</i> , <b>2017</b> , 37, 333-342	0.6	5
37	Removal of chlorpyrifos insecticide in constructed wetlands with different plant species. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2017</b> , 21, 878-883	0.9	10
36	CHARACTERIZATION OF CLOGGING MATERIAL FROM HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLAND SYSTEMS. <i>Engenharia Agricola</i> , <b>2017</b> , 37, 463-470	0.6	6
35	Factors Influencing Anaerobic Biodegradation of Biodiesel Industry Wastewater. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	8
34	Potential for denitrification in sequencing batch constructed wetlands cultivated with <i>T. latifolia</i> and <i>C. zizanioides</i> . <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 5464-5472		8
33	Phenol degradation by Fenton-like process. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 18429-18438	5.1	11
32	Degradation of sewage sludge compost disposed on the soil. <i>Engenharia Agricola</i> , <b>2016</b> , 36, 822-829	0.6	3
31	Effect of reversal of the flow direction on hydrodynamic characteristics and plants cultivated in constructed wetland systems. <i>Acta Scientiarum - Technology</i> , <b>2016</b> , 38, 49	0.5	7

30	Evaluation of unclogging aspects in horizontal subsurface flow constructed wetlands. <i>Water Science and Technology</i> , <b>2016</b> , 74, 1594-1601	2.2	6
29	Influência das características morfológicas da bacia hidrográfica do rio Benevente nas enchentes no município de Alfredo Chaves-ES. <i>Revista Ambiente &amp; Água</i> , <b>2015</b> , 10,	0.8	1
28	Mineralização do resíduo da pupunheira em condições de campo e laboratório. <i>Engenharia Agrícola</i> , <b>2015</b> , 35, 918-930	0.6	4
27	Sistemas Alagados Construídos em Batelada: remoção de Demanda Bioquímica de Oxigênio e regulagem de pH no tratamento de efluentes de laticínios. <i>Revista Ambiente &amp; Água</i> , <b>2015</b> , 10,	0.8	4
26	Influência da carga de nutrientes e da espécie cultivada na remoção de K, Na, Cu e Zn da água residual da suinocultura tratada em sistemas alagados construídos. <i>Revista Ambiente &amp; Água</i> , <b>2015</b> , 10,	0.8	3
25	Effect of time-temperature binomial in obtaining biochemical oxygen demand of different wastewaters. <i>Engenharia Agrícola</i> , <b>2014</b> , 34, 332-340	0.6	6
24	Coliform bacteria removal from sewage in constructed wetlands planted with <i>Mentha aquatica</i> . <i>Environmental Technology (United Kingdom)</i> , <b>2014</b> , 35, 2095-103	2.6	19
23	A Comparison Between <i>Phragmites australis</i> and <i>Helianthus annuus</i> in Chromium Phytoextraction. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	38
22	Effect of influent aeration on removal of organic matter from coffee processing wastewater in constructed wetlands. <i>Journal of Environmental Management</i> , <b>2013</b> , 128, 912-9	7.9	38
21	Degradation of Humic Acid by Photocatalytic Reaction Using Nano-sized ZnO/Laponite Composite (NZLC). <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	10
20	Effect of cultivated species and retention time on the performance of constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , <b>2013</b> , 34, 961-5	2.6	7
19	Removal of Metaldehyde Through Photocatalytic Reactions Using Nano-Sized Zinc Oxide Composites. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	21
18	Increased expression of <i>clp</i> genes in <i>Lactobacillus delbrueckii</i> UFV H2b20 exposed to acid stress and bile salts. <i>Beneficial Microbes</i> , <b>2013</b> , 4, 367-74	4.9	13
17	Treatment of wastewater from coffee bean processing in anaerobic fixed bed reactors with different support materials: performance and kinetic modeling. <i>Journal of Environmental Management</i> , <b>2012</b> , 108, 14-21	7.9	26
16	Evaluation of Vertical-Flow Constructed Wetlands for Swine Wastewater Treatment. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 1065-1071	2.6	12
15	Performance of constructed wetlands in the treatment of aerated coffee processing wastewater: Removal of nutrients and phenolic compounds. <i>Ecological Engineering</i> , <b>2012</b> , 49, 264-269	3.9	49
14	Remocao de nitrogenio e fosforo de aguas residuarias de laticinios por sistemas alagados construidos operando em bateladas. <i>Revista Ambiente &amp; Água</i> , <b>2012</b> , 7, 75-87	0.8	5
13	Efficiency of constructed wetland systems cultivated with black oats treatment of domestic sewage. <i>Acta Scientiarum - Technology</i> , <b>2012</b> , 34,	0.5	4

12	Remoção de matéria orgânica e determinação de parâmetros cinéticos em sistemas alagados construídos em escala laboratorial. <i>Acta Scientiarum - Technology</i> , <b>2012</b> , 34,	0.5	2
11	Composição químico-bromatológica e produtividade do capim-mombaça cultivado em diferentes lâminas de efluente do tratamento primário de esgoto sanitário. <i>Revista Ceres</i> , <b>2012</b> , 59, 606-613	0.7	6
10	Estudo cinético da remoção de matéria orgânica de águas residuais da suinocultura em sistemas alagados construídos cultivados com diferentes espécies de vegetais. <i>Engenharia Agrícola</i> , <b>2011</b> , 31, 1179-1188	0.6	7
9	Influência da taxa de carga orgânica no desempenho de sistemas alagados construídos cultivados com forrageiras. <i>Engenharia Sanitaria E Ambiental</i> , <b>2010</b> , 15, 83-92	0.4	16
8	Development of biofilm in anaerobic reactors treating wastewater from coffee grain processing. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , <b>2010</b> , 14, 210-217	0.9	10
7	Influência da espécie vegetal cultivada nas condições redox de sistemas alagados construídos. <i>Engenharia Agrícola</i> , <b>2010</b> , 30, 518-526	0.6	8
6	Remoção de compostos fenólicos em reatores anaeróbios de leito fixo com diferentes materiais suporte. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , <b>2010</b> , 14, 1079-1086	0.9	7
5	Uso de traçadores para avaliação da hidrodinâmica de sistemas alagados construídos operando sob condições climáticas tropicais. <i>Engenharia Agrícola</i> , <b>2009</b> , 29, 301-310	0.6	6
4	Partida de um reator anaeróbio horizontal para tratamento de efluentes do processamento dos frutos do cafeeiro. <i>Engenharia Agrícola</i> , <b>2009</b> , 29, 661-669	0.6	5
3	Comparação entre equações empíricas para estimativa da evapotranspiração de referência na Bacia do Rio Jacupiranga. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , <b>2007</b> , 11, 293-300	0.9	25
2	Influence of organic loading on an anaerobic sequencing biofilm batch reactor (ASBBR) as a function of cycle period and wastewater concentration. <i>Journal of Environmental Management</i> , <b>2004</b> , 72, 241-7	7.9	19
1	Stirred anaerobic sequencing batch reactor containing immobilized biomass: a behavior study when submitted to different fill times. <i>Water Science and Technology</i> , <b>2004</b> , 49, 311-8	2.2	2