

Sonja Germer

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,258
citations

566801

15
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of stemflow generation dynamics and stemflow–environment interactions in forests and shrublands. <i>Reviews of Geophysics</i> , 2015, 53, 673-714.	9.0	251
2	Influence of land-use change on near-surface hydrological processes: Undisturbed forest to pasture. <i>Journal of Hydrology</i> , 2010, 380, 473-480.	2.3	149
3	Land management impacts on runoff sources in small Amazon watersheds. <i>Hydrological Processes</i> , 2008, 22, 1766-1775.	1.1	112
4	Advanced biofuels to decarbonise European transport by 2030: Markets, challenges, and policies that impact their successful market uptake. <i>Energy Strategy Reviews</i> , 2021, 34, 100633.	3.3	107
5	Have we underestimated stemflow? Lessons from an open tropical rainforest. <i>Journal of Hydrology</i> , 2010, 395, 169-179.	2.3	93
6	Implications of long-term land-use change for the hydrology and solute budgets of small catchments in Amazonia. <i>Journal of Hydrology</i> , 2009, 364, 349-363.	2.3	88
7	Expressing stemflow commensurate with its ecohydrological importance. <i>Advances in Water Resources</i> , 2018, 121, 472-479.	1.7	71
8	Late Quaternary evolution of rivers, lakes and peatlands in northeast Germany reflecting past climatic and human impact – an overview. <i>E&G Quaternary Science Journal</i> , 2012, 61, 103-132.	0.2	60
9	Spatio-temporal patterns of throughfall and solute deposition in an open tropical rain forest. <i>Journal of Hydrology</i> , 2008, 360, 87-102.	2.3	58
10	Seasonal and within-event dynamics of rainfall and throughfall chemistry in an open tropical rainforest in Rondônia, Brazil. <i>Biogeochemistry</i> , 2007, 86, 155-174.	1.7	51
11	Disproportionate single-species contribution to canopy-soil nutrient flux in an Amazonian rainforest. <i>Forest Ecology and Management</i> , 2012, 267, 40-49.	1.4	44
12	Nitrogen Transformations in Flowpaths Leading from Soils to Streams in Amazon Forest and Pasture. <i>Ecosystems</i> , 2009, 12, 961-972.	1.6	37
13	Runoff sources and land cover change in the Amazon: an end-member mixing analysis from small watersheds. <i>Biogeochemistry</i> , 2011, 105, 7-18.	1.7	33
14	Development of near-surface perched water tables during natural and artificial stemflow generation by babassu palms. <i>Journal of Hydrology</i> , 2013, 507, 262-272.	2.3	33
15	Have wind turbines in Germany generated electricity as would be expected from the prevailing wind conditions in 2000-2014?. <i>PLoS ONE</i> , 2019, 14, e0211028.	1.1	28
16	Decomposition of cherry tree prunings and their short-term impact on soil quality. <i>Applied Soil Ecology</i> , 2017, 117-118, 156-164.	2.1	12
17	Commentary: What We Know About Stemflow's Infiltration Area. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	12
18	Evaluation of a Smart System for the Optimization of Logistics Performance of a Pruning Biomass Value Chain. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1987.	1.3	7

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19	Environmental Effects over the First 2½ Rotation Periods of a Fertilised Poplar Short Rotation Coppice. <i>Bioenergy Research</i> , 2018, 11, 152-165.	2.2	6
20	Comparison of soil amendments for reforestation with a native multipurpose tree under semiarid climate: Root and root tuber response of <i>Spondias tuberosa</i> . <i>Forest Ecology and Management</i> , 2017, 396, 1-10.	1.4	5
21	Corrigendum to "Throughfall and temporal trends of rainfall redistribution in an open tropical rainforest, south-western Amazonia (Rondônia, Brazil)" published in <i>Hydrol. Earth Syst. Sci.</i> , 10, 383-393, 2006. <i>Hydrology and Earth System Sciences</i> , 2008, 12, 537-537.	1.9	1