Matthias Beyer

List of Publications by Year
in descending order

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15 papers	544 citations	1040056 9 h-index	996975 15 g-index
26 all docs	26 docs citations	26 times ranked	618 citing authors

#	Article	IF	Citations
1	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes â€“ challenges and opportunities from an interdisciplinary perspective. Biogeosciences, 2018, 15, 6399-6415.	3.3	115
2	In situ unsaturated zone water stable isotope (²H and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 balance. Hydrology and Earth System Sciences, 2016, 20, 715-731.	4.9	81
3	Review on soil water isotope-based groundwater recharge estimations. Hydrological Processes, 2016, 30, 2817-2834.	2.6	80
4	Ecosystem fluxes during drought and recovery in an experimental forest. Science, 2021, 374, 1514-1518.	12.6	60
5	Borehole Equilibration: Testing a New Method to Monitor the Isotopic Composition of Tree Xylem Water in situ. Frontiers in Plant Science, 2020, 11, 358.	3.6	48
6	In situ measurements of soil and plant water isotopes: a review of approaches, practical considerations and a vision for the future. Hydrology and Earth System Sciences, 2020, 24, 4413-4440.	4.9	46
7	On the Spatio-Temporal Under-Representation of Isotopic Data in Ecohydrological Studies. Frontiers in Water, 2021, 3, .	2.3	28
8	Continuous in situ measurements of water stable isotopes in soils, tree trunk and root xylem: Field approval. Rapid Communications in Mass Spectrometry, 2022, 36, e9232.	1.5	22
9	Estimation of groundwater recharge via deuterium labelling in the semi-arid Cuvelai-Etosha Basin, Namibia. Isotopes in Environmental and Health Studies, 2015, 51, 533-552.	1.0	18
10	Hydrogeochemical and isotope study of perched aquifers in the Cuvelai-Etosha Basin, Namibia. Isotopes in Environmental and Health Studies, 2017, 53, 382-399.	1.0	11
11	Stable isotope signatures of meteoric water in the Cuvelai-Etosha Basin, Namibia: Seasonal characteristics, trends and relations to southern African patterns. Isotopes in Environmental and Health Studies, 2018, 54, 588-607.	1.0	8
12	Soil water balance in the Lake Chad Basin using stable water isotopes and chloride of soil profiles. Isotopes in Environmental and Health Studies, 2019, 55, 459-477.	1.0	7
13	A preliminary isotopeâ€based evapotranspiration partitioning approach for tropical Costa Rica. Ecohydrology, 2021, 14, e2297.	2.4	7
14	Evaporation loss along the Calueque-Oshakati Canal in the Cuvelai-Etosha Basin (Northern Namibia): evidence from stable isotopes and hydrochemistry. Isotopes in Environmental and Health Studies, 2021, 57, 53-66.	1.0	2
15	Spatio-temporal variations of hydrochemical and isotopic patterns of groundwater in hand-dug wells: the Cuvelai-Etosha Basin, Namibia. Proceedings of the International Association of Hydrological Sciences, 0, 378, 29-35.	1.0	2