

Irma ChacÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

587
citations

623734

14
h-index

642732

23
g-index

46
all docs

46
docs citations

46
times ranked

553
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	A legal framework with scientific basis for applying the "polluter pays principle"™ to soil conservation in rural watersheds in Brazil. <i>Land Use Policy</i> , 2017, 66, 61-71.	5.6	42
4	Flood Vulnerability, Environmental Land Use Conflicts, and Conservation of Soil and Water: A Study in the Batatais SP Municipality, Brazil. <i>Water (Switzerland)</i> , 2018, 10, 1357.	2.7	36
5	Avaliação de características morfológicas na relação solo-superfície da Bacia Hidrográfica do Córrego Rico, Jaboticabal (SP). <i>Revista Brasileira De Ciencia Do Solo</i> , 2004, 28, 297-305.	1.3	31
6	Land capability of multiple-landform watersheds with environmental land use conflicts. <i>Land Use Policy</i> , 2019, 81, 689-704.	5.6	28
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	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
9	Correlação espacial do Índice de vegetação (NDVI) de imagem Landsat/ETM+ com atributos do solo. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2013, 17, 608-614.	1.1	20
10	Avaliação dos fragmentos florestais do município de Jaboticabal-SP. <i>Revista Arvore</i> , 2009, 33, 117-124.	0.5	19
11	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
12	Effect of watershed land use on water quality: a case study in Córrego da Olaria Basin, São Paulo State, Brazil. <i>Brazilian Journal of Biology</i> , 2018, 78, 625-635.	0.9	17
13	Land use impact on potentially toxic metals concentration on surface water and resistant microorganisms in watersheds. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 366-374.	6.0	16
14	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). <i>Tj ETQq0 0 0 rgBT7.9verlock140 Tf 50 2</i>	7.0	14
15	Production of clean water in agriculture headwater catchments: A model based on the payment for environmental services. <i>Science of the Total Environment</i> , 2021, 785, 147331.	8.0	13
16	Spatial indicator of priority areas for the implementation of agroforestry systems: An optimization strategy for agricultural landscapes restoration. <i>Science of the Total Environment</i> , 2022, 839, 156185.	8.0	13
17	Potencial de erosão da bacia do Rio Uberaba. <i>Engenharia Agricola</i> , 2010, 30, 897-908.	0.7	12
18	Morfometria de microbacias do Córrego Rico, afluente do Rio Mogi-Guaçu, Estado de São Paulo, Brasil. <i>Revista Arvore</i> , 2010, 34, 669-676.	0.5	10

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19	Degradação ambiental da bacia hidrográfica do rio Uberaba: uma abordagem metodológica. Engenharia Agrícola, 2010, 30, 179-192.	0.7	9
20	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
21	The Configuration of Forest Cover in Ribeirão Preto: A Diagnosis of Brazil's Forest Code Implementation. Sustainability, 2020, 12, 5686.	3.2	8
22	CARACTERIZAÇÃO MORFOMÉTRICA DA MICROBACIA HIDROGRÁFICA DO CARRREGO DA FAZENDA GLÁRIA, MUNICÍPIO DE TAQUARITINGA, SP.. Irriga, 2008, 13, 310-322.	0.1	8
23	Potential Impacts of Land Use Changes on Water Resources in a Tropical Headwater Catchment. Water (Switzerland), 2021, 13, 3249.	2.7	8
24	Water Security Assessment of Groundwater Quality in an Anthropized Rural Area from the Atlantic Forest Biome in Brazil. Water (Switzerland), 2020, 12, 623.	2.7	7
25	Quantificação das classes de erosão por tipo de uso do solo no município de Franca - SP. Engenharia Agrícola, 2006, 26, 200-207.	0.7	7
26	Influência da escala na análise morfométrica de microbacias hidrográficas. Revista Brasileira De Engenharia Agrícola E Ambiental, 2011, 15, 1062-1067.	1.1	6
27	The Assessment of Hydrological Availability and the Payment for Ecosystem Services: A Pilot Study in a Brazilian Headwater Catchment. Water (Switzerland), 2020, 12, 2726.	2.7	5
28	Diagnóstico das áreas de preservação permanente na bacia hidrográfica do Rio Tijuco, Ituiutaba - MG, utilizando tecnologia SIG. Engenharia Agrícola, 2010, 30, 495-503.	0.7	5
29	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
30	Environmental adaptation of the source of the subbasin of Rico Stream, Monte Alto - SP, Brazil. Engenharia Agrícola, 2013, 33, 303-311.	0.7	4
31	EFFECT OF SOIL USE ON THE QUALITY OF WATER RESOURCE IN WATERSHED USING MULTIVARIATE STATISTICAL ANALYSIS. Irriga, 2015, 20, 776-789.	0.1	4
32	APLICABILIDADE DO MODELO HIDROLÓGICO SWAT NA BACIA HIDROGRÁFICA DO RIO PARAIBUNA, SP - BRASIL. Irriga, 2019, 24, 594-609.	0.1	3
33	ANÁLISE MULTIVARIADA DE MICROBACIAS EM RELAÇÃO AO TIPO DE SOLO. Irriga, 2010, 15, 208-216.	0.1	2
34	Water-Secure River Basins: A Compromise of Policy, Governance and Management with the Environment. Water (Switzerland), 2022, 14, 1329.	2.7	2
35	Gully mapping using geographic object-based image analysis: A case study at catchment scale in the Brazilian Cerrado. Remote Sensing Applications: Society and Environment, 2020, 20, 100399.	1.5	1
36	ANÁLISE TEMPORAL DO USO E OCUPAÇÃO DO SOLO NA MICROBACIA HIDROGRÁFICA DO CARRREGO DA FAZENDA GLÁRIA, MUNICÍPIO DE TAQUARITINGA, SP.. Irriga, 2009, 14, 314-324.	0.1	1

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37	DEFINITION OF PRIORITY AREAS FOR FITNESS USE OF LAND THROUGH THE ANALYSIS MULTICRITERIA. Energia Na Agricultura, 2015, 30, 395.	0.1	1
38	LEVANTAMENTO DOS FRAGMENTOS FLORESTAIS SITUADOS DENTRO DA ÁREA DE PRESERVAÇÃO PERMANENTE AO LONGO DA REDE DE DRENAGEM DA MICROBACIA DO CARRREGO DO JABOTICABAL. Periódico Eletrônico Fórum Ambiental Da Alta Paulista, 2011, 6, .	0.0	1
39	Análise temporal dos processos erosivos na microbacia hidrográfica do carrrego da fazenda Glória, Taquaritinga, SP, Brasil. Revista Arvore, 2011, 35, 745-750.	0.5	1
40	Conflito de uso e indicadores morfométricos para a gestão de política de uso do solo. Engenharia Sanitaria E Ambiental, 2020, 25, 467-476.	0.5	1
41	Methodological proposal for Payments for Environmental Services (PES) aiming to produce clean water in springs. Ciência E Natura, 0, 44, e23.	0.0	1
42	INFLUÊNCIA DO USO E COBERTURA DA TERRA NA QUALIDADE DA ÁGUA DA BACIA HIDROGRÁFICA DO RIO UBERABINHA em MG. Revista Geonorte, 2022, 13, 167-190.	0.1	1
43	Bovine Biofertilizer and Water Regime Effects on Growth and Bulb Quality of Garlic. Biological Agriculture and Horticulture, 2011, 27, 139-146.	1.0	0
44	ANÁLISE DAS CONDIÇÕES HIDROLÓGICAS EM BACIAS HIDROGRÁFICAS COM DIFERENTES USO E OCUPAÇÃO DO SOLO.. Irriga, 2008, 13, 552-565.	0.1	0
45	CONDIÇÕES HIDROLÓGICAS DE UMA BACIA HIDROGRÁFICA COM DIFERENTES USOS DO SOLO NA REGIÃO DE TAQUARITINGA, SP.. Irriga, 2009, 14, 158-169.	0.1	0
46	Growth and Wood Quality from 32-Year-Old <i>Eucalyptus pellita</i> Owing to Chemical Characteristics of the Soil. Silva Lusitana, 2021, 29, 177-198.	0.2	0