

LisÃ©te C Lange

List of Publications by Year in descending order

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75
papers

1,920
citations

331259

21
h-index

264894

42
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76
all docs

76
docs citations

76
times ranked

2336
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence, fate and removal of pharmaceutically active compounds (PhACs) in water and wastewater treatment plants—A review. <i>Journal of Water Process Engineering</i> , 2019, 32, 100927.	2.6	212
2	A critical review on membrane separation processes applied to remove pharmaceutically active compounds from water and wastewater. <i>Journal of Water Process Engineering</i> , 2018, 26, 156-175.	2.6	157
3	Degradation of antibiotics norfloxacin by Fenton, UV and UV/H ₂ O ₂ . <i>Journal of Environmental Management</i> , 2015, 154, 8-12.	3.8	125
4	Multi-criteria decision making to support waste management: A critical review of current practices and methods. <i>Waste Management and Research</i> , 2017, 35, 3-28.	2.2	114
5	Occurrence, removal and seasonal variation of pharmaceuticals in Brazilian drinking water treatment plants. <i>Environmental Pollution</i> , 2019, 250, 773-781.	3.7	109
6	Applying life cycle assessment to support environmentally sustainable waste management strategies in Brazil. <i>Resources, Conservation and Recycling</i> , 2018, 128, 438-450.	5.3	105
7	Evaluation of landfill leachate treatment by advanced oxidative process by Fenton's reagent combined with membrane separation system. <i>Waste Management</i> , 2013, 33, 89-101.	3.7	76
8	Preliminary Investigation into the Effects of Carbonation on Cement-Solidified Hazardous Wastes. <i>Environmental Science & Technology</i> , 1996, 30, 25-30.	4.6	65
9	Assessing potential of nanofiltration, reverse osmosis and membrane distillation drinking water treatment for pharmaceutically active compounds (PhACs) removal. <i>Journal of Water Process Engineering</i> , 2020, 33, 101029.	2.6	65
10	Effect of carbonation on properties of blended and non-blended cement solidified waste forms. <i>Journal of Hazardous Materials</i> , 1997, 52, 193-212.	6.5	63
11	The effect of accelerated carbonation on the properties of cement-solidified waste forms. <i>Waste Management</i> , 1996, 16, 757-763.	3.7	58
12	Occurrence and risk assessment of pharmaceutically active compounds in water supply systems in Brazil. <i>Science of the Total Environment</i> , 2020, 746, 141011.	3.9	53
13	A survey on experiences in leachate treatment: Common practices, differences worldwide and future perspectives. <i>Journal of Environmental Management</i> , 2021, 288, 112475.	3.8	46
14	The influence of mix parameters and binder choice on the carbonation of cement solidified wastes. <i>Waste Management</i> , 1996, 16, 749-756.	3.7	42
15	Organic compounds removal and toxicity reduction of landfill leachate by commercial bakers' yeast and conventional bacteria based membrane bioreactor integrated with nanofiltration. <i>Waste Management</i> , 2017, 70, 170-180.	3.7	34
16	Pyrolysis of chromium rich tanning industrial wastes and utilization of carbonized wastes in metallurgical process. <i>Waste Management</i> , 2016, 48, 448-456.	3.7	31
17	Effect of humic acid concentration on pharmaceutically active compounds (PhACs) rejection by direct contact membrane distillation (DCMD). <i>Separation and Purification Technology</i> , 2019, 212, 920-928.	3.9	30
18	Critical performance assessment of a submerged hybrid forward osmosis - membrane distillation system. <i>Desalination</i> , 2019, 468, 114082.	4.0	29

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19	Evaluation of the aerobic and anaerobic biodegradability of the antibiotic norfloxacin. <i>Water Science and Technology</i> , 2014, 70, 265-271.	1.2	26
20	Comparison of UV, UV/H ₂ O ₂ and ozonation processes for the treatment of membrane distillation concentrate from surface water treatment: PhACs removal and environmental and human health risk assessment. <i>Chemical Engineering Journal</i> , 2020, 397, 125482.	6.6	24
21	Proposal of an environmental performance index to assess solid waste treatment technologies. <i>Waste Management</i> , 2012, 32, 1473-1481.	3.7	22
22	Nanofiltration as post-treatment of MBR treating landfill leachate. <i>Desalination and Water Treatment</i> , 2015, 53, 1482-1491.	1.0	22
23	Integration of membrane separation and Fenton processes for sanitary landfill leachate treatment. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2897-2905.	1.2	22
24	Treatment of landfill leachate by hybrid precipitation/microfiltration/nanofiltration process. <i>Water Science and Technology</i> , 2015, 72, 269-276.	1.2	18
25	Estimativa do fluxo dos resíduos de equipamentos elétricos e eletrônicos no município de Belo Horizonte, Minas Gerais, Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2011, 16, 73-82.	0.1	17
26	A novel submerged anaerobic osmotic membrane bioreactor coupled to membrane distillation for water reclamation from municipal wastewater. <i>Chemical Engineering Journal</i> , 2021, 414, 128645.	6.6	17
27	Diazepam, metformin, omeprazole and simvastatin: a full discussion of individual and mixture acute toxicity. <i>Ecotoxicology</i> , 2020, 29, 1062-1071.	1.1	16
28	Prioritization and environmental risk assessment of pharmaceuticals mixtures from Brazilian surface waters. <i>Environmental Pollution</i> , 2021, 288, 117803.	3.7	16
29	Tratamento de lixiviado de aterro sanitário por processo oxidativo avançado empregando reagente de Fenton. <i>Engenharia Sanitaria E Ambiental</i> , 2006, 11, 175-183.	0.1	15
30	Treatment of Landfill Leachate in Membranes Bioreactor with Yeast (<i>Saccharomyces Cerevisiae</i>). <i>Procedia Engineering</i> , 2012, 44, 934-938.	1.2	15
31	Management of effluents and waste from pharmaceutical industry in Minas Gerais, Brazil. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2012, 48, 727-736.	1.2	15
32	A toxicity assessment of 30 pharmaceuticals using <i>Aliivibrio fischeri</i> : a comparison of the acute effects of different formulations. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2760-2767.	1.2	14
33	Long-term evaluation of membrane bioreactor inoculated with commercial baker's yeast treating landfill leachate: pollutant removal, microorganism dynamic and membrane fouling. <i>Water Science and Technology</i> , 2019, 79, 398-410.	1.2	14
34	The environmental risks of pharmaceuticals beyond traditional toxic effects: Chemical differences that can repel or entrap aquatic organisms. <i>Environmental Pollution</i> , 2021, 268, 115902.	3.7	14
35	Characterization of Landfill Leachates by Molecular Size Distribution, Biodegradability, and Inert Chemical Oxygen Demand. <i>Water Environment Research</i> , 2009, 81, 499-505.	1.3	13
36	Caracterização ambiental de lamas de beneficiamento de rochas ornamentais. <i>Engenharia Sanitaria E Ambiental</i> , 2010, 15, 237-244.	0.1	13

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37	Avaliação de processo oxidativo avançado pelo reagente de Fenton em condições otimizadas no tratamento de lixiviado de aterro sanitário com ênfase em parâmetros coletivos e caracterização do lodo gerado. <i>Química Nova</i> , 2011, 34, 1370-1377.	0.3	13
38	Salinity Reduction and Biomass Accumulation in Hydroponic Growth of Purslane (<i>Portulaca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	1.7	13
39	Avaliação dos resíduos de serviços de saúde do Grupo A em hospitais de Vitória (ES), Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2014, 19, 133-141.	0.1	11
40	The effect of recycled plastics and cooking oil on coke quality. <i>Waste Management</i> , 2017, 61, 269-275.	3.7	11
41	Light emitting diode waste: Potential of metals concentration and acid reuse via the integration of leaching and membrane processes. <i>Journal of Cleaner Production</i> , 2020, 246, 119057.	4.6	11
42	Pilot aerobic membrane bioreactor and nanofiltration for municipal landfill leachate treatment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 1-10.	0.9	10
43	A utilização de borra de fosfato como matéria-prima alternativa para a fabricação de tijolos. <i>Engenharia Sanitaria E Ambiental</i> , 2005, 10, 128-136.	0.1	9
44	Evaluation of the Use of Powdered Activated Carbon in Membrane Bioreactor for the Treatment of Bleach Pulp Mill Effluent. <i>Water Environment Research</i> , 2014, 86, 788-799.	1.3	9
45	Análise dos sistemas de logística reversa no Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2017, 22, 889-898.	0.1	9
46	Avaliação da biodegradabilidade anaeróbia de lixiviados de aterro sanitários. <i>Engenharia Sanitaria E Ambiental</i> , 2008, 13, 38-45.	0.1	7
47	Characterization of residual organic compounds of aerobic degradation of landfill leachate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 665-672.	0.9	7
48	Comparison of commercial baker's yeast versus bacteria-based membrane bioreactors for landfill leachate treatment. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2365-2372.	1.2	7
49	Avaliação da microfiltração para remoção do lodo gerado no processo oxidativo avançado empregando o reagente de Fenton no tratamento de lixiviado de aterro sanitário. <i>Engenharia Sanitaria E Ambiental</i> , 2011, 16, 379-386.	0.1	7
50	Planning the location of facilities to implement a reverse logistic system of post-consumer packaging using a location mathematical model. <i>Waste Management and Research</i> , 2017, 35, 1254-1265.	2.2	6
51	Proposta de um Índice de Destinação de Resíduos Sólidos Industriais. <i>Engenharia Sanitaria E Ambiental</i> , 2011, 16, 307-316.	0.1	5
52	Treatment of Bleach Pulp Mill Effluent by MF-MBR. <i>Water Environment Research</i> , 2012, 84, 547-553.	1.3	5
53	Growth and differential salinity reduction between <i>Portulaca oleracea</i> and <i>Eichhornia crassipes</i> in experimental hydroponic units. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2267-2275.	1.2	5
54	Ecological risk assessment of glyphosate in surface water when it is used to control floating aquatic macrophytes. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180445.	0.3	5

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55	Unveiling metabolic changes in marsupialized odontogenic keratocyst: A pilot study. <i>Oral Diseases</i> , 2022, 28, 2219-2229.	1.5	4
56	Age-Related Metabolic Pathways Changes in Dental Follicles: A Pilot Study. <i>Frontiers in Oral Health</i> , 2021, 2, 677731.	1.2	4
57	Caracterização das cinzas de incineração de resíduos industriais e de serviços de saúde. <i>Quimica Nova</i> , 2008, 31, 199-203.	0.3	3
58	Nanofiltration as a Post-Treatment to Membrane Bioreactor Effluent for Dairy Wastewater Reuse. <i>Procedia Engineering</i> , 2012, 44, 1956-1960.	1.2	3
59	Tratamento de lixiviado por infiltração rápida como alternativa para cidades de pequeno porte. <i>Engenharia Sanitaria E Ambiental</i> , 2013, 18, 223-234.	0.1	3
60	Avaliação da biotratabilidade do efluente de branqueamento de polpa celulósica por processos aeróbios e anaeróbios. <i>Engenharia Sanitaria E Ambiental</i> , 2013, 18, 253-262.	0.1	3
61	Norfloxacin and gentamicin degradation catalyzed by manganese porphyrins under mild conditions: the importance of toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	3
62	Experimental design for the evaluation of struvite sedimentation obtained from an ammonium concentrated wastewater. <i>Water Science and Technology</i> , 2013, 68, 1607-1613.	1.2	2
63	Avaliação do emprego de microfiltração para remoção de fibras do efluente de branqueamento de polpa celulósica. <i>Engenharia Sanitaria E Ambiental</i> , 2013, 18, 65-74.	0.1	2
64	Rotas tecnológicas, desafios e potencial para valorização energética de resíduo sólido urbano por coprocessamento no Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2022, 27, 25-30.	0.1	2
65	Tratamento de Resíduos de Serviços de Saúde pelo processo de pirólise. <i>Engenharia Sanitaria E Ambiental</i> , 2014, 19, 187-194.	0.1	1
66	Evaluation of the hydration process of an industrial magnesia compound to obtain struvite crystals: a technique for recovering nutrients. <i>Revista Escola De Minas</i> , 2015, 68, 77-84.	0.1	1
67	Avaliação da concentração de efeito do glifosato para controle de <i>Eichhornia crassipes</i> e <i>Salvinia</i> sp.. <i>Engenharia Sanitaria E Ambiental</i> , 2018, 23, 881-889.	0.1	1
68	Avaliação da toxicidade de efluentes de branqueamento de pasta celulósica pré e pós-degradação biológica. <i>Engenharia Sanitaria E Ambiental</i> , 2014, 19, 417-422.	0.1	1
69	Supporting waste management in a Brazilian city using life cycle assessment: a case study of Uberlândia. , 0, 154, 160-165.		1
70	Influence of humic substances on the landfill leachate biodegradability with a focus on temporal seasonality. <i>Water Science and Technology</i> , 2021, 84, 3780-3790.	1.2	1
71	Precipitação química de estruvita: Recuperação de nutrientes em reator cônico de leito fluidizado utilizando magnésia industrial de baixo custo. <i>Engenharia Sanitaria E Ambiental</i> , 2015, 20, 259-268.	0.1	0
72	Environmental Performance Evaluation of Latin American Industries by Using the Industrial Solid Waste Destination Index (ISWDI). <i>International Journal of Engineering and Technology</i> , 2015, 7, 326-332.	0.1	0

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73	Environmental performance assessment of waste to energy plants in Europe by using the Cleaner Treatment Concept. , 0, 58, 399-405.		0
74	EVALUATION OF THE EFFICIENCY OF AUTOCLAVING HEALTHCARE WASTE USING BIOLOGICAL AND CHEMICAL INDICATORS. Detritus, 2020, , 181-188.	0.4	0
75	Application of a "Recycling Exchange"™ instrument to compensate waste pickers in Brazil via a first payment for urban environmental services programme. Waste Management and Research, 2021, , 0734242X2110612.	2.2	0