

Younes Hamed

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,721
citations

201674
27
h-index

302126
39
g-index

53
all docs

53
docs citations

53
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate impact on surface and groundwater in North Africa: a global synthesis of findings and recommendations. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	160
2	Hydrogeochemical and stable isotope data of groundwater of a multi-aquifer system: Northern Gafsa basin – Central Tunisia. Journal of African Earth Sciences, 2016, 114, 174-191.	2.0	89
3	Groundwater mixing and geochemical assessment of low-enthalpy resources in the geothermal field of southwestern Tunisia. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	73
4	Use of geochemical, isotopic, and age tracer data to develop models of groundwater flow: A case study of Gafsa mining basin-Southern Tunisia. Journal of African Earth Sciences, 2014, 100, 418-436.	2.0	70
5	Hydrogeochemical characterization of water mineralization in Tebessa-Kasserine karst system (Tuniso-Algerian Transboundry basin). Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	65
6	Groundwater evolution of the Continental Intercalaire aquifer of Southern Tunisia and a part of Southern Algeria: use of geochemical and isotopic indicators. Desalination and Water Treatment, 2014, 52, 1990-1996.	1.0	60
7	Slope Failure Characteristics and Slope Movement Susceptibility Assessment Using GIS in a Medium Scale: A Case Study from Ouled Driss and Machroha Municipalities, Northeast Algeria. Arabian Journal for Science and Engineering, 2017, 42, 281-300.	3.0	60
8	GIS-Based Approaches for the Landslide Susceptibility Prediction in Setif Region (NE Algeria). Geotechnical and Geological Engineering, 2019, 37, 359-374.	1.7	51
9	GIS-based evaluation of groundwater quality and estimation of soil salinization and land degradation risks in an arid Mediterranean site (SW Tunisia). Arabian Journal of Geosciences, 2017, 10, 1.	1.3	49
10	A GIS-based statistical model for assessing groundwater susceptibility index in shallow aquifer in Central Tunisia (Sidi Bouzid basin). Arabian Journal of Geosciences, 2020, 13, 1.	1.3	49
11	Hydro-geochemical and isotopic composition of groundwater, with emphasis on sources of salinity, in the aquifer system in Northwestern Tunisia. Journal of African Earth Sciences, 2013, 83, 10-24.	2.0	46
12	Environmental and human health risk assessment of potentially toxic elements in soil, sediments, and ore-processing wastes from a mining area of southwestern Tunisia. Environmental Geochemistry and Health, 2020, 42, 4125-4139.	3.4	46
13	Groundwater origins and mixing pattern in the multilayer aquifer system of the Gafsa-south mining district: a chemical and isotopic approach. Environmental Earth Sciences, 2011, 63, 1355-1368.	2.7	43
14	Application of the analytic hierarchy process to weight the criteria used to determine the Water Quality Index of groundwater in the northeastern basin of the Sidi Bouzid region, Central Tunisia. Euro-Mediterranean Journal for Environmental Integration, 2020, 5, 1.	1.3	42
15	Application of linear indexing model and GIS techniques for the slope movement susceptibility modeling in Bousselam upstream basin, Northeast Algeria. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	41
16	Geochemical and isotopic study of the multilayer aquifer system in the Moulares-Redayef basin, southern Tunisia / Etude géochimique et isotopique du système aquifère multicouche du bassin de Moulares-Redayef, sud tunisien. Hydrological Sciences Journal, 2008, 53, 1241-1252.	2.6	38
17	Mapping potential zones for groundwater recharge and its evaluation in arid environments using a GIS approach: Case study of North Gafsa Basin (Central Tunisia). Journal of African Earth Sciences, 2018, 141, 107-117.	2.0	38
18	Nitrate contamination in groundwater in the Sidi Aïch – Gafsa oases region, Southern Tunisia. Environmental Earth Sciences, 2013, 70, 2335-2348.	2.7	37

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19	Impact of climate change on groundwater and the extinction of ancient "Foggara" and springs systems in arid lands in North Africa: a case study in Gafsa basin (Central of Tunisia). Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	36
20	The EPIK multi-attribute method for intrinsic vulnerability assessment of karstic aquifer under semi-arid climatic conditions, case of Cheria Plateau, NE Algeria. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	33
21	Conceptual model for karstic aquifers by combined analysis of GIS, chemical, thermal, and isotopic tools in Tuniso-Algerian transboundary basin. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	32
22	Bioaccessibility of potentially toxic metals in soil, sediments and tailings from a north Africa phosphate-mining area: Insight into human health risk assessment. Journal of Environmental Management, 2021, 279, 111634.	7.8	32
23	Modelling of potential groundwater artificial recharge in the transboundary Algero-Tunisian Basin (Tebessa-Gafsa): The application of stable isotopes and hydroinformatics tools. Irrigation and Drainage, 2022, 71, 137-156.	1.7	31
24	Causes and risk evaluation of oil and brine contamination in the Lower Cretaceous Continental Intercalaire aquifer in the Kebili region of southern Tunisia using chemical fingerprinting techniques. Environmental Pollution, 2019, 253, 412-423.	7.5	30
25	Ecologic and economic perspectives for sustainable irrigated agriculture under arid climate conditions: An analysis based on environmental indicators for southern Tunisia. Journal of African Earth Sciences, 2021, 177, 104134.	2.0	29
26	The hydrogeochemical characterization of groundwater in Gafsa-Sidi Boubaker region (Southwestern Tunisia). Journal of African Earth Sciences, 2018, 137, 104134.	1.9	28
27	Multi-tracer investigation of groundwater in El Eulma Basin (northwestern Algeria), North Africa. Arabian Journal of Geosciences, 2015, 8, 3321-3333.	1.3	28
28	Integrating Remotely Sensed and GIS Data for the Detailed Geological Mapping in Semi-Arid Regions: Case of Youks les Bains Area, Tebessa Province, NE Algeria. Geotechnical and Geological Engineering, 2019, 37, 2903-2913.	1.7	28
29	Assessment of groundwater and soil pollution by leachate using electrical resistivity and induced polarization imaging survey, case of Tebessa municipal landfill, NE Algeria. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	28
30	Spatial variation of groundwater vulnerability to nitrate pollution under excessive fertilization using index overlay method in central Tunisia (Sidi Bouzid basin)*. Irrigation and Drainage, 2021, 70, 1209-1226.	1.7	28
31	Geochemical and isotopic composition of groundwater in the Complex Terminal aquifer in southwestern Tunisia, with emphasis on the mixing by vertical leakage. Environmental Earth Sciences, 2011, 64, 85-95.	2.7	27
32	Statistical and geochemical assessment of groundwater quality in Teboursouk area (Northwestern Tunisia). Journal of African Earth Sciences, 2018, 137, 104134.	2.7	27
33	Atmospheric pollution in North Africa (ecosystems-atmosphere interactions): a case study in the mining basin of El Guettar-Dilla (southwestern Tunisia). Arabian Journal of Geosciences, 2014, 7, 2071-2079.	1.3	25
34	Evaluation of potentially toxic elements (PTEs) vertical distribution in sediments of Gafsa-Metlaoui mining basin (Southwestern Tunisia) using geochemical and multivariate statistical analysis approaches. Environmental Earth Sciences, 2019, 78, 1.	2.7	25
35	Using GIS and RS for Slope Movement Susceptibility Mapping: Comparing AHP, LI and LR Methods for the Oued Mellah Basin, NE Algeria. Advances in Science, Technology and Innovation, 2018, , 1853-1856.	0.4	21
36	Environmental impacts of land management on the sustainability of natural resources in Oriental Erg Tunisia, North Africa. Environment, Development and Sustainability, 2021, 23, 11677-11705.	5.0	21

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37	Estimation of Residence Times and Recharge Area of Groundwater in the Moulares Mining Basin by Using Carbon and Oxygen Isotopes (South Western Tunisia). Journal of Environmental Protection, 2010, 01, 466-474.	0.7	20
38	Hydrogeochemical and isotope evidence of groundwater evolution in El Guettar Oasis area, Southwest Tunisia. Carbonates and Evaporites, 2015, 30, 417-437.	1.0	20
39	Geochemical, isotopic and statistical monitoring of groundwater quality: Assessment of the potential environmental impacts of the highly polluted CI water in Southwestern Tunisia. Journal of African Earth Sciences, 2019, 153, 144-155.	2.0	17
40	Hydrochemical and geothermometry characterization for a geothermal system in semiarid dry climate: The case study of Hama spring (Northeast Algeria). Journal of African Earth Sciences, 2021, 182, 104285.	2.0	14
41	Semi-variograms and kriging techniques in iron ore reserve categorization: application at Jebel Wenza deposit. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	10
42	Palaeoenvironments of the Continental Intercalaire fossil from the Late Cretaceous (Barremian-Albian) in North Africa: a case study of southern Tunisia. Arabian Journal of Geosciences, 2014, 7, 1165-1177.	1.3	9
43	Water-Borne Erosion Estimation Using the Revised Universal Soil Loss Equation (RUSLE) Model Over a Semiarid Watershed: Case Study of Meskiana Catchment, Algerian-Tunisian Border. Geotechnical and Geological Engineering, 2022, 40, 4217-4230.	1.7	9
44	Hydro-geophysical and geochemical studies of the aquifer systems in El Kef region (Northwestern Tunisia). Journal of African Earth Sciences, 2017, 130, 107-117.	1.0	7
45	Integrating gravity data for structural investigation of the Youkous-Tebessa and Foussana-Talah transboundary basins (North Africa). Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	1.3	7
46	Étude géochimique et isotopique de l'nappe phréatique de la plaine du Kef (Nord-Ouest tunisien). Sâcheresse, 2010, 21, 121-130.	0.1	6
47	Geostatistics-Based Method for Irregular Mineral Resource Estimation, in Ouenza Iron Mine, Northeastern Algeria. Geotechnical and Geological Engineering, 2021, 39, 3337-3346.	1.7	6
48	Groundwater quality evolution in the agro-based areas of southern Tunisia: environmental risks of emerging farming practices. Euro-Mediterranean Journal for Environmental Integration, 2022, 7, 65-78.	1.3	5
49	Spectroscopic and Chromatographic Characterization of the Composition of Organic Matter in Arid Salt-Affected Soils Under Different Vegetation Cover, Southeastern Tunisia (Gabes and Medenine). Advances in Science, Technology and Innovation, 2019, , 309-313.	0.4	4