

# Renato Farias do Valle Junior

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

396  
citations

840776

11  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Land degradation: Multiple environmental consequences and routes to neutrality. <i>Current Opinion in Environmental Science and Health</i> , 2018, 5, 79-86.	4.1	106
2	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. <i>Water (Switzerland)</i> , 2019, 11, 549.	2.7	46
3	Prognosis of metal concentrations in sediments and water of Paraopeba River following the collapse of B1 tailings dam in Brumadinho (Minas Gerais, Brazil). <i>Science of the Total Environment</i> , 2022, 809, 151157.	8.0	28
4	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). <i>Remote Sensing Applications: Society and Environment</i> , 2019, 14, 20-33.	1.5	27
5	The assessment of water erosion using Partial Least Squares-Path Modeling: A study in a legally protected area with environmental land use conflicts. <i>Science of the Total Environment</i> , 2019, 691, 1225-1241.	8.0	26
6	The modeling of pasture conservation and of its impact on stream water quality using Partial Least Squares-Path Modeling. <i>Science of the Total Environment</i> , 2019, 697, 134081.	8.0	26
7	A multi criteria analog model for assessing the vulnerability of rural catchments to road spills of hazardous substances. <i>Environmental Impact Assessment Review</i> , 2017, 64, 26-36.	9.2	25
8	Water security threats and challenges following the rupture of large tailings dams. <i>Science of the Total Environment</i> , 2022, 834, 155285.	8.0	25
9	A Regression Model of Stream Water Quality Based on Interactions between Landscape Composition and Riparian Buffer Width in Small Catchments. <i>Water (Switzerland)</i> , 2019, 11, 1757.	2.7	22
10	A case study of factors controlling water quality in two warm monomictic tropical reservoirs located in contrasting agricultural watersheds. <i>Science of the Total Environment</i> , 2021, 762, 144511.	8.0	18
11	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, Brazil). <i>Water (Switzerland)</i> , 2021, 13, 1747.	7.8	14
12	Estimating water erosion from the brightness index of orbital images: A framework for the prognosis of degraded pastures. <i>Science of the Total Environment</i> , 2021, 776, 146019.	8.0	9
13	Role of Mine Tailings in the Spatio-Temporal Distribution of Phosphorus in River Water: The Case of B1 Dam Break in Brumadinho. <i>Water (Switzerland)</i> , 2022, 14, 1572.	2.7	9
14	The vulnerability of the environment to spills of dangerous substances on highways: A diagnosis based on multi criteria modeling. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 62, 748-759.	6.8	7
15	Diagnosis on Transport Risk Based on a Combined Assessment of Road Accidents and Watershed Vulnerability to Spills of Hazardous Substances. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2011.	2.6	4
16	Application of an improved vegetation index based on the visible spectrum in the diagnosis of degraded pastures: Implications for development. <i>Land Degradation and Development</i> , 2021, 32, 4693.	3.9	1
17	Conflito de uso e indicadores morfológicos para a gestão de política de uso do solo. <i>Engenharia Sanitaria E Ambiental</i> , 2020, 25, 467-476.	0.5	1
18	VULNERABILITY ANALYSIS OF UNDERGROUND AQUIFERS TO CONTAMINATION USING THE DRASTIC METHOD AND RISK DETERMINATION. <i>Caminhos De Geografia</i> , 2021, 22, 227-245.	0.1	1

#	ARTICLE	IF	CITATIONS
19	INFLUÊNCIA DO USO E COBERTURA DA TERRA NA QUALIDADE DA ÁGUA DA BACIA HIDROGRÁFICA DO RIO LIBERABINHA - MG. Revista Geonorte, 2022, 13, 167-190.	0.1	1
20	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
21	Análise da sustentabilidade energética do sistema de uma usina autônoma de Açúcar através de Índices de energia e pegada ecológica. Revista Agrogeoambiental, 2013, 5, .	0.0	0
22	Indolbutiric acid responses on rooting and survival of <i>Hymenaea courbaril</i> L. cuttings. Revista Brasileira De Tecnologia Aplicada Nas Ciências Agrárias, 2017, 10, .	0.1	0