Barbara Anna Willaarts

List of Publications by Year
in descending order

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	Uncovering Ecosystem Service Bundles through Social Preferences. PLoS ONE, 2012, 7, e38970.	2.5	688
2	Global exposure and vulnerability to multi-sector development and climate change hotspots. Environmental Research Letters, 2018, 13, 055012.	5.2	162
3	Changes in land uses and management in two Nature Reserves in Spain: Evaluating the socialâ€“ecological resilience of cultural landscapes. Landscape and Urban Planning, 2010, 98, 26-35.	7.5	85
4	A comparison of the Mediterranean diet and current food consumption patterns in Spain from a nutritional and water perspective. Science of the Total Environment, 2019, 664, 1020-1029.	8.0	75
5	Assessing the ecosystem services supplied by freshwater flows in Mediterranean agroecosystems. Agricultural Water Management, 2012, 105, 21-31.	5.6	72
6	Can the Implementation of the Water-Energy-Food Nexus Support Economic Growth in the Mediterranean Region? The Current Status and the Way Forward. Frontiers in Environmental Science, 2019, 7, .	3.3	62
7	Environmental Factors Controlling Soil Organic Carbon Stocks in Two Contrasting Mediterranean Climatic Areas of Southern Spain. Land Degradation and Development, 2016, 27, 603-611.	3.9	59
8	Biophysical and sociocultural factors underlying spatial trade-offs of ecosystem services in semiarid watersheds. Ecology and Society, 2015, 20, .	2.3	56
9	Co-designing Indus Water-Energy-Land Futures. One Earth, 2019, 1, 185-194.	6.8	54
10	Transboundary cooperation a potential route to sustainable development in the Indus basin. Nature Sustainability, 2021, 4, 331-339.	23.7	47
11	An accurate evaluation of water availability in sub-arid Mediterranean watersheds through SWAT: Cega-Eresma-Adaja. Agricultural Water Management, 2019, 212, 211-225.	5.6	45
12	Developing stakeholder-driven scenarios on land sharing and land sparing â€“ Insights from five European case studies. Journal of Environmental Management, 2019, 241, 488-500.	7.8	42
13	The Role of Latin Americaâ€™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
14	Fostering integrated land and water management approaches: Evaluating the water footprint of a Mediterranean basin under different agricultural land use scenarios. Land Use Policy, 2017, 61, 24-39.	5.6	40
15	Food consumption and waste in Spanish households: Water implications within and beyond national borders. Ecological Indicators, 2018, 89, 290-300.	6.3	40
16	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
17	Evaluating the Water Footprint of the Mediterranean and American Diets. Water (Switzerland), 2016, 8, 448.	2.7	38
18	Drivers influencing streamflow changes in the Upper Turia basin, Spain. Science of the Total Environment, 2015, 503-504, 258-268.	8.0	37

#	Article	IF	Citations
19	Integrated Solutions for the Water-Energy-Land Nexus: Are Global Models Rising to the Challenge?. Water (Switzerland), 2019, 11, 2223.	2.7	24
20	Cross-sectoral implications of the implementation of irrigation water use efficiency policies in Spain: A nexus footprint approach. Ecological Indicators, 2020, 109, 105795.	6.3	13
21	Bringing the sharing-sparing debate down to the groundâ€"Lessons learnt for participatory scenario development. Land Use Policy, 2020, 91, 104262.	5.6	12
22	The Spanish water â€œpressure cookerâ€: International Journal of Water Governance, 2013, 1, 13-40.	0.3	11
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	Self-organizing map of soil properties in the context of hydrological modeling. Applied Mathematical Modelling, 2020, 88, 175-189.	4.2	10
25	Enhancing LULC scenarios impact assessment in hydrological dynamics using participatory mapping protocols in semiarid regions. Science of the Total Environment, 2022, 803, 149906.	8.0	8
26	Balancing smart irrigation and hydropower investments for sustainable water conservation in the Indus basin. Environmental Science and Policy, 2022, 135, 147-161.	4.9	4
27	Water security or water â€˜securitiesâ€™? Increasing complexity in balancing of multiple goals in Spain. , 2016, , .		1
28	An Integrated Approach to Assess the Water Efficiency of Introducing Best Management Practices: An Application to Sugarcane Mechanisation in Brazil. Water (Switzerland), 2022, 14, 1072.	2.7	0