

# Lahcen Benaabidate

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

320  
citations

933447

10  
h-index

888059

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling long term response of environmental flow attributes to future climate change in a North African watershed (Bouregreg watershed, Morocco). <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 155-167.	2.3	10
2	Water quality assessment and hydrogeochemical characterization of the Ouargla complex terminal aquifer (Algerian Sahara). <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	6
3	Modeling and Risk Analysis of Dam-Break Flooding in a Semi-Arid Montane Watershed: A Case Study of the Yabous Dam, Northeastern Algeria. <i>Water (Switzerland)</i> , 2022, 14, 767.	2.7	26
4	Assessment of Heavy Metals in the Sediments of the Inaouene Watershed Upstream the Idriss Dam, Northern Morocco. <i>Journal of Ecological Engineering</i> , 2022, 23, 157-170.	1.1	0
5	Alteration of the Ecohydrological Status of the Intermittent Flow Rivers and Ephemeral Streams due to the Climate Change Impact (Case Study: Tsiknias River). <i>Hydrology</i> , 2021, 8, 43.	3.0	5
6	Modeling alterations in flow regimes under changing climate in a Mediterranean watershed: An analysis of ecologically-relevant hydrological indicators. <i>Ecological Informatics</i> , 2021, 61, 101219.	5.2	21
7	Determination of Groundwater Vulnerability Using the DRASTIC Method in Ouargla Shallow Aquifer (Algerian Sahara). <i>Journal of Ecological Engineering</i> , 2021, 22, 12-19.	1.1	3
8	Using Oxygen-18 and Deuterium to Delineate Groundwater Recharge at Different Spatial and Temporal Scales. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2021, , 303-312.	0.4	0
9	Modeling of Continuous and Extreme Hydrological Processes Using Spatially Distributed Models MERCEDES, VICAIR and VISHYR in a Mediterranean Watershed. <i>Ecological Engineering and Environmental Technology</i> , 2021, 22, 9-23.	0.7	3
10	Hydrological modeling of three rivers under Mediterranean climate in Chile, Greece, and Morocco: study of high flow trends by indicator calculation. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	7
11	Assessing Hydrological Vulnerability to Future Droughts in a Mediterranean Watershed: Combined Indices-Based and Distributed Modeling Approaches. <i>Water (Switzerland)</i> , 2020, 12, 2333.	2.7	18
12	Making rainfed crops adapted to potential climate change impacts: Modeling sustainable options. <i>E3S Web of Conferences</i> , 2020, 183, 03002.	0.5	0
13	Assessment of Inaouene River Pollution for Potable Water Supply, Northern Morocco. <i>Journal of Ecological Engineering</i> , 2020, 21, 68-80.	1.1	2
14	Variable responses of karst springs to recharge in the Middle Atlas region of Morocco. <i>Hydrogeology Journal</i> , 2019, 27, 1693-1710.	2.1	12
15	Implementation of Distributed Hydrological Modeling in a Semi-Arid Mediterranean Catchment "Azzaba, Morocco". <i>Journal of Ecological Engineering</i> , 2019, 20, 236-254.	1.1	4
16	Modeling sustainable adaptation strategies toward a climate-smart agriculture in a Mediterranean watershed under projected climate change scenarios. <i>Agricultural Systems</i> , 2018, 162, 154-163.	6.1	83
17	Hydrochemical characterization of surface water in the Babar watershed (Algeria) using environmetric techniques and time series analysis. <i>International Journal of River Basin Management</i> , 2017, 15, 361-372.	2.7	14
18	Geochemical and qualitative assessment of groundwater of the High Mekerra watershed, NW Algeria. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	13

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19	Spatial mapping of irrigation groundwater quality of the High Mekerra watershed (Northern Algeria). Arabian Journal of Geosciences, 2017, 10, 1.	1.3	7
20	SWAT manual calibration and parameters sensitivity analysis in a semi-arid watershed in North-western Morocco. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	34
21	Investigation of groundwater hydrochemical characteristics using the multivariate statistical analysis in Ain Djacer area, Eastern Algeria. Desalination and Water Treatment, 2016, 57, 26993-27002.	1.0	7
22	Design flood estimation in ungauged catchments and statistical characterization using principal components analysis: application of Gradex method in Upper Moulouya. Hydrological Processes, 2013, 27, 186-195.	2.6	10
23	Diagnostic of physicochemical and bacteriological quality of fez wastewaters rejected in Sebou River: Morocco. Environmental Earth Sciences, 2011, 63, 839-846.	2.7	8
24	Controls on Ground Water Chemistry in the Central Couloir Sud Rifain, Morocco. Ground Water, 2010, 48, 306-319.	1.3	9
25	HydRS: An open source GIS decision support system for groundwater management (Morocco). Geo-Spatial Information Science, 2009, 12, 212-216.	5.3	8
26	Improvement of artificial neural networks to predict daily streamflow in a semi-arid area. Hydrological Sciences Journal, 0, , 1-12.	2.6	9
27	The combination of the modified DRASTIC and GOD methods for assessing the vulnerability to pollution of the Middle Cheliff aquifer, Algeria. , 0, 70, 117-124.		0
28	Groundwater geochemistry and environmental isotopes of the Hodna area, Southeastern Algeria. , 0, 73, 225-236.		0
29	Toward Better Preparedness of Mediterranean Rainfed Agricultural Systems to Future Climate-Change-Induced Water Stress: Study Case of Bouregreg Watershed (Morocco). , 0, , .		1