

Ilias G Pechlivanidis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4031508/publications.pdf>

Version: 2024-02-01

35
papers

1,259
citations

535685

17
h-index

425179

34
g-index

72
all docs

72
docs citations

72
times ranked

1958
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the Application and Utility of Subseasonal-to-Seasonal Predictions. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E1448-E1472.	1.7	45
2	Massive feature extraction for explaining and foretelling hydroclimatic time series forecastability at the global scale. <i>Geoscience Frontiers</i> , 2022, 13, 101349.	4.3	10
3	Streamflow Prediction in Highly Regulated, Transboundary Watersheds Using Multi-Basin Modeling and Remote Sensing Imagery. <i>Water Resources Research</i> , 2022, 58, .	1.7	10
4	Benchmarking an operational hydrological model for providing seasonal forecasts in Sweden. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1189-1209.	1.9	25
5	Climate service derived indicators to assess the impact of climate change on local river assimilative capacity. <i>Climate Services</i> , 2021, 23, 100250.	1.0	2
6	How Does Seasonal Forecast Performance Influence Decision-Making? Insights from a Serious Game. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1682-E1699.	1.7	12
7	Can Continental Models Convey Useful Seasonal Hydrologic Information at the Catchment Scale?. <i>Water Resources Research</i> , 2020, 56, e2019WR025700.	1.7	25
8	Streamflow-based evaluation of climate model sub-selection methods. <i>Climatic Change</i> , 2020, 163, 1267-1285.	1.7	16
9	Effect of model calibration strategy on climate projections of hydrological indicators at a continental scale. <i>Climatic Change</i> , 2020, 163, 1287-1306.	1.7	14
10	Impact of Satellite and In Situ Data Assimilation on Hydrological Predictions. <i>Remote Sensing</i> , 2020, 12, 811.	1.8	12
11	A Vision for Hydrological Prediction. <i>Atmosphere</i> , 2020, 11, 237.	1.0	17
12	Virtual energy storage gain resulting from the spatio-temporal coordination of hydropower over Europe. <i>Applied Energy</i> , 2020, 272, 115249.	5.1	13
13	What Are the Key Drivers Controlling the Quality of Seasonal Streamflow Forecasts?. <i>Water Resources Research</i> , 2020, 56, e2019WR026987.	1.7	43
14	Advances in the Definition of Needs and Specifications for a Climate Service Tool Aimed at Small Hydropower Plants™ Operation and Management. <i>Energies</i> , 2020, 13, 1827.	1.6	12
15	Fuzzy Postprocessing to Advance the Quality of Continental Seasonal Hydrological Forecasts for River Basin Management. <i>Journal of Hydrometeorology</i> , 2020, 21, 2375-2389.	0.7	7
16	From skill to value: isolating the influence of end user behavior on seasonal forecast assessment. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5891-5902.	1.9	27
17	Constraining Conceptual Hydrological Models With Multiple Information Sources. <i>Water Resources Research</i> , 2018, 54, 8332-8362.	1.7	85
18	An Information Theory Approach to Identifying a Representative Subset of Hydro-Climatic Simulations for Impact Modeling Studies. <i>Water Resources Research</i> , 2018, 54, 5422-5435.	1.7	16

#	ARTICLE	IF	CITATIONS
19	The significance of spatial variability of rainfall on simulated runoff: an evaluation based on the Upper Lee catchment, UK. <i>Hydrology Research</i> , 2017, 48, 1118-1130.	1.1	22
20	Distance-dependent depth-duration analysis in high-resolution hydro-meteorological ensemble forecasting: A case study in Malm�r City, Sweden. <i>Environmental Modelling and Software</i> , 2017, 93, 381-397.	1.9	14
21	Intercomparison of regional-scale hydrological models and climate change impacts projected for 12 large river basins worldwide�a synthesis. <i>Environmental Research Letters</i> , 2017, 12, 105002.	2.2	109
22	Propagation of forcing and model uncertainties on to hydrological drought characteristics in a multi-model century-long experiment in large river basins. <i>Climatic Change</i> , 2017, 141, 435-449.	1.7	57
23	Evaluation of sources of uncertainty in projected hydrological changes under climate change in 12 large-scale river basins. <i>Climatic Change</i> , 2017, 141, 419-433.	1.7	192
24	Analysis of hydrological extremes at different hydro-climatic regimes under present and future conditions. <i>Climatic Change</i> , 2017, 141, 467-481.	1.7	77
25	The evolution of root-zone moisture capacities after deforestation: a step towards hydrological predictions under change?. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4775-4799.	1.9	61
26	Multi-Basin Modelling of Future Hydrological Fluxes in the Indian Subcontinent. <i>Water (Switzerland)</i> , 2016, 8, 177.	1.2	12
27	A regional parameter estimation scheme for a pan-European multi-basin model. <i>Journal of Hydrology: Regional Studies</i> , 2016, 6, 90-111.	1.0	88
28	Robust informational entropy-based descriptors of flow in catchment hydrology. <i>Hydrological Sciences Journal</i> , 2016, 61, 1-18.	1.2	38
29	The Different Impact of a Half-Separated Gravel and Vegetated Bed in Open Channels. <i>Environmental Processes</i> , 2015, 2, 123-132.	1.7	4
30	Large-scale hydrological modelling by using modified PUB recommendations: the India-HYPE case. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4559-4579.	1.9	81
31	Experimental study of the effects of grass vegetation and gravel bed on the turbulent flow using particle image velocimetry. <i>Journal of Turbulence</i> , 2015, 16, 1-14.	0.5	9
32	Shear stress estimation in the linear zone over impermeable and permeable beds in open channels. <i>Desalination and Water Treatment</i> , 2015, 54, 2181-2189.	1.0	5
33	Use of an entropy�based metric in multiobjective calibration to improve model performance. <i>Water Resources Research</i> , 2014, 50, 8066-8083.	1.7	37
34	Uncertainty in the Swedish Operational Hydrological Forecasting Systems. , 2014, , .		15
35	Calibration of the semi-distributed PDM rainfall�runoff model in the Upper Lee catchment, UK. <i>Journal of Hydrology</i> , 2010, 386, 198-209.	2.3	38