Renato Farias do Valle Junior

List of Publications by Year
in descending order

22	396	11	19
papers	citations	h-index 840776	g-index 794594

22	22	22	397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prognosis of metal concentrations in sediments and water of Paraopeba River following the collapse of B1 tailings dam in Brumadinho (Minas Gerais, Brazil). Science of the Total Environment, 2022, 809, 151157.	8.0	28
2	Water security threats and challenges following the rupture of large tailings dams. Science of the Total Environment, 2022, 834, 155285.	8.0	25
3	A partial least squares-path model of causality among environmental deterioration indicators in the dry period of Paraopeba River after the rupture of B1 tailings dam in Brumadinho (Minas Gerais,)	8.0	14
4	Role of Mine Tailings in the Spatio-Temporal Distribution of Phosphorus in River Water: The Case of B1 Dam Break in Brumadinho. Water (Switzerland), 2022, 14, 1572.	2.7	9
5	INFLUÃŠNCIA DO USO E COBERTURA DA TERRA NA QUALIDADE DA ÃGUA DA BACIA HIDROGRÃFICA DO RIO UBERABINHA â€" MG. Revista Geonorte, 2022, 13, 167-190.	0.1	1
6	A case study of factors controlling water quality in two warm monomictic tropical reservoirs located in contrasting agricultural watersheds. Science of the Total Environment, 2021, 762, 144511.	8.0	18
7	Estimating water erosion from the brightness index of orbital images: A framework for the prognosis of degraded pastures. Science of the Total Environment, 2021, 776, 146019.	8.0	9
8	Application of an improved vegetation index based on the visible spectrum in the diagnosis of degraded pastures: Implications for development. Land Degradation and Development, 2021, 32, 4693.	3.9	1
9	VULNERABILITY ANALYSIS OF UNDERGROUND AQUIFERS TO CONTAMINATION USING THE DRASTIC METHOD AND RISK DETERMINATION. Caminhos De Geografia, 2021, 22, 227-245.	0.1	1
10	Conflito de uso e indicadores morfomÃ©tricos para a gestÃ£o de polÃtica de uso do solo. Engenharia Sanitaria E Ambiental, 2020, 25, 467-476.	0.5	1
11	The assessment of water erosion using Partial Least Squares-Path Modeling: A study in a legally protected area with environmental land use conflicts. Science of the Total Environment, 2019, 691, 1225-1241.	8.0	26
12	A Regression Model of Stream Water Quality Based on Interactions between Landscape Composition and Riparian Buffer Width in Small Catchments. Water (Switzerland), 2019, 11, 1757.	2.7	22
13	The modeling of pasture conservation and of its impact on stream water quality using Partial Least Squares-Path Modeling. Science of the Total Environment, 2019, 697, 134081.	8.0	26
14	Diagnosis of degraded pastures using an improved NDVI-based remote sensing approach: An application to the Environmental Protection Area of Uberaba River Basin (Minas Gerais, Brazil). Remote Sensing Applications: Society and Environment, 2019, 14, 20-33.	1.5	27
15	The Buffer Capacity of Riparian Vegetation to Control Water Quality in Anthropogenic Catchments from a Legally Protected Area: A Critical View over the Brazilian New Forest Code. Water (Switzerland), 2019, 11, 549.	2.7	46
16	The vulnerability of the environment to spills of dangerous substances on highways: A diagnosis based on multi criteria modeling. Transportation Research, Part D: Transport and Environment, 2018, 62, 748-759.	6.8	7
17	Diagnosis on Transport Risk Based on a Combined Assessment of Road Accidents and Watershed Vulnerability to Spills of Hazardous Substances. International Journal of Environmental Research and Public Health, 2018, 15, 2011.	2.6	4
18	Land degradation: Multiple environmental consequences and routes to neutrality. Current Opinion in Environmental Science and Health, 2018, 5, 79-86.	4.1	106

#	Article	IF	Citations
19	A multi criteria analog model for assessing the vulnerability of rural catchments to road spills of hazardous substances. Environmental Impact Assessment Review, 2017, 64, 26-36.	9.2	25
20	Indolbutiric acid responses on rooting and survival of Hymenaea courbaril L. cuttings. Revista Brasileira De Tecnologia Aplicada Nas Ciências Agrárias, 2017, 10, .	0.1	0
21	Análise da sustentabilidade energética do sistema de uma usina autônoma de álcool através de índices de emergia e pegada ecológica. Revista Agrogeoambiental, 2013, 5, .	0.0	0
22	COMPOSIÇÃO DA MACROFAUNA BENTÔNICA DURANTE O PROCESSO DE RECUPERAÇÃO DA MATA CILIAR DO RIO MANDU EM POUSO ALEGRE, MG.. Periódico Eletrônico Fórum Ambiental Da Alta Paulista, 2011, 6, .	0.0	0