

Ervin Zsoter

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,243
citations

430442

18
h-index

433756

31
g-index

49
all docs

49
docs citations

49
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	ERA5-Land: a state-of-the-art global reanalysis dataset for land applications. <i>Earth System Science Data</i> , 2021, 13, 4349-4383.	3.7	1,083
2	GloFAS-ERA5 operational global river discharge reanalysis 1979â€“present. <i>Earth System Science Data</i> , 2020, 12, 2043-2060.	3.7	124
3	Calibration of the Global Flood Awareness System (GloFAS) using daily streamflow data. <i>Journal of Hydrology</i> , 2018, 566, 595-606.	2.3	90
4	A global network for operational flood risk reduction. <i>Environmental Science and Policy</i> , 2018, 84, 149-158.	2.4	89
5	Assessing the performance of global hydrological models for capturing peak river flows in the Amazon basin. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3057-3080.	1.9	79
6	Developing a global operational seasonal hydro-meteorological forecasting system: GloFAS-Seasonal v1.0. <i>Geoscientific Model Development</i> , 2018, 11, 3327-3346.	1.3	69
7	Extending medium-range predictability of extreme hydrological events in Europe. <i>Nature Communications</i> , 2014, 5, 5382.	5.8	66
8	Action-based flood forecasting for triggering humanitarian action. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3549-3560.	1.9	62
9	A global streamflow reanalysis for 1980â€“2018. <i>Journal of Hydrology X</i> , 2020, 6, 100049.	0.8	61
10	A Highâ€“Resolution Nationalâ€“Scale Hydrologic Forecast System from a Global Ensemble Land Surface Model. <i>Journal of the American Water Resources Association</i> , 2016, 52, 950-964.	1.0	47
11	ECMWF Extreme Forecast Index for water vapor transport: A forecast tool for atmospheric rivers and extreme precipitation. <i>Geophysical Research Letters</i> , 2016, 43, 11,852.	1.5	42
12	The Effect of Reference Climatology on Global Flood Forecasting. <i>Journal of Hydrometeorology</i> , 2016, 17, 1131-1145.	0.7	36
13	Global predictability of temperature extremes. <i>Environmental Research Letters</i> , 2018, 13, 054017.	2.2	33
14	â€œJumpinessâ€“ of the ECMWF and Met Office EPS Control and Ensemble-Mean Forecasts. <i>Monthly Weather Review</i> , 2009, 137, 3823-3836.	0.5	32
15	Sensitivity of model climate to sampling configurations and the impact on the Extreme Forecast Index. <i>Meteorological Applications</i> , 2015, 22, 236-247.	0.9	25
16	Building a Multimodel Flood Prediction System with the TIGGE Archive. <i>Journal of Hydrometeorology</i> , 2016, 17, 2923-2940.	0.7	23
17	ECLand: The ECMWF Land Surface Modelling System. <i>Atmosphere</i> , 2021, 12, 723.	1.0	23
18	How Well Do Operational Numerical Weather Prediction Configurations Represent Hydrology?. <i>Journal of Hydrometeorology</i> , 2019, 20, 1533-1552.	0.7	22

#	ARTICLE	IF	CITATIONS
19	Evaluation of a global ensemble flood prediction system in Peru. <i>Hydrological Sciences Journal</i> , 2019, 64, 1171-1189.	1.2	21
20	Using ensemble reforecasts to generate flood thresholds for improved global flood forecasting. <i>Journal of Flood Risk Management</i> , 2020, 13, e12658.	1.6	21
21	A framework for comparing permanent and forecast-based flood risk-reduction strategies. <i>Science of the Total Environment</i> , 2020, 720, 137572.	3.9	21
22	An Assessment of the ECMWF Extreme Forecast Index for Water Vapor Transport during Boreal Winter. <i>Weather and Forecasting</i> , 2017, 32, 1667-1674.	0.5	20
23	Hydrological Model Application in the Sirba River: Early Warning System and GloFAS Improvements. <i>Water (Switzerland)</i> , 2020, 12, 620.	1.2	18
24	The Impact of SMOS Soil Moisture Data Assimilation within the Operational Global Flood Awareness System (GloFAS). <i>Remote Sensing</i> , 2020, 12, 1490.	1.8	15
25	Range-dependent thresholds for global flood early warning. <i>Journal of Hydrology X</i> , 2019, 4, 100034.	0.8	14
26	Earlier awareness of extreme winter precipitation across the western Iberian Peninsula. <i>Meteorological Applications</i> , 2018, 25, 622-628.	0.9	12
27	Brief communication: Improving ERA5-Land soil temperature in permafrost regions using an optimized multi-layer snow scheme. <i>Cryosphere</i> , 2022, 16, 2701-2708.	1.5	9
28	Diagnostic evaluation of river discharge into the Arctic Ocean and its impact on oceanic volume transports. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 279-304.	1.9	8
29	Interoperability challenges in river discharge modelling: A cross domain application scenario. <i>Computers and Geosciences</i> , 2018, 115, 66-74.	2.0	4
30	Hydrological Impact of the New ECMWF Multi-Layer Snow Scheme. <i>Atmosphere</i> , 2022, 13, 727.	1.0	4
31	Applications of Knowledge and Predictions of Atmospheric Rivers. , 2020, , 201-218.		1