

# Irma ChacÃ³n

## List of Publications by Year in descending order

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46  
papers

587  
citations

623734

14  
h-index

642732

23  
g-index

46  
all docs

46  
docs citations

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times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	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</i> (Switzerland), 2022, 14, 1329.	0.784314	0
2	Water-Secure River Basins: A Compromise of Policy, Governance and Management with the Environment. <i>Water</i> (Switzerland), 2022, 14, 1329.	2.7	2
3	Role of Mine Tailings in the Spatio-Temporal Distribution of Phosphorus in River Water: The Case of B1 Dam Break in Brumadinho. <i>Water</i> (Switzerland), 2022, 14, 1572.	2.7	9
4	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
5	INFLUÊNCIA DO USO E COBERTURA DA TERRA NA QUALIDADE DA ÁGUA DA BACIA HIDROGRÁFICA DO RIO UBERABINHA - MG. <i>Revista Geonorte</i> , 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. <i>Science of the Total Environment</i> , 2021, 762, 144511.	8.0	18
7	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
8	Potential Impacts of Land Use Changes on Water Resources in a Tropical Headwater Catchment. <i>Water</i> (Switzerland), 2021, 13, 3249.	2.7	8
9	Growth and Wood Quality from 32-Year-Old <i>Eucalyptus pellita</i> Owing to Chemical Characteristics of the Soil. <i>Silva Lusitana</i> , 2021, 29, 177-198.	0.2	0
10	Gully mapping using geographic object-based image analysis: A case study at catchment scale in the Brazilian Cerrado. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 20, 100399.	1.5	1
11	The Configuration of Forest Cover in Ribeirão Preto: A Diagnosis of Brazil's Forest Code Implementation. <i>Sustainability</i> , 2020, 12, 5686.	3.2	8
12	The Assessment of Hydrological Availability and the Payment for Ecosystem Services: A Pilot Study in a Brazilian Headwater Catchment. <i>Water</i> (Switzerland), 2020, 12, 2726.	2.7	5
13	Water Security Assessment of Groundwater Quality in an Anthropized Rural Area from the Atlantic Forest Biome in Brazil. <i>Water</i> (Switzerland), 2020, 12, 623.	2.7	7
14	Conflito de uso e indicadores morfométricos para a gestão de política de uso do solo. <i>Engenharia Sanitaria E Ambiental</i> , 2020, 25, 467-476.	0.5	1
15	A Regression Model of Stream Water Quality Based on Interactions between Landscape Composition and Riparian Buffer Width in Small Catchments. <i>Water</i> (Switzerland), 2019, 11, 1757.	2.7	22
16	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</i> (Switzerland), 2019, 11, 549.	2.7	46
17	Land capability of multiple-landform watersheds with environmental land use conflicts. <i>Land Use Policy</i> , 2019, 81, 689-704.	5.6	28
18	APLICABILIDADE DO MODELO HIDROLÓGICO SWAT NA BACIA HIDROGRÁFICA DO RIO PARAIBUNA, SP - BRASIL. <i>Irriga</i> , 2019, 24, 594-609.	0.1	3

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19	Flood Vulnerability, Environmental Land Use Conflicts, and Conservation of Soil and Water: A Study in the Batatais SP Municipality, Brazil. <i>Water</i> (Switzerland), 2018, 10, 1357.	2.7	36
20	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
21	Effect of watershed land use on water quality: a case study in C�rrrego da Olaria Basin, S�o Paulo State, Brazil. <i>Brazilian Journal of Biology</i> , 2018, 78, 625-635.	0.9	17
22	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
23	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
24	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
25	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
26	DEFINITION OF PRIORITY AREAS FOR FITNESS USE OF LAND THROUGH THE ANALYSIS MULTICRITERIA. <i>Energia Na Agricultura</i> , 2015, 30, 395.	0.1	1
27	EFFECT OF SOIL USE ON THE QUALITY OF WATER RESOURCE IN WATERSHED USING MULTIVARIATE STATISTICAL ANALYSIS. <i>Irriga</i> , 2015, 20, 776-789.	0.1	4
28	Correla�o espacial do �ndice de vegeta�o (NDVI) de imagem Landsat/ETM+ com atributos do solo. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2013, 17, 608-614.	1.1	20
29	Environmental adaptation of the source of the subbasin of Rico Stream, Monte Alto - SP, Brazil. <i>Engenharia Agrícola</i> , 2013, 33, 303-311.	0.7	4
30	Influ�ncia da escala na an�lise morfom�trica de microbacias hidrogr�ficas. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2011, 15, 1062-1067.	1.1	6
31	Bovine Biofertilizer and Water Regime Effects on Growth and Bulb Quality of Garlic. <i>Biological Agriculture and Horticulture</i> , 2011, 27, 139-146.	1.0	0
32	LEVANTAMENTO DOS FRAGMENTOS FLORESTAIS SITUADOS DENTRO DA �REA DE PRESERVA�O PERMANENTE AO LONGO DA REDE DE DRENAGEM DA MICROBACIA DO C�RREGO DO JABOTICABAL. <i>Peri�dico Eletr�nico F�rum Ambiental Da Alta Paulista</i> , 2011, 6, .	0.0	1
33	An�lise temporal dos processos erosivos na microbacia hidrogr�fica do c�rrego da fazenda Gl�ria, Taquaritinga, SP, Brasil. <i>Revista Arvore</i> , 2011, 35, 745-750.	0.5	1
34	Potencial de eros�o da bacia do Rio Uberaba. <i>Engenharia Agrícola</i> , 2010, 30, 897-908.	0.7	12
35	Degrada�o ambiental da bacia hidrogr�fica do rio Uberaba: uma abordagem metodol�gica. <i>Engenharia Agrícola</i> , 2010, 30, 179-192.	0.7	9
36	Morfometria de microbacias do C�rrego Rico, afluente do Rio Mogi-Gua�u, Estado de S�o Paulo, Brasil. <i>Revista Arvore</i> , 2010, 34, 669-676.	0.5	10

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37	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
38	ANÁLISE MULTIVARIADA DE MICROBACIAS EM RELAÇÃO AO TIPO DE SOLO. Irriga, 2010, 15, 208-216.	0.1	2
39	Avaliação dos fragmentos florestais do município de Jaboticabal-SP. Revista Arvore, 2009, 33, 117-124.	0.5	19
40	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
41	CONDIÇÕES HIDROLÓGICAS DE UMA BACIA HIDROGRÁFICA COM DIFERENTES USOS DO SOLO NA REGIÃO DE TAQUARITINGA, SP.. Irriga, 2009, 14, 158-169.	0.1	0
42	CARACTERIZAÇÃO MORFOMÉTRICA DA MICROBACIA HIDROGRÁFICA DO CARRREGO DA FAZENDA GLÁRIA, MUNICÍPIO DE TAQUARITINGA, SP.. Irriga, 2008, 13, 310-322.	0.1	8
43	ANÁLISE DAS CONDIÇÕES HIDROLÓGICAS EM BACIAS HIDROGRÁFICAS COM DIFERENTES USO E OCUPAÇÃO DO SOLO.. Irriga, 2008, 13, 552-565.	0.1	0
44	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
45	Avaliação de características morfológicas na relação solo-superfície da Bacia Hidrográfica do Carrrego Rico, Jaboticabal (SP). Revista Brasileira De Ciencia Do Solo, 2004, 28, 297-305.	1.3	31
46	Methodological proposal for Payments for Environmental Services (PES) aiming to produce clean water in springs. Ciência E Natura, 0, 44, e23.	0.0	1