

Alisson C Borges

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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	Performance of constructed wetlands in the treatment of aerated coffee processing wastewater: Removal of nutrients and phenolic compounds. <i>Ecological Engineering</i> , 2012 , 49, 264-269	3.9	49
82	A Comparison Between Phragmites australis and Helianthus annuus in Chromium Phytoextraction. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	38
81	Effect of influent aeration on removal of organic matter from coffee processing wastewater in constructed wetlands. <i>Journal of Environmental Management</i> , 2013 , 128, 912-9	7.9	38
80	Treatment of synthetic milk industry wastewater using batch dissolved air flotation. <i>Journal of Cleaner Production</i> , 2018 , 189, 729-737	10.3	30
79	Phytoremediation of arsenic-contaminated water by Lemna Valdiviana: An optimization study. <i>Chemosphere</i> , 2019 , 234, 402-408	8.4	26
78	Performance of different substrates in constructed wetlands planted with E. crassipes treating low-strength sewage under subtropical conditions. <i>Science of the Total Environment</i> , 2018 , 630, 1365-1373	10.2	26
77	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> , 2012 , 108, 14-21	7.9	26
76	Comparação entre equações empíricas para estimativa da evapotranspiração de referência na Bacia do Rio Jacupiranga. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2007 , 11, 293-300	0.9	25
75	Removal of Metaldehyde Through Photocatalytic Reactions Using Nano-Sized Zinc Oxide Composites. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	21
74	Coliform bacteria removal from sewage in constructed wetlands planted with Mentha aquatica. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 2095-103	2.6	19
73	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> , 2004 , 72, 241-7	7.9	19
72	Performance of natural coagulants obtained from agro-industrial wastes in dairy wastewater treatment using dissolved air flotation. <i>Journal of Water Process Engineering</i> , 2020 , 37, 101453	6.7	17
71	Influência da taxa de carga orgânica no desempenho de sistemas alagados construídos cultivados com forrageiras. <i>Engenharia Sanitaria E Ambiental</i> , 2010 , 15, 83-92	0.4	16
70	Increased expression of clp genes in Lactobacillus delbrueckii UFV H2b20 exposed to acid stress and bile salts. <i>Beneficial Microbes</i> , 2013 , 4, 367-74	4.9	13
69	Assessment and optimization of the use of a novel natural coagulant (Guazuma ulmifolia) for dairy wastewater treatment. <i>Science of the Total Environment</i> , 2020 , 744, 140864	10.2	13
68	Kinetics of arsenic absorption by the species Eichhornia crassipes and Lemna valdiviana under optimized conditions. <i>Chemosphere</i> , 2018 , 209, 866-874	8.4	13
67	Evaluation of Vertical-Flow Constructed Wetlands for Swine Wastewater Treatment. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 1065-1071	2.6	12

66	Nutrient and organic matter removal from low strength sewage treated with constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 11-18	2.6	12
65	Phenol degradation by Fenton-like process. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 18429-18438	2.3	11
64	Dissolved air flotation optimization for treatment of dairy effluents with organic coagulants. <i>Journal of Water Process Engineering</i> , 2020 , 36, 101270	6.7	10
63	Efeito da vegetação em sistemas alagados construídos para tratar águas residuais da suinocultura. <i>Engenharia Sanitaria E Ambiental</i> , 2017 , 22, 303-311	0.4	10
62	Removal of chlorpyrifos insecticide in constructed wetlands with different plant species. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2017 , 21, 878-883	0.9	10
61	Degradation of Humic Acid by Photocatalytic Reaction Using Nano-sized ZnO/Laponite Composite (NZLC). <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	10
60	Development of biofilm in anaerobic reactors treating wastewater from coffee grain processing. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2010 , 14, 210-217	0.9	10
59	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> , 2018 , 229, 1	2.6	10
58	ESTIMATION ON THE CONCENTRATION OF SUSPENDED SOLIDS FROM TURBIDITY IN THE WATER OF TWO SUB-BASINS IN THE DOCE RIVER BASIN. <i>Engenharia Agrícola</i> , 2018 , 38, 751-759	0.6	9
57	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> , 2016 , 57, 5464-5472		8
56	Factors Influencing Anaerobic Biodegradation of Biodiesel Industry Wastewater. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	8
55	Influência da espécie vegetal cultivada nas condições redox de sistemas alagados construídos. <i>Engenharia Agrícola</i> , 2010 , 30, 518-526	0.6	8
54	Optimization of arsenic phytoremediation using <i>Eichhornia crassipes</i> . <i>International Journal of Phytoremediation</i> , 2018 , 20, 1129-1135	3.9	8
53	Sulfamethoxazole and Trimethoprim Degradation by Fenton and Fenton-Like Processes. <i>Water (Switzerland)</i> , 2020 , 12, 1655	3	7
52	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> , 2017 , 22, 123-132	0.4	7
51	Effect of cultivated species and retention time on the performance of constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 961-5	2.6	7
50	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> , 2011 , 31, 1179-1188	0.6	7
49	Remoção de compostos fenólicos em reatores anaeróbios de leito fixo com diferentes materiais suporte. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2010 , 14, 1079-1086	0.9	7

48	Effect of reversal of the flow direction on hydrodynamic characteristics and plants cultivated in constructed wetland systems. <i>Acta Scientiarum - Technology</i> , 2016 , 38, 49	0.5	7
47	Central composite rotatable design for startup optimization of anaerobic sequencing batch reactor treating biodiesel production wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103038	6.8	6
46	CHARACTERIZATION OF CLOGGING MATERIAL FROM HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLAND SYSTEMS. <i>Engenharia Agricola</i> , 2017 , 37, 463-470	0.6	6
45	Effect of time-temperature binomial in obtaining biochemical oxygen demand of different wastewaters. <i>Engenharia Agricola</i> , 2014 , 34, 332-340	0.6	6
44	Composiç�o qu�mica-bromatol�gica e produtividade do capim-momba� cultivado em diferentes linhas de efluente do tratamento prim�rio de esgoto sanit�rio. <i>Revista Ceres</i> , 2012 , 59, 606-613	0.7	6
43	Uso de tra�dores para avalia� da hidrodin�mica de sistemas alagados constru�dos operando sob condi�es clim�ticas tropicais. <i>Engenharia Agricola</i> , 2009 , 29, 301-310	0.6	6
42	Evaluation of unclogging aspects in horizontal subsurface flow constructed wetlands. <i>Water Science and Technology</i> , 2016 , 74, 1594-1601	2.2	6
41	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> , 2020 , 1-18	2.6	5
40	HYDRAULIC CONDUCTIVITY VARIABILITY IN HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLANDS. <i>Engenharia Agricola</i> , 2017 , 37, 333-342	0.6	5
39	Experimental Design Optimization of Dairy Wastewater Ozonation Treatment. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	5
38	Remoc�o de nitrog�nio e f�sforo de �guas residu�rias de l�cteos por sistemas alagados constru�dos operando em bateladas. <i>Revista Ambiente & �gua</i> , 2012 , 7, 75-87	0.8	5
37	Partida de um reator anaer�bio horizontal para tratamento de efluentes do processamento dos frutos do caf�eiro. <i>Engenharia Agricola</i> , 2009 , 29, 661-669	0.6	5
36	A New Approach to Use Load Duration Curves to Evaluate Water Quality: A Study in the Doce River Basin, Brazil. <i>Water (Switzerland)</i> , 2020 , 12, 811	3	4
35	Degradation rate of anaerobically digested sewage sludge in soil. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2018 , 8, 17-26	1.5	4
34	Mineraliza� do res�duo da pupunheira em condi�es de campo e laborat�rio. <i>Engenharia Agricola</i> , 2015 , 35, 918-930	0.6	4
33	Sistemas Alagados Constru�dos em Batelada: remo� de Demanda Bioqu�mica de Oxig�nio e regula� de pH no tratamento de efluentes de l�cteos. <i>Revista Ambiente & �gua</i> , 2015 , 10,	0.8	4
32	Efficiency of constructed wetland systems cultivated with black oats treatment of domestic sewage. <i>Acta Scientiarum - Technology</i> , 2012 , 34,	0.5	4
31	Effects of gibberellic acid on Tifton 85 bermudagrass (<i>Cynodon</i> spp.) in constructed wetland systems. <i>PLoS ONE</i> , 2018 , 13, e0206378	3.7	4

30	Low-Flow Seasonality and Effects on Water Availability throughout the River Network. <i>Water Resources Management</i> , 2020 , 34, 1289-1304	3.7	3
29	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 & Água</i> , 2015 , 10,	0.8	3
28	PHYTOREMEDIATION OF FLUORIDE-CONTAMINATED WATER BY <i>Landoltia punctata</i> . <i>Engenharia Agrícola</i> , 2021 , 41, 171-180	0.6	3
27	Degradation of sewage sludge compost disposed on the soil. <i>Engenharia Agrícola</i> , 2016 , 36, 822-829	0.6	3
26	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> , 2021 , 232, 1	2.6	3
25	VIABILITY OF THE USE OF MINIMUM WATER QUALITY INDICES: A COMPARISON OF METHODS. <i>Engenharia Agrícola</i> , 2018 , 38, 616-623	0.6	3
24	Modelagem da progressão da DBO obtida na incubação de esgoto doméstico sob diferentes temperaturas. <i>Engenharia Sanitária E Ambiental</i> , 2017 , 22, 821-828	0.4	2
23	Remoção de matéria orgânica e determinação de parâmetros cinéticos em sistemas alagados construídos em escala laboratorial. <i>Acta Scientiarum - Technology</i> , 2012 , 34,	0.5	2
22	RESPONSE FROM ANAEROBIC DIGESTION OF LAYING HEN MANURE WITH BIOCHAR ADDITION. <i>Engenharia Agrícola</i> , 2020 , 40, 315-321	0.6	2
21	Dinâmica do fósforo em sistemas alagados construídos tratando água residual da suinocultura. <i>Engenharia Sanitária E Ambiental</i> , 2020 , 25, 79-86	0.4	2
20	Feasibility of using different renewable energy sources in Brazilian swine farmings. <i>Journal of Cleaner Production</i> , 2022 , 333, 130040	10.3	2
19	Use of plants in the remediation of arsenic-contaminated waters. <i>Water Environment Research</i> , 2020 , 92, 1669-1676	2.8	2
18	Green coagulants recovering <i>Scenedesmus obliquus</i> : An optimization study. <i>Chemosphere</i> , 2021 , 262, 127881	8.4	2
17	Stirred anaerobic sequencing batch reactor containing immobilized biomass: a behavior study when submitted to different fill times. <i>Water Science and Technology</i> , 2004 , 49, 311-8	2.2	2
16	Comparison of first-order kinetic models for sewage treatment in horizontal subsurface-flow constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 4511-4518	2.6	1
15	Humic acid degradation by fenton-like process using Fe ²⁺ and Mn ⁴⁺ . <i>Water Practice and Technology</i> , 2018 , 13, 388-399	0.9	1
14	Influência das características morfológicas da bacia hidrográfica do rio Benevente nas enchentes no município de Alfredo Chaves-ES. <i>Revista Ambiente & Água</i> , 2015 , 10,	0.8	1
13	Effect of the Progressive Increase of Organic Loading Rate in an Anaerobic Sequencing Batch Reactor for Biodiesel Wastewater Treatment. <i>Water (Switzerland)</i> , 2022 , 14, 223	3	1

12	ENERGY POTENTIAL OF BIOGAS FROM PIG FARMS IN THE STATE OF MINAS GERAIS, BRAZIL. <i>Engenharia Agricola</i> , 2020 , 40, 396-404	0.6	1
11	Léio, dextrana e rodamina na avaliaç� da hidrodin�mica de sistemas alagados constru�dos. <i>Engenharia Sanitaria E Ambiental</i> , 2021 , 26, 701-710	0.4	1
10	Dairy Wastewater Treatment with Organic Coagulants: A Comparison of Factorial Designs. <i>Water (Switzerland)</i> , 2021 , 13, 2240	3	1
9	MATHEMATICAL MODELS FOR ESTIMATING METHANE PRODUCTION IN COVERED LAGOON BIODIGESTERS TREATING PIG MANURE. <i>Engenharia Agricola</i> , 2021 , 41, 438-448	0.6	1
8	Swine Wastewater Treatment in Constructed Wetland Systems: Hydraulic and Kinetic Modeling. <i>Water (Switzerland)</i> , 2022 , 14, 681	3	1
7	Study of internal and external temperatures and their influence on covered lagoon digester performance. <i>Biomass and Bioenergy</i> , 2022 , 159, 106380	5.3	1
6	Exploring the Removal of Organic Matter in Constructed Wetlands Using First Order Kinetic Models. <i>Water (Switzerland)</i> , 2022 , 14, 472	3	0
5	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> , 2021 , 28, 50001-50016	5.1	0
4	A simpler statistical approach to estimate the allowable effluent discharge into a low monitored river network.. <i>Science of the Total Environment</i> , 2022 , 154609	10.2	0
3	Guazuma ulmifolia: an environmentally friendly coagulant aid for water treatment. <i>Water Science and Technology</i> , 2020 , 82, 1579-1585	2.2	
2	Effects of Packing Media and the Insertion of Vegetation on the Performance of Biological Trickling Filters. <i>Water (Switzerland)</i> , 2021 , 13, 1735	3	
1	Panorama da utiliza� de tanques s�pticos e filtros anaer�bios no tratamento descentralizado de esgotos no Brasil 2022 , 70, 34-51	0.2	