

# Benoit Laignel

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

431  
citations

840776

11  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Groundwater quality assessment using multivariate analysis, geostatistical modeling, and water quality index (WQI): a case of study in the Boumerzoug-El Khroub valley of Northeast Algeria. <i>Acta Geochimica</i> , 2019, 38, 796-814.	1.7	69
3	Changements climatiques au Maghreb: vers des conditions plus humides et plus chaudes sur le littoral algérien?. <i>Physio-Géo</i> , 2013, , 307-323.	0.4	40
4	Classification of worldwide drainage basins through the multivariate analysis of variables controlling their hydrosedimentary response. <i>Global and Planetary Change</i> , 2011, 76, 117-127.	3.5	29
5	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
6	Characterization of the Interannual Variability of Precipitation and Streamflow in Tensift and Ksob Basins (Morocco) and Links with the NAO. <i>Atmosphere</i> , 2016, 7, 84.	2.3	24
7	Analysis of karst hydrodynamics through comparison of dissolved and suspended solids' transport. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 1365-1374.	1.2	19
8	Mapping surface water erosion potential in the Soummam watershed in Northeast Algeria with RUSLE model. <i>Journal of Mountain Science</i> , 2019, 16, 1606-1615.	2.0	18
9	Erosion balance in the watersheds of the western Paris Basin by high-frequency monitoring of discharge and suspended sediment in surface water. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 556-564.	1.2	17
10	Spatial and temporal variability of rainfall: case of Bizerte-Ichkeul Basin (Northern Tunisia). <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	17
11	Relations quantitatives entre les craies à silex et les formations rĂ©siduelles à silex de l'ouest du bassin de Paris. <i>Geodynamica Acta</i> , 1998, 11, 171-181.	2.2	11
12	Relations quantitatives entre les craies à silex et les formations rĂ©siduelles à silex de l'ouest du bassin de Paris. <i>Geodynamica Acta</i> , 1998, 11, 171-181.	2.2	11
13	Hydrological variability of the Soummam watershed (Northeastern Algeria) and the possible links to climate fluctuations. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	11
14	Spatial and temporal variability of groundwater quality of an Algerian aquifer: the case of Soummam Wadi. <i>Hydrological Sciences Journal</i> , 2016, 61, 775-792.	2.6	11
15	High-Resolution SWOT Simulations of the Macrotidal Seine Estuary in Different Hydrodynamic Conditions. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 5-9.	3.1	11
16	Investigating possible links between the North Atlantic Oscillation and rainfall variability in Marrakech (Morocco). <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	8
17	The clay-with-flints of the western Paris Basin: a potential aggregate resource. <i>Environmental Geology</i> , 2002, 41, 525-536.	1.2	6
18	Spatial and inter-annual variability of specific sediment yield: case of hillside reservoirs in Central Tunisia. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 141-152.	3.5	6

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19	Particulate flow at the mouth of the <sc>S</sc>oummam watershed (<sc>A</sc>lgeria). Environmental Progress and Sustainable Energy, 2016, 35, 204-211.	2.3	5
20	Understanding and predicting large-scale hydrological variability in a changing environment. Proceedings of the International Association of Hydrological Sciences, 0, 383, 141-149.	1.0	3
21	Microgranulometric approach to a chalk karst, western Paris Basin, France. Geomorphology, 2002, 44, 1-17.	2.6	2
22	Monitoring intertidal topography using the future SWOT (Surface Water and Ocean Topography) mission. Remote Sensing Applications: Society and Environment, 2021, 23, 100578.	1.5	1
23	Specific sediment yield regionalization and classification using multivariate statistical and GIS tools: a case of hillside reservoirs in semi-arid Tunisia. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	0