

Ilaria Prosdocimi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1708166/publications.pdf>

Version: 2024-02-01

29
papers

771
citations

567144

15
h-index

526166

27
g-index

33
all docs

33
docs citations

33
times ranked

999
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Detection and attribution of urbanization effect on flood extremes using nonstationary flood frequency models. <i>Water Resources Research</i> , 2015, 51, 4244-4262. | 1.7 | 150 |
| 2 | CEH-GEAR: 1 km resolution daily and monthly areal rainfall estimates for the UK for hydrological and other applications. <i>Earth System Science Data</i> , 2015, 7, 143-155. | 3.7 | 92 |
| 3 | 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 |
| 4 | Non-stationarity in annual and seasonal series of peak flow and precipitation in the UK. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1125-1144. | 1.5 | 66 |
| 5 | Developing drought impact functions for drought risk management. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 1947-1960. | 1.5 | 51 |
| 6 | 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 |
| 7 | Reassessing flood frequency for the Sussex Ouse, Lewes: the inclusion of historical flood information since AD 1650. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 2817-2828. | 1.5 | 26 |
| 8 | Estimating the index flood with continuous hydrological models: an application in Great Britain. <i>Hydrology Research</i> , 2018, 49, 123-133. | 1.1 | 25 |
| 9 | Robust Estimation of Mean and Dispersion Functions in Extended Generalized Additive Models. <i>Biometrics</i> , 2012, 68, 31-44. | 0.8 | 23 |
| 10 | 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 |
| 11 | Stationary vs non-stationary modelling of flood frequency distribution across northwest England. <i>Hydrological Sciences Journal</i> , 2021, 66, 729-744. | 1.2 | 23 |
| 12 | A bivariate extension of the Hosking and Wallis goodness-of-fit measure for regional distributions. <i>Water Resources Research</i> , 2015, 51, 896-907. | 1.7 | 20 |
| 13 | Nonparametric estimation of mean and dispersion functions in extended generalized linear models. <i>Test</i> , 2010, 19, 580-608. | 0.7 | 19 |
| 14 | Loess. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2010, 2, 590-599. | 2.1 | 18 |
| 15 | 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 |
| 16 | Attribution of long-term changes in peak river flows in Great Britain. <i>Hydrological Sciences Journal</i> , 2019, 64, 1159-1170. | 1.2 | 13 |
| 17 | Mixture Gumbel models for extreme series including infrequent phenomena. <i>Hydrological Sciences Journal</i> , 2018, 63, 1927-1940. | 1.2 | 11 |
| 18 | Assessing the element of surprise of record-breaking flood events. <i>Journal of Flood Risk Management</i> , 2018, 11, . | 1.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Areal Models for Spatially Coherent Trend Detection: The Case of British Peak River Flows. Geophysical Research Letters, 2019, 46, 13054-13061. | 1.5 | 9 |
| 20 | A bivariate trend analysis to investigate the effect of increasing urbanisation on flood characteristics. Hydrology Research, 2017, 48, 802-821. | 1.1 | 8 |
| 21 | Going Beyond the Ensemble Mean: Assessment of Future Floods From Global Multi-Models. Water Resources Research, 2021, 57, e2020WR027897. | 1.7 | 7 |
| 22 | Statistical Attribution of the Influence of Urban and Tree Cover Change on Streamflow: A Comparison of Large Sample Statistical Approaches. Water Resources Research, 2022, 58, . | 1.7 | 7 |
| 23 | German tanks and historical records: the estimation of the time coverage of ungauged extreme events. Stochastic Environmental Research and Risk Assessment, 2018, 32, 607-622. | 1.9 | 6 |
| 24 | Identifying the origins of extreme rainfall using storm track classification. Journal of Hydroinformatics, 2020, 22, 296-309. | 1.1 | 5 |
| 25 | 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 |
| 26 | Flexible Mean and Dispersion Function Estimation in Extended Generalized Additive Models. Communications in Statistics - Theory and Methods, 2012, 41, 3259-3277. | 0.6 | 3 |
| 27 | A depth-duration-frequency analysis for short-duration rainfall events in England and Wales. Hydrology Research, 2017, 48, 1624-1638. | 1.1 | 3 |
| 28 | Assessment of trends in hydrological extremes using regional magnification factors. Advances in Water Resources, 2021, 149, 103852. | 1.7 | 2 |
| 29 | FEH Local: Improving flood estimates using historical data. E3S Web of Conferences, 2016, 7, 01006. | 0.2 | 1 |