

Barbara Anna Willaarts

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,781
citations

394421

19
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

3283
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing LULC scenarios impact assessment in hydrological dynamics using participatory mapping protocols in semiarid regions. <i>Science of the Total Environment</i> , 2022, 803, 149906.	8.0	8
2	An Integrated Approach to Assess the Water Efficiency of Introducing Best Management Practices: An Application to Sugarcane Mechanisation in Brazil. <i>Water (Switzerland)</i> , 2022, 14, 1072.	2.7	0
3	Balancing smart irrigation and hydropower investments for sustainable water conservation in the Indus basin. <i>Environmental Science and Policy</i> , 2022, 135, 147-161.	4.9	4
4	Transboundary cooperation a potential route to sustainable development in the Indus basin. <i>Nature Sustainability</i> , 2021, 4, 331-339.	23.7	47
5	Cross-sectoral implications of the implementation of irrigation water use efficiency policies in Spain: A nexus footprint approach. <i>Ecological Indicators</i> , 2020, 109, 105795.	6.3	13
6	Bringing the sharing-sparing debate down to the ground – Lessons learnt for participatory scenario development. <i>Land Use Policy</i> , 2020, 91, 104262.	5.6	12
7	Self-organizing map of soil properties in the context of hydrological modeling. <i>Applied Mathematical Modelling</i> , 2020, 88, 175-189.	4.2	10
8	Can the Implementation of the Water-Energy-Food Nexus Support Economic Growth in the Mediterranean Region? The Current Status and the Way Forward. <i>Frontiers in Environmental Science</i> , 2019, 7, .	3.3	62
9	Co-designing Indus Water-Energy-Land Futures. <i>One Earth</i> , 2019, 1, 185-194.	6.8	54
10	Integrated Solutions for the Water-Energy-Land Nexus: Are Global Models Rising to the Challenge?. <i>Water (Switzerland)</i> , 2019, 11, 2223.	2.7	24
11	Developing stakeholder-driven scenarios on land sharing and land sparing – Insights from five European case studies. <i>Journal of Environmental Management</i> , 2019, 241, 488-500.	7.8	42
12	A comparison of the Mediterranean diet and current food consumption patterns in Spain from a nutritional and water perspective. <i>Science of the Total Environment</i> , 2019, 664, 1020-1029.	8.0	75
13	An accurate evaluation of water availability in sub-arid Mediterranean watersheds through SWAT: Cega-Eresma-Adaja. <i>Agricultural Water Management</i> , 2019, 212, 211-225.	5.6	45
14	Food consumption and waste in Spanish households: Water implications within and beyond national borders. <i>Ecological Indicators</i> , 2018, 89, 290-300.	6.3	40
15	Global exposure and vulnerability to multi-sector development and climate change hotspots. <i>Environmental Research Letters</i> , 2018, 13, 055012.	5.2	162
16	Fostering integrated land and water management approaches: Evaluating the water footprint of a Mediterranean basin under different agricultural land use scenarios. <i>Land Use Policy</i> , 2017, 61, 24-39.	5.6	40
17	Evaluating the Water Footprint of the Mediterranean and American Diets. <i>Water (Switzerland)</i> , 2016, 8, 448.	2.7	38
18	Environmental Factors Controlling Soil Organic Carbon Stocks in Two Contrasting Mediterranean Climatic Areas of Southern Spain. <i>Land Degradation and Development</i> , 2016, 27, 603-611.	3.9	59

#	ARTICLE	IF	CITATIONS
19	Water security or water "securities"? Increasing complexity in balancing of multiple goals in Spain. , 2016, , .		1
20	Biophysical and sociocultural factors underlying spatial trade-offs of ecosystem services in semiarid watersheds. Ecology and Society, 2015, 20, .	2.3	56
21	The Role of Latin America's Land and Water Resources for Global Food Security: Environmental Trade-Offs of Future Food Production Pathways. PLoS ONE, 2015, 10, e0116733.	2.5	41
22	River basins as social-ecological systems: linking levels of societal and ecosystem water metabolism in a semiarid watershed. Ecology and Society, 2015, 20, .	2.3	38
23	More cash and jobs per illegal drop? The legal and illegal water footprint of the Western Mancha Aquifer (Spain). Environmental Science and Policy, 2015, 51, 256-266.	4.9	10
24	Drivers influencing streamflow changes in the Upper Turia basin, Spain. Science of the Total Environment, 2015, 503-504, 258-268.	8.0	37
25	The Spanish water "pressure cooker". International Journal of Water Governance, 2013, 1, 13-40.	0.3	11
26	Assessing the ecosystem services supplied by freshwater flows in Mediterranean agroecosystems. Agricultural Water Management, 2012, 105, 21-31.	5.6	72
27	Uncovering Ecosystem Service Bundles through Social Preferences. PLoS ONE, 2012, 7, e38970.	2.5	688
28	Changes in land uses and management in two Nature Reserves in Spain: Evaluating the social "ecological resilience of cultural landscapes. Landscape and Urban Planning, 2010, 98, 26-35.	7.5	85