

Luiz Daniel

List of Publications by Year in descending order

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44
papers

743
citations

623734

14
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552781

26
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44
docs citations

44
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of estrogens through water disinfection processes and formation of by-products. <i>Chemosphere</i> , 2011, 82, 789-799.	8.2	99
2	Microalgae cultivation for municipal and piggery wastewater treatment in Brazil. <i>Journal of Water Process Engineering</i> , 2019, 31, 100821.	5.6	76
3	Toxicity on aquatic organisms exposed to secondary effluent disinfected with chlorine, peracetic acid, ozone and UV radiation. <i>Ecotoxicology</i> , 2014, 23, 1803-1813.	2.4	67
4	Anaerobic effluent disinfection using ozone: Byproducts formation. <i>Bioresource Technology</i> , 2010, 101, 6981-6986.	9.6	47
5	Identification of new ozonation disinfection byproducts of 17 β -estradiol and estrone in water. <i>Chemosphere</i> , 2011, 84, 1535-1541.	8.2	45
6	Nutrient and pathogen removal from anaerobically treated black water by microalgae. <i>Journal of Environmental Management</i> , 2020, 268, 110693.	7.8	38
7	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
8	Coagulation and dissolved air flotation as a harvesting method for microalgae cultivated in wastewater. <i>Journal of Water Process Engineering</i> , 2019, 32, 100947.	5.6	26
9	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
10	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
11	Occurrence and removal of <i>Giardia</i> spp. cysts and <i>Cryptosporidium</i> spp. oocysts from a municipal wastewater treatment plant in Brazil. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1245-1254.	2.2	21
12	Optimization of microalgae harvesting by sedimentation induced by high pH. <i>Water Science and Technology</i> , 2020, 82, 1227-1236.	2.5	19
13	Interference of model wastewater components with flocculation of <i>Chlorella sorokiniana</i> induced by calcium phosphate precipitates. <i>Bioresource Technology</i> , 2019, 286, 121352.	9.6	18
14	Fotocatálise heterogênea com TiO ₂ aplicada ao tratamento de esgoto sanitário secundário. <i>Engenharia Sanitaria E Ambiental</i> , 2004, 9, 335-342.	0.5	17
15	Comparação entre hipoclorito de sódio e ácido peracético na inativação de <i>E. coli</i> , colifagos e <i>C. perfringens</i> em água com elevada concentração de matéria orgânica. <i>Engenharia Sanitaria E Ambiental</i> , 2005, 10, 111-117.	0.5	16
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	Comparison of selected methods for recovery of <i>Giardia</i> spp. cysts and <i>Cryptosporidium</i> spp. oocysts in wastewater. <i>Journal of Water and Health</i> , 2015, 13, 811-818.	2.6	14
18	Black water treatment by an upflow anaerobic sludge blanket (UASB) reactor: a pilot study. <i>Water Science and Technology</i> , 2019, 80, 1505-1511.	2.5	14

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19	Performance of a small-scale wastewater treatment plant for removal of pathogenic protozoa (oo)cysts and indicator microorganisms. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3492-3501.	2.2	13
20	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
21	Study of sequential disinfection for the inactivation of protozoa and indicator microorganisms in wastewater. <i>Acta Scientiarum - Technology</i> , 2015, 37, 203.	0.4	12
22	Advanced process of microbiological control of wastewater in combined system of disinfection with UV radiation. <i>Water Science and Technology</i> , 2010, 61, 2469-2475.	2.5	10
23	Dissolved air flotation as a potential treatment process to remove <i>Giardia</i> cysts from anaerobically treated sewage. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2392-2399.	2.2	10
24	Synergism effects for<i>Escherichia coli</i>inactivation applying the combined ozone and chlorine disinfection method. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 1401-1408.	2.2	9
25	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
26	DegradaÃ§Ã£o parcial de 17Î²-estradiol por cloroÃ§Ã£o aplicada ao tratamento da Ãgua. <i>Engenharia Sanitaria E Ambiental</i> , 2013, 18, 215-222.	0.5	6
27	Quantification and analysis of the viability of (oo)cysts of pathogenic protozoa in sewage sludge. <i>Acta Scientiarum - Technology</i> , 2018, 40, 28709.	0.4	6
28	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
29	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
30	DesinfecÃ§Ã£o de efluente anaerÃ³bio com o uso de ozÃ³nio/cloro. <i>Engenharia Sanitaria E Ambiental</i> , 2015, 20, 279-288.	0.5	4
31	Removal of iron ore slimes from a highly turbid water by DAF. <i>Environmental Technology (United)</i> Tj ETQq1 1 0.784314 rgBT /Overloc	2.2	4
32	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
33	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
34	Hydrogen peroxide-assisted pasteurization: An alternative for household water disinfection. <i>Journal of Cleaner Production</i> , 2022, 357, 131958.	9.3	4
35	UASB reactor effluent disinfection by ozone and chlorine. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 1215-1222.	1.7	3
36	UtilizaÃ§Ã£o de lâmpadas germicidas na desinfecÃ§Ã£o de esgoto sanitÃ¡rio. <i>Revista Ambiente & Ãgua</i> , 2012, 7, 120-129.	0,3	2

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37	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
38	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
39	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
40	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
41	VELOCITY AND CONCENTRATION OF BUBBLES IN OZONIZATION COLUMNS WITH CROSS SECTIONS OF DIFFERENT SIZES. <i>Ingeniare</i> , 2008, 16, .	0.3	0
42	Desinfec��o sequencial: estudo de caso em ETE em escala plena. <i>Revista Ibero-americana De Ci�ncias Ambientais</i> , 2018, 9, 149-160.	0.1	0
43	Microalgae Production Coupled with Simulated Blackwater Treatment. <i>Advances in Science, Technology and Innovation</i> , 2020, , 289-291.	0.4	0
44	Produ�o de microalgas acopladas ao tratamento de esgoto: panorama e desafios. <i>Revista Ibero-americana De Ci�ncias Ambientais</i> , 2020, 11, 184-200.	0.1	0