Ilias G Pechlivanidis

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Advances in the Application and Utility of Subseasonal-to-Seasonal Predictions. Bulletin of the American Meteorological Society, 2022, 103, E1448-E1472.	3.3	45
2	Massive feature extraction for explaining and foretelling hydroclimatic time series forecastability at the global scale. Geoscience Frontiers, 2022, 13, 101349.	8.4	10
3	Streamflow Prediction in Highly Regulated, Transboundary Watersheds Using Multiâ€Basin Modeling and Remote Sensing Imagery. Water Resources Research, 2022, 58, .	4.2	10
4	Benchmarking an operational hydrological model for providing seasonal forecasts in Sweden. Hydrology and Earth System Sciences, 2021, 25, 1189-1209.	4.9	25
5	Climate service derived indicators to assess the impact of climate change on local river assimilative capacity. Climate Services, 2021, 23, 100250.	2.5	2
6	How Does Seasonal Forecast Performance Influence Decision-Making? Insights from a Serious Game. Bulletin of the American Meteorological Society, 2021, 102, E1682-E1699.	3.3	12
7	Can Continental Models Convey Useful Seasonal Hydrologic Information at the Catchment Scale?. Water Resources Research, 2020, 56, e2019WR025700.	4.2	25
8	Streamflow-based evaluation of climate model sub-selection methods. Climatic Change, 2020, 163, 1267-1285.	3.6	16
9	Effect of model calibration strategy on climate projections of hydrological indicators at a continental scale. Climatic Change, 2020, 163, 1287-1306.	3.6	14
10	Impact of Satellite and In Situ Data Assimilation on Hydrological Predictions. Remote Sensing, 2020, 12, 811.	4.0	12
11	A Vision for Hydrological Prediction. Atmosphere, 2020, 11, 237.	2.3	17
12	Virtual energy storage gain resulting from the spatio-temporal coordination of hydropower over Europe. Applied Energy, 2020, 272, 115249.	10.1	13
13	What Are the Key Drivers Controlling the Quality of Seasonal Streamflow Forecasts?. Water Resources Research, 2020, 56, e2019WR026987.	4.2	43
14	Advances in the Definition of Needs and Specifications for a Climate Service Tool Aimed at Small Hydropower Plants' Operation and Management. Energies, 2020, 13, 1827.	3.1	12
15	Fuzzy Postprocessing to Advance the Quality of Continental Seasonal Hydrological Forecasts for River Basin Management. Journal of Hydrometeorology, 2020, 21, 2375-2389.	1.9	7
16	From skill to value: isolating the influence of end user behavior on seasonal forecast assessment. Hydrology and Earth System Sciences, 2020, 24, 5891-5902.	4.9	27
17	Constraining Conceptual Hydrological Models With Multiple Information Sources. Water Resources Research, 2018, 54, 8332-8362.	4.2	85
18	An Information Theory Approach to Identifying a Representative Subset of Hydroâ€Climatic Simulations for Impact Modeling Studies. Water Resources Research, 2018, 54, 5422-5435.	4.2	16

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19	The significance of spatial variability of rainfall on simulated runoff: an evaluation based on the Upper Lee catchment, UK. Hydrology Research, 2017, 48, 1118-1130.	2.7	22
20	Distance-dependent depth-duration analysis in high-resolution hydro-meteorological ensemble forecasting: A case study in Malmö City, Sweden. Environmental Modelling and Software, 2017, 93, 381-397.	4.5	14
21	Intercomparison of regional-scale hydrological models and climate change impacts projected for 12 large river basins worldwide—a synthesis. Environmental Research Letters, 2017, 12, 105002.	5.2	109
22	Propagation of forcing and model uncertainties on to hydrological drought characteristics in a multi-model century-long experiment in large river basins. Climatic Change, 2017, 141, 435-449.	3.6	57
23	Evaluation of sources of uncertainty in projected hydrological changes under climate change in 12 large-scale river basins. Climatic Change, 2017, 141, 419-433.	3.6	192
24	Analysis of hydrological extremes at different hydro-climatic regimes under present and future conditions. Climatic Change, 2017, 141, 467-481.	3.6	77
25	The evolution of root-zone moisture capacities after deforestation: a step towards hydrological predictions under change?. Hydrology and Earth System Sciences, 2016, 20, 4775-4799.	4.9	61
26	Multi-Basin Modelling of Future Hydrological Fluxes in the Indian Subcontinent. Water (Switzerland), 2016, 8, 177.	2.7	12
27	A regional parameter estimation scheme for a pan-European multi-basin model. Journal of Hydrology: Regional Studies, 2016, 6, 90-111.	2.4	88
28	Robust informational entropy-based descriptors of flow in catchment hydrology. Hydrological Sciences Journal, 2016, 61, 1-18.	2.6	38
29	The Different Impact of a Half-Separated Gravel and Vegetated Bed in Open Channels. Environmental Processes, 2015, 2, 123-132.	3.5	4
30	Large-scale hydrological modelling by using modified PUB recommendations: the India-HYPE case. Hydrology and Earth System Sciences, 2015, 19, 4559-4579.	4.9	81
31	Experimental study of the effects of grass vegetation and gravel bed on the turbulent flow using particle image velocimetry. Journal of Turbulence, 2015, 16, 1-14.	1.4	9
32	Shear stress estimation in the linear zone over impermeable and permeable beds in open channels. Desalination and Water Treatment, 2015, 54, 2181-2189.	1.0	5
33	Use of an entropyâ€based metric in multiobjective calibration to improve model performance. Water Resources Research, 2014, 50, 8066-8083.	4.2	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. Journal of Hydrology, 2010, 386, 198-209.	5.4	38