

Nicolas Massei

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

670
citations

567247

15
h-index

642715

23
g-index

25
all docs

25
docs citations

25
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of low-frequency variability on groundwater level trends. <i>Journal of Hydrology</i> , 2022, 606, 127436.	5.4	10
2	Influence of low-frequency variability on high and low groundwater levels: example of aquifers in the Paris Basin. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2829-2854.	4.9	7
3	Reconstruction of missing groundwater level data by using Long Short-Term Memory (LSTM) deep neural network. <i>Journal of Hydrology</i> , 2021, 597, 125776.	5.4	62
4	Tropical drought patterns and their linkages to large-scale climate variability over Peninsular Malaysia. <i>Hydrological Processes</i> , 2021, 35, e14356.	2.6	8
5	Spatiotemporal and cross-scale interactions in hydroclimate variability: a case-study in France. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5683-5702.	4.9	2
6	Water storage redistribution over East China, between 2003 and 2015, driven by intra- and inter-annual climate variability. <i>Journal of Hydrology</i> , 2020, 583, 124475.	5.4	18
7	Moving beyond the catchment scale: Value and opportunities in large-scale hydrology to understand our changing world. <i>Hydrological Processes</i> , 2020, 34, 2292-2298.	2.6	19
8	Improving the Spectral Analysis of Hydrological Signals to Efficiently Constrain Watershed Properties. <i>Water Resources Research</i> , 2019, 55, 4043-4065.	4.2	20
9	Multi-time-scale hydroclimate dynamics of a regional watershed and links to large-scale atmospheric circulation: Application to the Seine river catchment, France. <i>Journal of Hydrology</i> , 2017, 546, 262-275.	5.4	34
10	Multidecadal climate variability over northern France during the past 500 years and its relation to large-scale atmospheric circulation. <i>International Journal of Climatology</i> , 2016, 36, 4679-4696.	3.5	15
11	Hydrological variability of major French rivers over recent decades, assessed from gauging station and GRACE observations. <i>Hydrological Sciences Journal</i> , 2014, 59, 1844-1855.	2.6	14
12	Links between multidecadal and interdecadal climatic oscillations in the North Atlantic and regional climate variability of northern France and England since the 17th century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4359-4372.	3.3	20
13	Links between NAO fluctuations and inter-annual variability of winter-months precipitation in the Seine River watershed (north-western France). <i>Comptes Rendus - Geoscience</i> , 2012, 344, 396-405.	1.2	21
14	Hydrological responses of the chalk aquifer to the regional climatic signal. <i>Journal of Hydrology</i> , 2012, 464-465, 485-493.	5.4	16
15	Assessing the expression of large-scale climatic fluctuations in the hydrological variability of daily Seine river flow (France) between 1950 and 2008 using Hilbert-Huang Transform. <i>Journal of Hydrology</i> , 2012, 448-449, 119-128.	5.4	50
16	A synthesis of the time-scale variability of commonly used climate indices using continuous wavelet transform. <i>Global and Planetary Change</i> , 2011, 78, 1-13.	3.5	44
17	A wavelet approach to the short-term to pluri-decennial variability of streamflow in the Mississippi river basin from 1934 to 1998. <i>International Journal of Climatology</i> , 2011, 31, 31-43.	3.5	32
18	Long-term hydrological changes of the Seine River flow (France) and their relation to the North Atlantic Oscillation over the period 1950-2008. <i>International Journal of Climatology</i> , 2010, 30, 2146-2154.	3.5	84

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19	Combined climatic and geological forcings on the spatio-temporal variability of piezometric levels in the chalk aquifer of Upper Normandy (France) at pluridecennial scale. <i>Hydrogeology Journal</i> , 2009, 17, 1823-1832.	2.1	28
20	Application of multivariate analysis to suspended matter particle size distribution in a karst aquifer. <i>Hydrological Processes</i> , 2008, 22, 2337-2345.	2.6	16
21	Investigating possible links between the North Atlantic Oscillation and rainfall variability in northwestern France over the past 35 years. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	52
22	Quantitative Interpretation of Specific Conductance Frequency Distributions in Karst. <i>Ground Water</i> , 2007, 45, 288-293.	1.3	43
23	Using turbidity dynamics and geochemical variability as a tool for understanding the behavior and vulnerability of a karst aquifer. <i>Hydrogeology Journal</i> , 2007, 15, 689-704.	2.1	48
24	Understanding and predicting large-scale hydrological variability in a changing environment. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 383, 141-149.	1.0	3
25	Impact of the North Seaâ€™Caspian pattern on meteorological drought and vegetation response over diverging environmental systems in western Eurasia. <i>Ecohydrology</i> , 0, , .	2.4	4