

Rodrigo Rojas

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,911
citations

331259

21
h-index

476904

29
g-index

35
all docs

35
docs citations

35
times ranked

4168
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing stress on disaster-risk finance due to large floods. <i>Nature Climate Change</i> , 2014, 4, 264-268.	8.1	425
2	Validation of Satellite-Based Precipitation Products over Sparsely Gauged African River Basins. <i>Journal of Hydrometeorology</i> , 2012, 13, 1760-1783.	0.7	256
3	Climate change and river floods in the European Union: Socio-economic consequences and the costs and benefits of adaptation. <i>Global Environmental Change</i> , 2013, 23, 1737-1751.	3.6	222
4	Ensemble projections of future streamflow droughts in Europe. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 85-108.	1.9	211
5	Multi-hazard assessment in Europe under climate change. <i>Climatic Change</i> , 2016, 137, 105-119.	1.7	201
6	Hydrological evaluation of satellite-based rainfall estimates over the Volta and Baro-Akobo Basin. <i>Journal of Hydrology</i> , 2013, 499, 324-338.	2.3	187
7	Standard Particle Swarm Optimisation 2011 at CEC-2013: A baseline for future PSO improvements. , 2013, , .		180
8	Conceptual model uncertainty in groundwater modeling: Combining generalized likelihood uncertainty estimation and Bayesian model averaging. <i>Water Resources Research</i> , 2008, 44, .	1.7	175
9	Improving pan-European hydrological simulation of extreme events through statistical bias correction of RCM-driven climate simulations. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 2599-2620.	1.9	124
10	A model-independent Particle Swarm Optimisation software for model calibration. <i>Environmental Modelling and Software</i> , 2013, 43, 5-25.	1.9	119
11	Bias correction of the ENSEMBLES high resolution climate change projections for use by impact models: Analysis of the climate change signal. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	89
12	Social tipping points in global groundwater management. <i>Nature Human Behaviour</i> , 2017, 1, 640-649.	6.2	89
13	Assessment of future flood hazard in Europe using a large ensemble of bias-corrected regional climate simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	85
14	Application of a multimodel approach to account for conceptual model and scenario uncertainties in groundwater modelling. <i>Journal of Hydrology</i> , 2010, 394, 416-435.	2.3	82
15	An agent-based platform for simulating complex human-aquifer interactions in managed groundwater systems. <i>Environmental Modelling and Software</i> , 2015, 73, 305-323.	1.9	66
16	Assessment of conceptual model uncertainty for the regional aquifer Pampa del Tamarugal " North Chile. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 171-192.	1.9	60
17	Groundwater flow modelling of the regional aquifer of the Pampa del Tamarugal, northern Chile. <i>Hydrogeology Journal</i> , 2007, 15, 537-551.	0.9	54
18	Chronology, stratigraphy and hydrological modelling of extensive wetlands and paleolakes in the hyperarid core of the Atacama Desert during the late quaternary. <i>Quaternary Science Reviews</i> , 2018, 197, 224-245.	1.4	52

#	ARTICLE	IF	CITATIONS
19	On the value of conditioning data to reduce conceptual model uncertainty in groundwater modeling. <i>Water Resources Research</i> , 2010, 46, .	1.7	41
20	Sensitivity analysis of prior model probabilities and the value of prior knowledge in the assessment of conceptual model uncertainty in groundwater modelling. <i>Hydrological Processes</i> , 2009, 23, 1131-1146.	1.1	38
21	Sustainable groundwater management: How long and what will it take?. <i>Global Environmental Change</i> , 2019, 58, 101972.	3.6	33
22	Structured Coupling of Probability Loss Distributions: Assessing Joint Flood Risk in Multiple River Basins. <i>Risk Analysis</i> , 2015, 35, 2102-2119.	1.5	24
23	Advancing Collaborative Water Governance: Unravelling Stakeholders'™ Relationships and Influences in Contentious River Basins. <i>Water (Switzerland)</i> , 2020, 12, 3316.	1.2	21
24	Collaborate or perish: water resources management under contentious water use in a semiarid basin. <i>International Journal of River Basin Management</i> , 2020, 18, 421-437.	1.5	18
25	Trends in Groundwater Levels in Alluvial Aquifers of the Murray's Darling Basin and Their Attributions. <i>Water (Switzerland)</i> , 2022, 14, 1808.	1.2	8
26	Participatory and Integrated Modelling under Contentious Water Use in Semiarid Basins. <i>Hydrology</i> , 2022, 9, 49.	1.3	7
27	Groundwater Resource Assessment and Conceptualization in the Pilbara Region, Western Australia. <i>Earth Systems and Environment</i> , 2018, 2, 345-365.	3.0	6
28	Cultural Values in Water Management and Governance: Where Do We Stand?. <i>Water (Switzerland)</i> , 2022, 14, 803.	1.2	6
29	Reply to 'Statistics of flood risk'. <i>Nature Climate Change</i> , 2014, 4, 844-845.	8.1	2
30	A benefit cost analysis of strategic and operational management options for water management in hyper-arid southern Peru. <i>Agricultural Water Management</i> , 2022, 265, 107518.	2.4	2