

# Luiz Daniel

## List of Publications by Year in descending order

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44  
papers

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citations

623734

14  
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552781

26  
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docs citations

44  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of protozoan (oo)cysts and bacteria during microalgae harvesting: Outcomes from a lab-scale experiment. <i>Chemosphere</i> , 2022, 286, 131767.	8.2	6
2	Performance of biological activated carbon (BAC) filtration for the treatment of secondary effluent: A pilot-scale study. <i>Journal of Environmental Management</i> , 2022, 302, 114026.	7.8	4
3	Application of alternative carriers without protected surface in moving bed biofilm reactor for domestic wastewater treatment. <i>Water Practice and Technology</i> , 2022, 17, 544-554.	2.0	2
4	Acute toxicity of disinfection by-products from chlorination of algal organic matter to the cladocerans <i>Ceriodaphnia silvestrii</i> and <i>Daphnia similis</i> : influence of bromide and quenching agent. <i>Environmental Science and Pollution Research</i> , 2022, 29, 35800-35810.	5.3	4
5	Effects of hydrogen peroxide preoxidation on clarification and reduction of the microbial load of groundwater and surface water sources for household treatment. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 2977-2987.	2.1	2
6	Hydrogen peroxide-assisted pasteurization: An alternative for household water disinfection. <i>Journal of Cleaner Production</i> , 2022, 357, 131958.	9.3	4
7	Removal of <i>Giardia</i> spp. cysts and <i>Cryptosporidium</i> spp. oocysts from anaerobic effluent by dissolved air flotation. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 141-147.	2.2	6
8	Detection and removal of <i>Giardia</i> spp. cysts and <i>Cryptosporidium</i> spp. oocysts by anaerobic reactors in Brazil. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-10.	2.2	1
9	Chlorine and peracetic acid in decentralized wastewater treatment: Disinfection, oxidation and odor control. <i>Chemical Engineering Research and Design</i> , 2021, 146, 620-628.	5.6	24
10	Implications of COD analysis use in the peracetic acid-based wastewater treatment. <i>Water Science and Technology</i> , 2021, 84, 1270-1279.	2.5	1
11	Adsorption of algal organic matter on activated carbons from alternative sources: Influence of physico-chemical parameters. <i>Journal of Water Process Engineering</i> , 2021, 44, 102435.	5.6	13
12	A review: organic matter and ammonia removal by biological activated carbon filtration for water and wastewater treatment. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 591-606.	3.5	33
13	Microalgae harvesting from wastewater by pH modulation and flotation: Assessing and optimizing operational parameters. <i>Journal of Environmental Management</i> , 2020, 254, 109825.	7.8	25
14	Wastewater treatment performance in microbiological removal and (oo)cyst viability assessed comparatively to fluorescence decay. <i>Environmental Technology (United Kingdom)</i> , 2020, , 1-9.	2.2	7
15	Optimization of microalgae harvesting by sedimentation induced by high pH. <i>Water Science and Technology</i> , 2020, 82, 1227-1236.	2.5	19
16	Cooking oil-surfactant emulsion in water for harvesting <i>Chlorella vulgaris</i> by sedimentation or flotation. <i>Bioresource Technology</i> , 2020, 311, 123508.	9.6	15
17	Nutrient and pathogen removal from anaerobically treated black water by microalgae. <i>Journal of Environmental Management</i> , 2020, 268, 110693.	7.8	38
18	Microalgae Production Coupled with Simulated Blackwater Treatment. <i>Advances in Science, Technology and Innovation</i> , 2020, , 289-291.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Produção de microalgas acopladas ao tratamento de esgoto: panorama e desafios. Revista Ibero-americana De Ciências Ambientais, 2020, 11, 184-200.	0.1	0
20	Performance of a small-scale wastewater treatment plant for removal of pathogenic protozoa (oo)cysts and indicator microorganisms. Environmental Technology (United Kingdom), 2019, 40, 3492-3501.	2.2	13
21	Removal of iron ore slimes from a highly turbid water by DAF. Environmental Technology (United Kingdom), 2019, 40, 100947.	2.2	4
22	Coagulation and dissolved air flotation as a harvesting method for microalgae cultivated in wastewater. Journal of Water Process Engineering, 2019, 32, 100947.	5.6	26
23	Interference of model wastewater components with flocculation of <i>Chlorella sorokiniana</i> induced by calcium phosphate precipitates. Bioresource Technology, 2019, 286, 121352.	9.6	18
24	Microalgae cultivation for municipal and piggery wastewater treatment in Brazil. Journal of Water Process Engineering, 2019, 31, 100821.	5.6	76
25	Black water treatment by an upflow anaerobic sludge blanket (UASB) reactor: a pilot study. Water Science and Technology, 2019, 80, 1505-1511.	2.5	14
26	Quantification and analysis of the viability of (oo)cysts of pathogenic protozoa in sewage sludge. Acta Scientiarum - Technology, 2018, 40, 28709.	0.4	6
27	Desinfecção sequencial: estudo de caso em ETE em escala plena. Revista Ibero-americana De Ciências Ambientais, 2018, 9, 149-160.	0.1	0
28	Dissolved air flotation as a potential treatment process to remove <i>Giardia</i> cysts from anaerobically treated sewage. Environmental Technology (United Kingdom), 2017, 38, 2392-2399.	2.2	10
29	Occurrence and removal of <i>Giardia</i> spp. cysts and <i>Cryptosporidium</i> spp. oocysts from a municipal wastewater treatment plant in Brazil. Environmental Technology (United Kingdom), 2017, 38, 1245-1254.	2.2	21
30	Comparison of selected methods for recovery of <i>Giardia</i> spp. cysts and <i>Cryptosporidium</i> spp. oocysts in wastewater. Journal of Water and Health, 2015, 13, 811-818.	2.6	14
31	Desinfecção de efluente anaeróbio com o uso de ozônio/cloro. Engenharia Sanitaria E Ambiental, 2015, 20, 279-288.	0.5	4
32	Study of sequential disinfection for the inactivation of protozoa and indicator microorganisms in wastewater. Acta Scientiarum - Technology, 2015, 37, 203.	0.4	12
33	UASB reactor effluent disinfection by ozone and chlorine. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 1215-1222.	1.7	3
34	Toxicity on aquatic organisms exposed to secondary effluent disinfected with chlorine, peracetic acid, ozone and UV radiation. Ecotoxicology, 2014, 23, 1803-1813.	2.4	67
35	Degradação parcial de 17 $\beta$ -estradiol por cloro aplicada ao tratamento da água. Engenharia Sanitaria E Ambiental, 2013, 18, 215-222.	0.5	6
36	Utilização de lâmpadas germicidas na desinfecção de esgoto sanitário. Revista Ambiente & Água, 2012, 7, 120-129.	0.3	2

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37	Removal of estrogens through water disinfection processes and formation of by-products. Chemosphere, 2011, 82, 789-799.	8.2	99
38	Identification of new ozonation disinfection byproducts of 17 $\beta$ -estradiol and estrone in water. Chemosphere, 2011, 84, 1535-1541.	8.2	45
39	Synergism effects for <i>Escherichia coli</i> inactivation applying the combined ozone and chlorine disinfection method. Environmental Technology (United Kingdom), 2011, 32, 1401-1408.	2.2	9
40	Advanced process of microbiological control of wastewater in combined system of disinfection with UV radiation. Water Science and Technology, 2010, 61, 2469-2475.	2.5	10
41	Anaerobic effluent disinfection using ozone: Byproducts formation. Bioresource Technology, 2010, 101, 6981-6986.	9.6	47
42	VELOCITY AND CONCENTRATION OF BUBBLES IN OZONIZATION COLUMNS WITH CROSS SECTIONS OF DIFFERENT SIZES. Ingiariare, 2008, 16, .	0.3	0
43	ComparaçŁo entre hipoclorito de sŁdio e cŁcido peracŁtico na inativaçŁo de E. coli, colifagos e C. perfringens em cŁgua com elevada concentraçŁo de matŁria orgcŁnica. Engenharia Sanitaria E Ambiental, 2005, 10, 111-117.	0.5	16
44	FotocatcŁlise heterogcŁnea com TiO <sub>2</sub> aplicada ao tratamento de esgoto sanitcŁrio secundcŁrio. Engenharia Sanitaria E Ambiental, 2004, 9, 335-342.	0.5	17