

Guilherme Marques

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

495
citations

840119

11
h-index

752256

20
g-index

27
all docs

27
docs citations

27
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of California's Water Supply System: Results and Insights. Journal of Water Resources Planning and Management - ASCE, 2004, 130, 271-280.	1.3	154
2	Performance of rainwater harvesting systems under scenarios of non-potable water demand and roof area typologies using a stochastic approach. Journal of Cleaner Production, 2017, 148, 304-313.	4.6	53
3	Modeling Conjunctive Use Operations and Farm Decisions with Two-Stage Stochastic Quadratic Programming. Journal of Water Resources Planning and Management - ASCE, 2010, 136, 386-394.	1.3	45
4	Economically Driven Simulation of Regional Water Systems: Friant-Kern, California. Journal of Water Resources Planning and Management - ASCE, 2006, 132, 468-479.	1.3	36
5	Hydroeconomic optimization of integrated water management and transfers under stochastic surface water supply. Water Resources Research, 2015, 51, 3568-3587.	1.7	30
6	The economic value of coordination in large-scale multireservoir systems: The Parana River case. Water Resources Research, 2013, 49, 7546-7557.	1.7	29
7	Economic Value of Storage in Multireservoir Systems. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 375-383.	1.3	28
8	Planning for infrastructure capacity expansion of urban water supply portfolios with an integrated simulation-optimization approach. Sustainable Cities and Society, 2017, 29, 247-256.	5.1	23
9	Bioenergy Development Policy and Practice Must Recognize Potential Hydrologic Impacts: Lessons from the Americas. Environmental Management, 2015, 56, 1295-1314.	1.2	19
10	A dynamic water accounting framework based on marginal resource opportunity cost. Hydrology and Earth System Sciences, 2015, 19, 1457-1467.	1.9	15
11	The economic value of the flow regulation environmental service in a Brazilian urban watershed. Journal of Hydrology, 2017, 554, 406-419.	2.3	11
12	Integrating Water Management Instruments to Reconcile a Hydroeconomic Water Allocation Strategy With Other Water Preferences. Water Resources Research, 2020, 56, e2019WR025558.	1.7	8
13	Cost Distribution of Environmental Flow Demands in a Large-Scale Multireservoir System. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	1.3	7
14	Identifying Functional Flow Regimes and Fish Response for Multiple Reservoir Operating Solutions. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	1.3	7
15	Systems capacity expansion planning: Novel approach for environmental and energy policy change analysis. Environmental Modelling and Software, 2016, 85, 70-79.	1.9	6
16	Advances and challenges in the water sciences in Brazil: a community synthesis of the XXIII Brazilian Water Resources Symposium. Revista Brasileira De Recursos Hidricos, 0, 25, .	0.5	5
17	Reassessing Water Allocation Strategies and Conjunctive Use to Reduce Water Scarcity and Scarcity Costs for Irrigated Agriculture in Southern Brazil. Water (Switzerland), 2019, 11, 1140.	1.2	4
18	A modelling framework for nature-based solutions expansion planning considering the benefits to downstream urban water users. Environmental Modelling and Software, 2022, 152, 105381.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Hydro Economic Modeling to Support Water Resources Management and Irrigated Bio Fuel Crops Production. , 2010, , .		2
20	Modeling and Optimization of Fish Passage Structures. , 2011, , .		2
21	Technical coefficients of direct use of water in monetary terms for agriculture and urban water use. Water Science and Technology: Water Supply, 2015, 15, 1123-1132.	1.0	2
22	MAPEAMENTO DO RISCO DE PREJUÍZO COMO MEDIDA DE GESTÃO E ADAPTAÇÃO ÀS INUNDAÇÕES. Geociencias, 2018, 37, 121-136.	0.1	2
23	Water-“Food”-Energy Nexus Tradeoffs in the São Marcos River Basin. Water (Switzerland), 2021, 13, 817.	1.2	2
24	Coordination of sanitation investment decisions with broader water resources management. Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental, 0, 24, e14.	0.0	1
25	Water Transfer Analysis in the São Francisco River Basin with Mathematical Simulation Planning Tool. , 2008, , .		0
26	Improving Sustainable Sites through the Use of Native Species to Reduce Water Demand in Landscape Projects. , 2011, , .		0
27	Integration of GIS and Hydraulic Modeling to Evaluate the Cost of Ecological Stream Flow Recovery in Irapó Dam, Brazil. , 2011, , .		0