

# 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 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        |
| 2  | SWAT manual calibration and parameters sensitivity analysis in a semi-arid watershed in North-western Morocco. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.   | 1.3 | 34        |
| 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  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | Geochemical and qualitative assessment of groundwater of the High Mekerra watershed, NW Algeria. <i>Environmental Earth Sciences</i> , 2017, 76, 1.   | 2.7 | 13        |
| 8  | 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        |
| 9  | Design flood estimation in ungauged catchments and statistical characterization using principal components analysis: application of Gradex method in Upper Moulouya. <i>Hydrological Processes</i> , 2013, 27, 186-195. | 2.6 | 10        |
| 10 | 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        |
| 11 | Controls on Ground Water Chemistry in the Central Couloir Sud Rifain, Morocco. <i>Ground Water</i> , 2010, 48, 306-319.   | 1.3 | 9         |
| 12 | Improvement of artificial neural networks to predict daily streamflow in a semi-arid area. <i>Hydrological Sciences Journal</i> , 0, , 1-12.  | 2.6 | 9         |
| 13 | HydriS: An open source GIS decision support system for groundwater management (Morocco). <i>Geo-Spatial Information Science</i> , 2009, 12, 212-216.  | 5.3 | 8         |
| 14 | Diagnostic of physicochemical and bacteriological quality of fez wastewaters rejected in Sebou River: Morocco. <i>Environmental Earth Sciences</i> , 2011, 63, 839-846.   | 2.7 | 8         |
| 15 | Investigation of groundwater hydrochemical characteristics using the multivariate statistical analysis in Ain Djacer area, Eastern Algeria. <i>Desalination and Water Treatment</i> , 2016, 57, 26993-27002.            | 1.0 | 7         |
| 16 | Spatial mapping of irrigation groundwater quality of the High Mekerra watershed (Northern Algeria). <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.  | 1.3 | 7         |
| 17 | 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         |
| 18 | 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         |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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         |
| 21 | 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         |
| 22 | 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         |
| 23 | Assessment of Inaouene River Pollution for Potable Water Supply, Northern Morocco. <i>Journal of Ecological Engineering</i> , 2020, 21, 68-80.  | 1.1 | 2         |
| 24 | Toward Better Preparedness of Mediterranean Rainfed Agricultural Systems to Future Climate-Change-Induced Water Stress: Study Case of Bouregreg Watershed (Morocco). , 0, , .   |     | 1         |
| 25 | 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         |
| 26 | 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         |
| 27 | Groundwater geochemistry and environmental isotopes of the Hodna area, Southeastern Algeria. , 0, 73, 225-236.  |     | 0         |
| 28 | Making rainfed crops adapted to potential climate change impacts: Modeling sustainable options. <i>E3S Web of Conferences</i> , 2020, 183, 03002.   | 0.5 | 0         |
| 29 | 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         |