Stephanie Eisner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2469816/publications.pdf

Version: 2024-02-01

42	6,501	186209	276775
papers	citations	28 h-index	41 g-index

60	60	60	7999
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of two new-generation global soil databases for macro-scale hydrological modelling in Norway. Journal of Hydrology, 2022, 610, 127895.	2.3	7
2	Constraining the HBV model for robust water balance assessments in a cold climate. Hydrology Research, 2021, 52, 356-372.	1.1	6
3	The global water resources and use model WaterGAP v2.2d: model description and evaluation. Geoscientific Model Development, 2021, 14, 1037-1079.	1.3	139
4	Considering the Fate of Evaporated Water Across Basin Boundariesâ€"Implications for Water Footprinting. Environmental Science & Technology, 2021, 55, 10231-10242.	4.6	5
5	Evaluating the terrestrial carbon dioxide removal potential of improved forest management and accelerated forest conversion in Norway. Global Change Biology, 2020, 26, 5087-5105.	4.2	6
6	The fate of land evaporation â€“ a global dataset. Earth System Science Data, 2020, 12, 1897-1912.	3.7	13
7	Influence of Spatial Resolution on Snow Cover Dynamics for a Coastal and Mountainous Region at High Latitudes (Norway). Water Resources Research, 2019, 55, 5612-5630.	1.7	8
8	Exploring the value of machine learning for weighted multi-model combination of an ensemble of global hydrological models. Environmental Modelling and Software, 2019, 114, 112-128.	1.9	36
9	Improvements of the spatially distributed hydrological modelling using the HBV model at 1â€¯km resolution for Norway. Journal of Hydrology, 2019, 577, 123585.	2.3	26
10	Worldwide evaluation of mean and extreme runoff from six global-scale hydrological models that account for human impacts. Environmental Research Letters, 2018, 13, 065015.	2.2	85
11	An enhanced forest classification scheme for modeling vegetationâ€"climate interactions based on national forest inventory data. Biogeosciences, 2018, 15, 399-412.	1.3	13
12	Reconstruction of global gridded monthly sectoral water withdrawals for 1971â€"2010 and analysis of their spatiotemporal patterns. Hydrology and Earth System Sciences, 2018, 22, 2117-2133.	1.9	106
13	Inferring Surface Albedo Prediction Error Linked to Forest Structure at High Latitudes. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4910-4925.	1.2	13
14	Enhancing the Water Accounting and Vulnerability Evaluation Model: WAVE+. Environmental Science & Technology, 2018, 52, 10757-10766.	4.6	39
15	Adjustment of global precipitation data for enhanced hydrologic modeling of tropical Andean watersheds. Climatic Change, 2017, 141, 547-560.	1.7	23
16	Inter-model comparison of hydrological impacts of climate change on the Upper Blue Nile basin using ensemble of hydrological models and global climate models. Climatic Change, 2017, 141, 517-532.	1.7	45
17	Multiâ€model and multiâ€scenario assessments of Asian water futures: The Water Futures and Solutions (WFaS) initiative. Earth's Future, 2017, 5, 823-852.	2.4	50
18	An ensemble analysis of climate change impacts on streamflow seasonality across 11 large river basins. Climatic Change, 2017, 141, 401-417.	1.7	94

#	Article	IF	Citations
19	Multimodel assessment of sensitivity and uncertainty of evapotranspiration and a proxy for available water resources under climate change. Climatic Change, 2017, 141, 451-465.	1.7	26
20	Intercomparison of regional-scale hydrological models and climate change impacts projected for 12 large river basins worldwideâ€"a synthesis. Environmental Research Letters, 2017, 12, 105002.	2.2	109
21	Analysis of hydrological extremes at different hydro-climatic regimes under present and future conditions. Climatic Change, 2017, 141, 467-481.	1.7	77
22	Toward seamless hydrologic predictions across spatial scales. Hydrology and Earth System Sciences, 2017, 21, 4323-4346.	1.9	81
23	Spatial covariance of ecosystem services and poverty in China. International Journal of Biodiversity Science, Ecosystem Services & Management, 2017, 13, 422-433.	2.9	5
24	A global water resources ensemble of hydrological models: the eartH2Observe Tier-1 dataset. Earth System Science Data, 2017, 9, 389-413.	3.7	169
25	Variations of global and continental water balance components as impacted by climate forcing uncertainty and human water use. Hydrology and Earth System Sciences, 2016, 20, 2877-2898.	1.9	151
26	Modeling global water use for the 21st century: the Water Futures and Solutions (WFaS) initiative and its approaches. Geoscientific Model Development, 2016, 9, 175-222.	1.3	379
27	Multi-model assessment of global hydropower and cooling water discharge potential under climate change. Global Environmental Change, 2016, 40, 156-170.	3.6	103
28	Sensitivity of water scarcity events to ENSO-driven climate variability at the global scale. Hydrology and Earth System Sciences, 2015, 19, 4081-4098.	1.9	32
29	Transferable Principles for Managing the Nexus: Lessons from Historical Global Water Modelling of Central Asia. Water (Switzerland), 2015, 7, 4200-4231.	1.2	36
30	Changing mechanism of global water scarcity events: Impacts of socioeconomic changes and inter-annual hydro-climatic variability. Global Environmental Change, 2015, 32, 18-29.	3.6	112
31	Sensitivity of simulated global-scale freshwater fluxes and storages to input data, hydrological model structure, human water use and calibration. Hydrology and Earth System Sciences, 2014, 18, 3511-3538.	1.9	285
32	Annual flood sensitivities to El NiÃ±oâ€"Southern Oscillation at the global scale. Hydrology and Earth System Sciences, 2014, 18, 47-66.	1.9	117
33	Constraints and potentials of future irrigation water availability on agricultural production under climate change. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3239-3244.	3.3	795
34	Multimodel assessment of water scarcity under climate change. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3245-3250.	3.3	1,282
35	Global water resources affected by human interventions and climate change. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3251-3256.	3.3	971
36	Water Accounting and Vulnerability Evaluation (WAVE): Considering Atmospheric Evaporation Recycling and the Risk of Freshwater Depletion in Water Footprinting. Environmental Science & Technology, 2014, 48, 4521-4528.	4.6	135

#	Article	IF	Citations
37	Domestic and industrial water uses of the past 60 years as a mirror of socio-economic development: A global simulation study. Global Environmental Change, 2013, 23, 144-156.	3.6	388
38	Impact of climate change on renewable groundwater resources: assessing the benefits of avoided greenhouse gas emissions using selected CMIP5 climate projections. Environmental Research Letters, 2013, 8, 024023.	2.2	81
39	Multimodel projections and uncertainties of irrigation water demand under climate change. Geophysical Research Letters, 2013, 40, 4626-4632.	1.5	302
40	Effects of climate model radiation, humidity and wind estimates on hydrological simulations. Hydrology and Earth System Sciences, 2012, 16, 305-318.	1.9	81
41	Large scale modelling of bankfull flow: An example for Europe. Journal of Hydrology, 2011, 408, 235-245.	2.3	26
42	Impact of climate forcing uncertainty and human water use on global and continental water balance components. Proceedings of the International Association of Hydrological Sciences, 0, 374, 53-62.	1.0	11