Peter Salamon

List of Publications by Year
in descending order

51 papers	4,150 citations	147801 31 h-index	233421 45 g-index
71 all docs	71 docs citations	71 times ranked	4614 citing authors

#	Article	IF	Citations
1	A new dataset of river flood hazard maps for Europe and the Mediterranean Basin. Earth System Science Data, 2022, 14, 1549-1569.	9.9	21
2	EMO-5: a high-resolution multi-variable gridded meteorological dataset for Europe. Earth System Science Data, 2022, 14, 3249-3272.	9.9	3
3	Hydrological performance of the ERA5 reanalysis for flood modeling in Tunisia with the LISFLOOD and GR4J models. Journal of Hydrology: Regional Studies, 2022, 42, 101169.	2.4	12
4	Increasing Timeliness of Satellite-Based Flood Mapping Using Early Warning Systems in the Copernicus Emergency Management Service. Remote Sensing, 2021, 13, 2114.	4.0	8
5	On the implementation of post-processing of runoff forecast ensembles. Journal of Hydrometeorology, 2021, , .	1.9	1
6	European Copernicus Services to Inform on Sea-Level Rise Adaptation: Current Status and Perspectives. Frontiers in Marine Science, 2021, 8, .	2.5	11
7	A global streamflow reanalysis for 1980â€"2018. Journal of Hydrology X, 2020, 6, 100049.	1.6	61
8	Global Modeling of Seasonal Mortality Rates From River Floods. Earth's Future, 2020, 8, e2020EF001541.	6.3	14
9	GloFAS-ERA5 operational global river discharge reanalysis 1979â€"present. Earth System Science Data, 2020, 12, 2043-2060.	9.9	124
10	Predictability of the European heat and cold waves. Climate Dynamics, 2019, 52, 2481-2495.	3.8	25
11	Range-dependent thresholds for global flood early warning. Journal of Hydrology X, 2019, 4, 100034.	1.6	14
12	Hydrological Ensemble Prediction Systems Around the Globe. , 2019, , 1187-1221.		2
13	Saving Lives: Ensemble-Based Early Warnings in Developing Nations. , 2019, , 1109-1130.		1
14	Medium Range Flood Forecasting Example EFAS. , 2019, , 1261-1277.		0
15	A global network for operational flood risk reduction. Environmental Science and Policy, 2018, 84, 149-158.	4.9	89
16	Calibration of the Global Flood Awareness System (GloFAS) using daily streamflow data. Journal of Hydrology, 2018, 566, 595-606.	5.4	90
17	A first collective validation of global fluvial flood models for major floods in Nigeria and Mozambique. Environmental Research Letters, 2018, 13, 104007.	5.2	66
18	Surface Freshwater Limitation Explains Worst Rice Production Anomaly in India in 2002. Remote Sensing, 2018, 10, 244.	4.0	26

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19	Multi-Model Projections of River Flood Risk in Europe under Global Warming. Climate, 2018, 6, 6.	2.8	94
20	Developing a global operational seasonal hydro-meteorological forecasting system: GloFAS-Seasonal v1.0. Geoscientific Model Development, 2018, 11, 3327-3346.	3.6	69
21	Global projections of river flood risk in a warmer world. Earth's Future, 2017, 5, 171-182.	6.3	470
22	The impact of lake and reservoir parameterization on global streamflow simulation. Journal of Hydrology, 2017, 548, 552-568.	5.4	82
23	An operational procedure for rapid flood risk assessment in Europe. Natural Hazards and Earth System Sciences, 2017, 17, 1111-1126.	3.6	57
24	Developments in large-scale coastal flood hazard mapping. Natural Hazards and Earth System Sciences, 2016, 16, 1841-1853.	3.6	144
25	Modelling the socio-economic impact of river floods in Europe. Natural Hazards and Earth System Sciences, 2016, 16, 1401-1411.	3.6	64
26	The Effect of Reference Climatology on Global Flood Forecasting. Journal of Hydrometeorology, 2016, 17, 1131-1145.	1.9	36
27	Integrating remotely sensed surface water extent into continental scale hydrology. Journal of Hydrology, 2016, 543, 659-670.	5.4	53
28	Development and evaluation of a framework for global flood hazard mapping. Advances in Water Resources, 2016, 94, 87-102.	3.8	242
29	Continental and global scale flood forecasting systems. Wiley Interdisciplinary Reviews: Water, 2016, 3, 391-418.	6.5	185
30	On the Use of Global Flood Forecasts and Satellite-Derived Inundation Maps for Flood Monitoring in Data-Sparse Regions. Remote Sensing, 2015, 7, 15702-15728.	4.0	77
31	Usefulness and limitations of global flood risk models. Nature Climate Change, 2015, 5, 712-715.	18.8	210
32	Filling the gaps: Calibrating a rainfall-runoff model using satellite-derived surface water extent. Remote Sensing of Environment, 2015, 171, 118-131.	11.0	51
33	Saving Lives: Ensemble-Based Early Warnings in Developing Nations. , 2015, , 1-22.		0
34	Medium Range Flood Forecasting Example EFAS. , 2015, , 1-17.		0
35	Evaluation of ensemble streamflow predictions in Europe. Journal of Hydrology, 2014, 517, 913-922.	5.4	124
36	Evaluation of the satellite-based Global Flood Detection System for measuring river discharge: influence of local factors. Hydrology and Earth System Sciences, 2014, 18, 4467-4484.	4.9	50

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37	Advances in panâ€European flood hazard mapping. Hydrological Processes, 2014, 28, 4067-4077.	2.6	187
38	Visualizing probabilistic flood forecast information: expert preferences and perceptions of best practice in uncertainty communication. Hydrological Processes, 2013, 27, 132-146.	2.6	100
39	HESS Opinions &quot;Forecaster priorities for improving probabilistic flood forecasts&quot;. Hydrology and Earth System Sciences, 2013, 17, 4389-4399.	4.9	53
40	Assimilation of MODIS Snow Cover Area Data in a Distributed Hydrological Model Using the Particle Filter. Remote Sensing, 2013, 5, 5825-5850.	4.0	85
41	Fluvial flood risk in Europe in present and future climates. Climatic Change, 2012, 112, 47-62.	3.6	181
42	Operational early warning systems for water-related hazards in Europe. Environmental Science and Policy, 2012, 21, 35-49.	4.9	206
43	Quality control, validation and user feedback of the European Flood Alert System (EFAS). International Journal of Digital Earth, 2011, 4, 77-90.	3.9	23
44	State of the Art of Flood Forecasting. , 2011, , 9-24.		0
45	A software framework for construction of process-based stochastic spatio-temporal models and data assimilation. Environmental Modelling and Software, 2010, 25, 489-502.	4.5	146
46	Disentangling uncertainties in distributed hydrological modeling using multiplicative error models and sequential data assimilation. Water Resources Research, 2010, 46, .	4.2	59
47	Assessing parameter, precipitation, and predictive uncertainty in a distributed hydrological model using sequential data assimilation with the particle filter. Journal of Hydrology, 2009, 376, 428-442.	5.4	184
48	A review and numerical assessment of the random walk particle tracking method. Journal of Contaminant Hydrology, 2006, 87, 277-305.	3.3	261
49	Development of an operational low-flow index for hydrological drought monitoring over Europe. Hydrological Sciences Journal, 0, , 1-13.	2.6	16
50	DATA PROCESSING ARCHITECTURES FOR MONITORING FLOODS USING SENTINEL-1. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 641-648.	0.0	11
51	Regionalization of post-processed ensemble runoff forecasts. Proceedings of the International Association of Hydrological Sciences, 0, 373, 109-114.	1.0	5