

Ted I E Veldkamp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3494589/publications.pdf>

Version: 2024-02-01

38
papers

2,461
citations

257450

24
h-index

315739

38
g-index

52
all docs

52
docs citations

52
times ranked

2916
citing authors

#	ARTICLE	IF	CITATIONS
1	Global terrestrial water storage and drought severity under climate change. <i>Nature Climate Change</i> , 2021, 11, 226-233.	18.8	345
2	Water shortages worsened by reservoir effects. <i>Nature Sustainability</i> , 2018, 1, 617-622.	23.7	213
3	Disaster risk, climate change, and poverty: assessing the global exposure of poor people to floods and droughts. <i>Environment and Development Economics</i> , 2018, 23, 328-348.	1.5	153
4	Dependence between high sea-level and high river discharge increases flood hazard in global deltas and estuaries. <i>Environmental Research Letters</i> , 2018, 13, 084012.	5.2	152
5	Review article: Natural hazard risk assessments at the global scale. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 1069-1096.	3.6	132
6	Measuring compound flood potential from river discharge and storm surge extremes at the global scale. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 489-504.	3.6	127
7	Changing mechanism of global water scarcity events: Impacts of socioeconomic changes and inter-annual hydro-climatic variability. <i>Global Environmental Change</i> , 2015, 32, 18-29.	7.8	112
8	The critical role of the routing scheme in simulating peak river discharge in global hydrological models. <i>Environmental Research Letters</i> , 2017, 12, 075003.	5.2	105
9	A comparison of changes in river runoff from multiple global and catchment-scale hydrological models under global warming scenarios of 1°C, 2°C and 3°C. <i>Climatic Change</i> , 2017, 141, 577-595.	3.6	104
10	Human impact parameterizations in global hydrological models improve estimates of monthly discharges and hydrological extremes: a multi-model validation study. <i>Environmental Research Letters</i> , 2018, 13, 055008.	5.2	91
11	Worldwide evaluation of mean and extreme runoff from six global-scale hydrological models that account for human impacts. <i>Environmental Research Letters</i> , 2018, 13, 065015.	5.2	85
12	The need to integrate flood and drought disaster risk reduction strategies. <i>Water Security</i> , 2020, 11, 100070.	2.5	83
13	The effect of climate type on timescales of drought propagation in an ensemble of global hydrological models. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4649-4665.	4.9	70
14	Projecting Exposure to Extreme Climate Impact Events Across Six Event Categories and Three Spatial Scales. <i>Earth's Future</i> , 2020, 8, e2020EF001616.	6.3	69
15	Role of economic instruments in water allocation reform: lessons from Europe. <i>International Journal of Water Resources Development</i> , 2019, 35, 206-239.	2.0	66
16	Assessment of the effectiveness of flood adaptation strategies for HCMC. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1441-1457.	3.6	59
17	A Continental-scale Hydroeconomic Model for Integrating Water-Energy-Land Nexus Solutions. <i>Water Resources Research</i> , 2018, 54, 7511-7533.	4.2	57
18	Exposure to Floods, Climate Change, and Poverty in Vietnam. <i>Economics of Disasters and Climate Change</i> , 2019, 3, 79-99.	2.2	51

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19	Future Transboundary Water Stress and Its Drivers Under Climate Change: A Global Study. <i>Earth's Future</i> , 2020, 8, e2019EF001321.	6.3	48
20	Integrating human behavior dynamics into drought risk assessment—A sociohydrologic, agent-based approach. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1345.	6.5	42
21	Sensitivity of water scarcity events to ENSO-driven climate variability at the global scale. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4081-4098.	4.9	32
22	Impact of precipitation and increasing temperatures on drought trends in eastern Africa. <i>Earth System Dynamics</i> , 2021, 12, 17-35.	7.1	32
23	A Spatially Explicit Assessment of Growing Water Stress in China From the Past to the Future. <i>Earth's Future</i> , 2019, 7, 1027-1043.	6.3	27
24	Achieving the reduction of disaster risk by better predicting impacts of El Niño and La Niña. <i>Progress in Disaster Science</i> , 2019, 2, 100022.	2.7	27
25	Financing agricultural drought risk through ex-ante cash transfers. <i>Science of the Total Environment</i> , 2019, 653, 523-535.	8.0	25
26	The influence of antecedent conditions on flood risk in sub-Saharan Africa. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 271-285.	3.6	20
27	Cross-border climate vulnerabilities of the European Union to drought. <i>Nature Communications</i> , 2021, 12, 3322.	12.8	20
28	Simulating Small-Scale Agricultural Adaptation Decisions in Response to Drought Risk: An Empirical Agent-Based Model for Semi-Arid Kenya. <i>Frontiers in Water</i> , 2020, 2, .	2.3	18
29	Global River Discharge and Floods in the Warmer Climate of the Last Interglacial. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089375.	4.0	18
30	Assessing time, cost and quality trade-offs in forecast-based action for floods. <i>International Journal of Disaster Risk Reduction</i> , 2019, 40, 101252.	3.9	17
31	The potential of global reanalysis datasets in identifying flood events in Southern Africa. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4667-4683.	4.9	14
32	Surface Runoff and Drought Assessment Using Global Water Resources Datasets - from Oum Er Rbia Basin to the Moroccan Country Scale. <i>Water Resources Management</i> , 2020, 34, 2117-2133.	3.9	14
33	A global-scale evaluation of extreme event uncertainty in the <i>Earth2Observe</i> project. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 75-92.	4.9	6
34	Education, financial aid, and awareness can reduce smallholder farmers' vulnerability to drought under climate change. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1201-1232.	3.6	6
35	The Benefit of Using an Ensemble of Global Hydrological Models in Surface Water Availability for Irrigation Area Planning. <i>Water Resources Management</i> , 2020, 34, 2221-2240.	3.9	3
36	From Pilot Projects to Transformative Infrastructures, Exploring Market Receptivity for Permeable Pavement in The Netherlands. <i>Sustainability</i> , 2021, 13, 4925.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Unlocking the Potential of Permeable Pavements in Practice: A Large-Scale Field Study of Performance Factors of Permeable Pavements in The Netherlands. <i>Water (Switzerland)</i> , 2022, 14, 2080.	2.7	2
38	Review article: Natural hazard risk assessments at the global scale. , 0, , .		0