

Ilaria Prosdocimi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

771
citations

567144

15
h-index

526166

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g-index

33
all docs

33
docs citations

33
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Attribution of the Influence of Urban and Tree Cover Change on Streamflow: A Comparison of Large Sample Statistical Approaches. <i>Water Resources Research</i> , 2022, 58, .	1.7	7
2	Parametrisation of change-permitting extreme value models and its impact on the description of change. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 307-324.	1.9	15
3	Assessment of trends in hydrological extremes using regional magnification factors. <i>Advances in Water Resources</i> , 2021, 149, 103852.	1.7	2
4	Going Beyond the Ensemble Mean: Assessment of Future Floods From Global Multi-Model. <i>Water Resources Research</i> , 2021, 57, e2020WR027897.	1.7	7
5	Stationary vs non-stationary modelling of flood frequency distribution across northwest England. <i>Hydrological Sciences Journal</i> , 2021, 66, 729-744.	1.2	23
6	Identifying the origins of extreme rainfall using storm track classification. <i>Journal of Hydroinformatics</i> , 2020, 22, 296-309.	1.1	5
7	Attribution of long-term changes in peak river flows in Great Britain. <i>Hydrological Sciences Journal</i> , 2019, 64, 1159-1170.	1.2	13
8	Using R in hydrology: a review of recent developments and future directions. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 2939-2963.	1.9	50
9	Areal Models for Spatially Coherent Trend Detection: The Case of British Peak River Flows. <i>Geophysical Research Letters</i> , 2019, 46, 13054-13061.	1.5	9
10	Assessing the element of surprise of record-breaking flood events. <i>Journal of Flood Risk Management</i> , 2018, 11, .	1.6	10
11	German tanks and historical records: the estimation of the time coverage of ungauged extreme events. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 607-622.	1.9	6
12	Estimating the index flood with continuous hydrological models: an application in Great Britain. <i>Hydrology Research</i> , 2018, 49, 123-133.	1.1	25
13	Mixture Gumbel models for extreme series including infrequent phenomena. <i>Hydrological Sciences Journal</i> , 2018, 63, 1927-1940.	1.2	11
14	Statistical distributions for monthly aggregations of precipitation and streamflow in drought indicator applications. <i>Water Resources Research</i> , 2017, 53, 999-1018.	1.7	81
15	A bivariate trend analysis to investigate the effect of increasing urbanisation on flood characteristics. <i>Hydrology Research</i> , 2017, 48, 802-821.	1.1	8
16	A depth-duration-frequency analysis for short-duration rainfall events in England and Wales. <i>Hydrology Research</i> , 2017, 48, 1624-1638.	1.1	3
17	On the use of a four-parameter kappa distribution in regional frequency analysis. <i>Hydrological Sciences Journal</i> , 2017, 62, 1354-1363.	1.2	23
18	Developing drought impact functions for drought risk management. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 1947-1960.	1.5	51

#	ARTICLE	IF	CITATIONS
19	FEH Local: Improving flood estimates using historical data. E3S Web of Conferences, 2016, 7, 01006.	0.2	1
20	Detection and attribution of urbanization effect on flood extremes using nonstationary flood frequency models. Water Resources Research, 2015, 51, 4244-4262.	1.7	150
21	A bivariate extension of the Hosking and Wallis goodness-of-fit measure for regional distributions. Water Resources Research, 2015, 51, 896-907.	1.7	20
22	CEH-GEAR: 1 km resolution daily and monthly areal rainfall estimates for the UK for hydrological and other applications. Earth System Science Data, 2015, 7, 143-155.	3.7	92
23	Reassessing flood frequency for the Sussex Ouse, Lewes: the inclusion of historical flood information since AD 1650. Natural Hazards and Earth System Sciences, 2014, 14, 2817-2828.	1.5	26
24	Non-stationarity in annual and seasonal series of peak flow and precipitation in the UK. Natural Hazards and Earth System Sciences, 2014, 14, 1125-1144.	1.5	66
25	Flexible Mean and Dispersion Function Estimation in Extended Generalized Additive Models. Communications in Statistics - Theory and Methods, 2012, 41, 3259-3277.	0.6	3
26	Robust Estimation of Mean and Dispersion Functions in Extended Generalized Additive Models. Biometrics, 2012, 68, 31-44.	0.8	23
27	Smooth estimation of mean and dispersion function in extended generalized additive models with application to Italian induced abortion data. Journal of Applied Statistics, 2011, 38, 2391-2411.	0.6	3
28	Nonparametric estimation of mean and dispersion functions in extended generalized linear models. Test, 2010, 19, 580-608.	0.7	19
29	Loess. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 590-599.	2.1	18