

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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all docs

15
docs citations

15
times ranked

231
citing authors

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