

Talal Darwish

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

974
citations

516215

16
h-index

433756

31
g-index

39
all docs

39
docs citations

39
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Different Indicators for Groundwater Contamination by Seawater Intrusion on the Lebanese Coast. <i>Water Resources Management</i> , 2006, 20, 161-180.	1.9	179
2	Salinity evolution and crop response to secondary soil salinity in two agro-climatic zones in Lebanon. <i>Agricultural Water Management</i> , 2005, 78, 152-164.	2.4	114
3	Nitrogen and water use efficiency of fertigated processing potato. <i>Agricultural Water Management</i> , 2006, 85, 95-104.	2.4	109
4	Sentinel-1 Data for Winter Wheat Phenology Monitoring and Mapping. <i>Remote Sensing</i> , 2019, 11, 2228.	1.8	65
5	Management of nitrogen by fertigation of potato in Lebanon. <i>Nutrient Cycling in Agroecosystems</i> , 2003, 67, 1-11.	1.1	48
6	Observations on soil and groundwater contamination with nitrate: A case study from Lebanon-East Mediterranean. <i>Agricultural Water Management</i> , 2011, 99, 74-84.	2.4	44
7	A Novel Approach for Mapping Wheat Areas Using High Resolution Sentinel-2 Images. <i>Sensors</i> , 2018, 18, 2089.	2.1	42
8	Environmental impact of quarries on natural resources in Lebanon. <i>Land Degradation and Development</i> , 2011, 22, 345-358.	1.8	38
9	Distribution and nature of Red Mediterranean soils in Lebanon along an altitudinal sequence. <i>Catena</i> , 1997, 28, 191-202.	2.2	33
10	Determination of natural and artificial radioactivity in soil at North Lebanon province. <i>Journal of Environmental Radioactivity</i> , 2013, 125, 36-39.	0.9	33
11	Mobility and bioavailability of selected trace elements in Mediterranean red soil amended with phosphate fertilizers: Experimental study. <i>Geoderma</i> , 2012, 189-190, 357-368.	2.3	29
12	Metal(loid)s immobilization in soils of Lebanon using municipal solid waste compost: Microbial and biochemical impact. <i>Applied Soil Ecology</i> , 2019, 143, 134-143.	2.1	27
13	Ni, Cu, Zn and Pb background values determination in representative Lebanese soil using the thick target PIXE technique. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 219-220, 181-186.	0.6	22
14	Characterization of the time dynamics of monthly satellite snow cover data on Mountain Chains in Lebanon. <i>Journal of Hydrology</i> , 2014, 519, 3214-3222.	2.3	19
15	Mobility of selected trace elements in Mediterranean red soil amended with phosphogypsum: experimental study. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4397-4412.	1.3	18
16	Mapping of soil organic carbon stock in the Arab countries to mitigate land degradation. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	16
17	Singular spectrum analysis and Fisher-Shannon analysis of spring flow time series: An application to Anjar Spring, Lebanon. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 3789-3797.	1.2	13
18	Investigating the time dynamics of monthly rainfall time series observed in northern Lebanon by means of the detrended fluctuation analysis and the Fisher-Shannon method. <i>Acta Geophysica</i> , 2013, 61, 1538-1555.	1.0	12

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19	Sustaining the ecological functions of the Litani River Basin, Lebanon. <i>International Journal of River Basin Management</i> , 2023, 21, 37-51.	1.5	12
20	Challenges of soil carbon sequestration in the NENA region. <i>Soil</i> , 2018, 4, 225-235.	2.2	11
21	Application of the LDN concept for quantification of the impact of land use and land cover changes on Mediterranean watersheds - Al Awali basin - Lebanon as a case study. <i>Catena</i> , 2019, 176, 264-278.	2.2	11
22	Performance of wheat-based cropping systems and economic risk of low relative productivity assessment in a sub-dry Mediterranean environment. <i>European Journal of Agronomy</i> , 2020, 113, 125968.	1.9	11
23	Effect of agricultural practices and coastal constraints on soil microbial functional properties in Mediterranean olive orchards. <i>European Journal of Soil Science</i> , 2016, 67, 470-477.	1.8	10
24	Land Capability for Agriculture, Hermel District, Lebanon. <i>Journal of Maps</i> , 2019, 15, 122-130.	1.0	8
25	Total boron assessment in soil samples from dry Mediterranean region using the thick target-particle induced gamma-ray emission technique. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 249, 566-570.	0.6	7
26	Watershed characteristics, land use and fabric: The application of remote sensing and geographical information systems. <i>Lakes and Reservoirs: Research and Management</i> , 2005, 10, 85-92.	0.6	6
27	Analysis of long-term fluctuations in stream flow time series: An application to Litani River, Lebanon. <i>Acta Geophysica</i> , 2014, 62, 164-179.	1.0	6
28	Climatic Induced Snowpack Surfaces on Lebanon's Mountains. <i>The Open Hydrology Journal</i> , 2014, 8, 8-16.	0.4	6
29	Effect of abandonment of olive orchards on soil organic carbon sequestration in Mediterranean Lebanon. <i>Soil Research</i> , 2015, 53, 745.	0.6	5
30	Inducing Water Productivity from Snow Cover for Sustainable Water Management in Ibrahim River Basin, Lebanon. <i>British Journal of Applied Science & Technology</i> , 2015, 5, 233-243.	0.2	5
31	Assessment of the plasma desorption time-of-flight mass spectrometry technique for pesticide adsorption and degradation on ¹³⁷ Cs-received treated soil samples. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2379-2389.	0.7	4
32	A GIS framework for the application of the land degradation neutrality concept in Mediterranean landscapes. <i>Geocarto International</i> , 2022, 37, 10767-10797.	1.7	4
33	Olive mill waste and glyphosate-based herbicide addition to olive grove soils: effects on microbial activities and their responses to drying-rewetting cycles. <i>Soil Use and Management</i> , 2017, 33, 499-510.	2.6	3
34	Validation of a new method for monitoring trace elements in Mediterranean cereal soils. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-17.	1.8	2
35	Overwinter Mineralization of a Biosolid and Composted Banana Residues in Humid Mediterranean Conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 1237-1248.	0.6	1
36	Towards rapid and simultaneous quantification of F, Li and Na in ¹³⁷ Cs-received geological samples using PIGE technique. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1885-1895.	0.7	1

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37	Evaluating Differences of Erosion Patterns in Natural and Anthropogenic Basins through Scenario Testing: A Case Study of the Claise, France and Nahr Ibrahim, Lebanon. , 2019, , .		0
38	Effect of Potassium Supply and Water Stress on Potato Drought Tolerance and Water Productivity. Communications in Soil Science and Plant Analysis, 2022, 53, 1100-1112.	0.6	0
39	Biochar Addition Decreases the Mobility, Bioavailability, and Phytotoxicity of Potentially Toxic Elements in an Agricultural Contaminated Soil. Communications in Soil Science and Plant Analysis, 0, , 1-17.	0.6	0