

Ricardo Gomes Passos

List of Publications by Year in descending order

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papers

199
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1163117

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1125743

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docs citations

15
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploratory assessment of the occurrence of SARS-CoV-2 in aerosols in hospital facilities and public spaces of a metropolitan center in Brazil. <i>Environmental Research</i> , 2021, 195, 110808.	7.5	46
2	A review of bacterial indicator disinfection mechanisms in waste stabilisation ponds. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 517-539.	8.1	36
3	Hydrodynamic evaluation of a full-scale facultative pond by computational fluid dynamics (CFD) and field measurements. <i>Water Science and Technology</i> , 2014, 70, 569-575.	2.5	20
4	Uso de traçador salino para avaliação da colmatação e das condições hidrodinâmicas em sistemas alagados construídos de escoamento horizontal subsuperficial. <i>Engenharia Agrícola</i> , 2015, 35, 1137-1148.	0.7	16
5	A dynamic and unified model of hydrodynamics in waste stabilization ponds. <i>Chemical Engineering Research and Design</i> , 2019, 144, 434-443.	5.6	15
6	Review of practical aspects for modelling of stabilization ponds using Computational Fluid Dynamics. <i>Environmental Technology Reviews</i> , 2016, 5, 78-102.	4.3	14
7	Performance evaluation of a natural treatment system for small communities, composed of a UASB reactor, maturation ponds (baffled and unbaffled) and a granular rock filter in series. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 490-502.	2.2	12
8	Sodium chloride as a tracer for hydrodynamic characterization of a shallow maturation pond. <i>Water Practice and Technology</i> , 2018, 13, 30-38.	2.0	9
9	Performance evaluation and spatial sludge distribution at facultative and maturation ponds treating wastewater from an international airport. <i>Water Science and Technology</i> , 2014, 70, 226-233.	2.5	7
10	Performance comparison between two equal stabilization ponds operating with and without sludge layer. <i>Water Science and Technology</i> , 2015, 71, 929-937.	2.5	7
11	Upgrading and evaluation of a simple pond system for small communities with simple interventions to reduce land requirements and increase performance. <i>Water Practice and Technology</i> , 2017, 12, 1-11.	2.0	6
12	Simple mid-depth transverse baffles to improve bacterial disinfection in a shallow maturation pond – performance evaluation and CFD simulation. <i>Environmental Technology (United Kingdom)</i> , 2020, , 1-9.	2.2	5
13	Stratification and equalization cycles in shallow maturation ponds with different operational configurations and at different periods of the year. <i>Water Practice and Technology</i> , 2019, 14, 682-694.	2.0	4
14	Effect of partial lockdown due to Covid-19 pandemic on PM10 concentration in Belo Horizonte, Brazil. <i>Desenvolvimento E Meio Ambiente</i> , 0, 58, .	0.0	2
15	Development and application of an approach for safety assessment of radioactive waste storage facilities for accidental scenarios. <i>Brazilian Journal of Radiation Sciences</i> , 2021, 9, .	0.0	0