

# Iran E Lima Neto

## List of Publications by Year in descending order

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59  
papers

929  
citations

471509

17  
h-index

526287

27  
g-index

70  
all docs

70  
docs citations

70  
times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorus mass balance and input load estimation from the wet and dry periods in tropical semiarid reservoirs. <i>Environmental Science and Pollution Research</i> , 2022, 29, 10027-10046.	5.3	13
2	Assessment of phosphorus loading dynamics in a tropical reservoir with high seasonal water level changes. <i>Science of the Total Environment</i> , 2022, 815, 152875.	8.0	26
3	Equações adimensionais para determinar o de vazões máximas para diferentes tempos de retorno em regiões semiáridas. <i>Engenharia Sanitaria E Ambiental</i> , 2022, 27, 11-23.	0.5	0
4	Aqualuz: a new solar disinfection device for treatment of cistern water. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2022, 71, 682-696.	1.4	1
5	Uncovering the influence of hydrological and climate variables in chlorophyll-A concentration in tropical reservoirs with machine learning. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74967-74982.	5.3	10
6	Asynchronous sensor networks for Nodal water demand estimation in water distribution systems based on sensor grouping analysis. <i>Journal of Cleaner Production</i> , 2022, 365, 132676.	9.3	0
7	Trophic state changes of semi-arid reservoirs as a function of the hydro-climatic variability. <i>Journal of Arid Environments</i> , 2021, 184, 104321.	2.4	40
8	Improved modularity-based approach for partition of Water Distribution Networks. <i>Urban Water Journal</i> , 2021, 18, 69-78.	2.1	8
9	Monthly and seasonal streamflow forecasting of large dryland catchments in Brazil. <i>Journal of Arid Land</i> , 2021, 13, 205-223.	2.3	9
10	Integração do SWMM e ferramentas SIG para modelagem hidrológico-hidráulica de bacia complexa. <i>Engenharia Sanitaria E Ambiental</i> , 2021, 26, 451-459.	0.5	1
11	Assessment of climate change impacts on hydrology and water quality of large semi-arid reservoirs in Brazil. <i>Hydrological Sciences Journal</i> , 2021, 66, 1321-1336.	2.6	29
12	Trends of evaporation in Brazilian tropical reservoirs using remote sensing. <i>Journal of Hydrology</i> , 2021, 598, 126473.	5.4	11
13	Modeling flow-related phosphorus inputs to tropical semiarid reservoirs. <i>Journal of Environmental Management</i> , 2021, 295, 113123.	7.8	25
14	Spatio-temporal Patterns of River Water Quality in the Semiarid Northeastern Brazil. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	14
15	Representing a dense network of ponds and reservoirs in a semi-distributed dryland catchment model. <i>Journal of Hydrology</i> , 2021, 603, 127103.	5.4	23
16	Modeling phosphorus exchange between bottom sediment and water in tropical semiarid reservoirs. <i>Chemosphere</i> , 2020, 246, 125686.	8.2	49
17	The influence of hydroclimatic conditions and water quality on evaporation rates of a tropical lake. <i>Journal of Hydrology</i> , 2020, 590, 125456.	5.4	34
18	Impact of flow conditions on coliform dynamics in an urban lake in the Brazilian semiarid. <i>Urban Water Journal</i> , 2020, 17, 43-53.	2.1	17

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19	The Bell-Shaped Unit Hydrograph for Overland Planes. Journal of Irrigation and Drainage Engineering - ASCE, 2020, 146, 06020001.	1.0	6
20	Modelling the impact of sediment management on the trophic state of a tropical reservoir with high water storage variations. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181169.	0.8	18
21	Modelagem da drenagem urbana e avaliação das cargas bacteriológicas na Vertente Marítima de Fortaleza, Ceará. Engenharia Sanitaria E Ambiental, 2020, 25, 205-216.	0.5	4
22	ANÁLISE E MODELAGEM DAS RELAÇÕES ENTRE NUTRIENTES E FITOPLACTON EM RESERVATÓRIOS DO CEARÁ. Brazilian Journal of Environmental Sciences (Online), 2020, , 134-147.	0.4	12
23	Avaliação de nutriente limitante da produção algal em reservatórios do semiárido brasileiro. Brazilian Journal of Environmental Sciences (Online), 2020, 55, 456-478.	0.4	7
24	Air entrainment and pressure drop in low-cost ejectors. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191444.	0.8	1
25	Phosphorus dynamics in a highly polluted urban drainage channel-shallow reservoir system in the Brazilian semiarid. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180441.	0.8	18
26	Impact of Orifice-to-Pipe Diameter Ratio on Leakage Flow: An Experimental Study. Water (Switzerland), 2019, 11, 2189.	2.7	7
27	Impact of artificial destratification on water availability of reservoirs in the Brazilian semiarid. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20171022.	0.8	10
28	Plumas em escoamento uniforme com estratificação de duas camadas. Engenharia Sanitaria E Ambiental, 2019, 24, 383-390.	0.5	0
29	Desestratificação de reservatórios por meio de aeração artificial. Engenharia Sanitaria E Ambiental, 2019, 24, 327-334.	0.5	0
30	Removal of organic matter in stormwater ponds: a plug-flow model generalisation from waste stabilisation ponds to shallow rivers. Urban Water Journal, 2018, 15, 918-924.	2.1	13
31	Influence of sediment distribution on the relationships among reservoir yield, spill, and evaporation losses. Engenharia Sanitaria E Ambiental, 2018, 23, 849-856.	0.5	2
32	Wave reflection from submerged rectangular obstacles: experiments and predictive formula. Acta Scientiarum - Technology, 2018, 40, 37520.	0.4	0
33	Monitoramento e modelagem da qualidade de água em uma bacia hidrográfica semiárida. Engenharia Sanitaria E Ambiental, 2018, 23, 125-135.	0.5	20
34	Modelagem da qualidade da água do rio Poti em Teresina (PI). Engenharia Sanitaria E Ambiental, 2018, 23, 3-14.	0.5	9
35	Effect of Nozzle Design on Bubbly Jet Entrainment and Oxygen Transfer Efficiency. Journal of Hydraulic Engineering, 2018, 144, .	1.5	11
36	Effect of Artificial Circulation on the Removal Kinetics of Cyanobacteria in a Hypereutrophic Shallow Lake. Journal of Environmental Engineering, ASCE, 2017, 143, .	1.4	20

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37	Circulation induced by diffused aeration in a shallow lake. <i>Water S A</i> , 2017, 43, 36.	0.4	5
38	Flood damping by reservoirs: proposition of a graphical parametric method. <i>Revista Brasileira De Recursos Hidricos</i> , 2017, 22, .	0.5	2
39	Trade-off between reservoir yield and evaporation losses as a function of lake morphology in semi-arid Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1113-1125.	0.8	27
40	AvaliaÃ§Ã£o experimental e modelagem matemÃ¡tica de filtros anaerÃ³bios como alternativa de baixo custo para remoÃ§Ã£o de algas de efluentes de lagoas de estabilizaÃ§Ã£o. <i>Engenharia Sanitaria E Ambiental</i> , 2016, 21, 687-696.	0.5	1
41	Influence of mass transfer on bubble plume hydrodynamics. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 411-422.	0.8	3
42	On mixing a density interface by a bubble plume. <i>Journal of Fluid Mechanics</i> , 2016, 802, .	3.4	16
43	SELF-SIMILARITY OF VERTICAL BUBBLY JETS. <i>Brazilian Journal of Chemical Engineering</i> , 2015, 32, 475-487.	1.3	6
44	Tamanho de bolhas de ar formadas por difusores nÃ£o porosos na Ã¡gua. <i>Engenharia Sanitaria E Ambiental</i> , 2015, 20, 175-180.	0.5	3
45	TransferÃªncia de massa em sistemas de aeraÃ§Ã£o por jatos bifÃ¡sicos. <i>Engenharia Sanitaria E Ambiental</i> , 2013, 18, 9-14.	0.5	1
46	Modeling the Liquid Volume Flux in Bubbly Jets Using a Simple Integral Approach. <i>Journal of Hydraulic Engineering</i> , 2012, 138, 210-215.	1.5	23
47	Closure to "Bubble plume modelling with new functional relationships" by IRAN E. LIMA NETO, <i>J. Hydraulic Res</i>. 50(1), 2012, 134-137.. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012, 50, 648-649.	1.7	0
48	Bubble plume modelling with new functional relationships. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012, 50, 134-137.	1.7	15
49	Maximum suction lift of water jet pumps. <i>Journal of Mechanical Science and Technology</i> , 2011, 25, 391-394.	1.5	16
50	Sediment redistribution due to a dense reservoir network in a large semi-arid Brazilian basin. <i>Hydrological Sciences Journal</i> , 2011, 56, 319-333.	2.6	65
51	Bubbly jets in stagnant water. <i>International Journal of Multiphase Flow</i> , 2008, 34, 1130-1141.	3.4	86
52	Effect of Tank Size and Geometry on the Flow Induced by Circular Bubble Plumes and Water Jets. <i>Journal of Hydraulic Engineering</i> , 2008, 134, 833-842.	1.5	31
53	Horizontal Injection of Gas-Liquid Mixtures in a Water Tank. <i>Journal of Hydraulic Engineering</i> , 2008, 134, 1722-1731.	1.5	40
54	Air Injection in Water with Different Nozzles. <i>Journal of Environmental Engineering, ASCE</i> , 2008, 134, 283-294.	1.4	51

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55	Dissolved Oxygen Downstream of an Effluent Outfall in an Ice-Covered River: Natural and Artificial Aeration. Journal of Environmental Engineering, ASCE, 2007, 133, 1051-1060.	1.4	33
56	Formulação adimensional do fluxo em injetores de fertilizantes. Revista Brasileira De Engenharia Agricola E Ambiental, 2006, 10, 247-251.	1.1	2
57	Performance of Low-Cost Ejectors. Journal of Irrigation and Drainage Engineering - ASCE, 2004, 130, 122-128.	1.0	22
58	Programa computacional para simulação do rendimento de ejetores para fins de dragagem. Revista Escola De Minas, 2004, 57, 209-213.	0.1	2
59	Prediction of leakage flow rate from upward water jets bursting at the ground. Revista Brasileira De Recursos Hidricos, 0, 27, .	0.5	0