Maria K Doula

List of Publications by Year
in descending order

47 papers	1,414 citations	471509 17 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	1332 citing authors

#	Article	IF	Citations
1	Removal of Mn2+ ions from drinking water by using Clinoptilolite and a Clinoptiloliteâ€“Fe oxide system. Water Research, 2006, 40, 3167-3176.	11.3	142
2	Disposal of olive oil mill wastes in evaporation ponds: Effects on soil properties. Journal of Hazardous Materials, 2010, 182, 144-155.	12.4	125
3	Synthesis of a clinoptiloliteâ€“Fe system with high Cu sorption capacity. Chemosphere, 2007, 67, 731-740.	8.2	124
4	Simultaneous removal of Cu, Mn and Zn from drinking water with the use of clinoptilolite and its Fe-modified form. Water Research, 2009, 43, 3659-3672.	11.3	116
5	Measuring the level of environmental performance in insular areas, through key performed indicators, in the framework of waste strategy development. Science of the Total Environment, 2021, 753, 141974.	8.0	86
6	Copper Adsorption and Si, Al, Ca, Mg, and Na Release from Clinoptilolite. Journal of Colloid and Interface Science, 2002, 245, 237-250.	9.4	83
7	Preparation, characterization and sorption properties for phosphates of hematite, bentonite and bentoniteâ€“hematite systems. Advances in Colloid and Interface Science, 2002, 97, 37-61.	14.7	80
8	The effect of electrolyte anion on Cu adsorptionâ€“desorption by clinoptilolite. Microporous and Mesoporous Materials, 2003, 58, 115-130.	4.4	72
9	Use of clinoptilolite and an Fe-overexchanged clinoptilolite in Zn2+ and Mn2+ removal from drinking water. Desalination, 2008, 224, 280-292.	8.2	71
10	Use of an iron-overexchanged clinoptilolite for the removal of Cu2+ ions from heavily contaminated drinking water samples. Journal of Hazardous Materials, 2008, 151, 738-745.	12.4	57
11	Thermodynamics of Copper Adsorption-Desorption by Ca-Kaolinite. Adsorption, 2000, 6, 325-335.	3.0	47
12	Life Cycle Analysis in the Framework of Agricultural Strategic Development Planning in the Balkan Region. Sustainability, 2020, 12, 1813.	3.2	43
13	Nematicidal Amendments and Soil Remediation. Plants, 2020, 9, 429.	3.5	32
14	Removal of iron and manganese from underground water by use of natural minerals in batch mode treatment. Desalination and Water Treatment, 2010, 18, 341-346.	1.0	27
15	Long-Term Effects on Soil of the Disposal of Olive Mill Waste Waters (OMW). Environmental Forensics, 2014, 15, 37-51.	2.6	26
16	Olive mill waste: recent advances for the sustainable development of olive oil industry. , 2017, , 29-56.		26
17	Carving out a Niche in the Sustainability Confluence for Environmental Education Centers in Cyprus and Greece. Sustainability, 2022, 14, 8368.	3.2	26
18	Use of clinoptilolite to improve and protect soil quality from the disposal of olive oil mills wastes. Journal of Hazardous Materials, 2012, 207-208, 103-110.	12.4	25

#	Article	IF	Citations
19	Thermodynamics of potassium exchange in calcium bentonite (Caâ€b). Communications in Soil Science and Plant Analysis, 1995, 26, 1535-1545.	1.4	16
20	Proposed Soil Indicators for Olive Mill Waste (OMW) Disposal Areas. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	16
21	Long-term application of olive-mill wastewater affects soil chemical and microbial properties. Soil Research, 2015, 53, 461.	1.1	16
22	Geostatistical estimation of risk for soil and water in the vicinity of olive mill wastewater disposal sites. Desalination and Water Treatment, 2016, 57, 2982-2995.	1.0	16
23	Waste Strategies Development in the Framework of Circular Economy. Sustainability, 2021, 13, 13467.	3.2	16
24	Origin of Recalcitrant Heavy Metals Present in Olive Mill Wastewater Evaporation Ponds and Nearby Agricultural Soils. Environmental Forensics, 2011, 12, 319-326.	2.6	13
25	Building a strategy for soil protection at local and regional scaleâ€"the case of agricultural wastes landspreading. Environmental Monitoring and Assessment, 2016, 188, 141.	2.7	13
26	Growth, yield and nutrient status of pepper plants grown on a soil substrate with olive mill waste sludge and natural zeolite addition. Journal of Plant Nutrition, 2020, 43, 629-640.	1.9	10
27	Remote Sensing, Geophysics, and Modeling to Support Precision Agricultureâ€"Part 2: Irrigation Management. Water (Switzerland), 2022, 14, 1157.	2.7	9
28	OPTIMIZATION OF HEAVY POLLUTED SOIL FROM OLIVE MILL WASTE THROUGH THE IMPLEMENTATION OF ZEOLITES. Environmental Engineering and Management Journal, 2019, 18, 1297-1309.	0.6	8
29	The sorption isotherms of potassium. Communications in Soil Science and Plant Analysis, 1994, 25, 1373-1386.	1.4	7
30	Remote Sensing, Geophysics, and Modeling to Support Precision Agricultureâ€"Part 1: Soil Applications. Water (Switzerland), 2022, 14, 1158.	2.7	7
31	Evaluation of the influence of olive mill waste on soils: the case study of disposal areas in Crete, Greece. Comptes Rendus Chimie, 2020, 23, 705-720.	0.5	6
32	Potassium sorption by calciumâ€bentonite (Caâ€b). Communications in Soil Science and Plant Analysis, 1994, 25, 1387-1400.	1.4	5
33	Phosphate sorption by calciumâ€bentonite as described by commonly used isotherms. Communications in Soil Science and Plant Analysis, 1994, 25, 2299-2312.	1.4	5
34	Kinetics of potassium adsorption by Entisols of Greece. Communications in Soil Science and Plant Analysis, 1994, 25, 1417-1430.	1.4	5
35	An EPR study of Cu adsorption by clinoptilolite from Clâ^{ˆ'}, NO 3 â^{ˆ'} and SO 4 2â^{ˆ'} solutions. Journal of Porous Materials, 2008, 15, 457-466.	2.6	5
36	Framework to improve sustainability of agriculture in small islands: The case ofPistacia veraL. cultivation in Aegina, Greece. Environmental Forensics, 2017, 18, 214-225.	2.6	5

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37	Evaluation of groundwater vulnerability in a Greek island using GIS-based models. , 0, 67, 61-73.		5
38	Kinetic study of phosphorus desorption by Alfisols and Entisols. Communications in Soil Science and Plant Analysis, 1993, 24, 989-1001.	1.4	4
39	Kinetics of potassium desorption by Alfisols of Greece. Communications in Soil Science and Plant Analysis, 1994, 25, 1355-1372.	1.4	4
40	Thermodynamics of phosphate adsorptionâ€desorption by alfisols, entisols, vertisols, and inceptisols. Communications in Soil Science and Plant Analysis, 1996, 27, 1749-1764.	1.4	4
41	Should heavy metals be an issue of concern at olive mill waste disposal areas? The case of nickel. Current Opinion in Environmental Science and Health, 2021, 22, 100270.	4.1	4
42	Kinetics of potassium adsorption by Alfisols of Greece. Communications in Soil Science and Plant Analysis, 1994, 25, 1401-1415.	1.4	3
43	Geodiametris: an integrated geoinformatic approach for monitoring land pollution from the disposal of olive oil mill wastes. , 2014, , .		2
44	Pepper cultivation on a substrate consisting of soil, natural zeolite, and olive mill waste sludge: changes in soil properties. Comptes Rendus Chimie, 2020, 23, 721-732.	0.5	2
45	Potassium sorption by caâ€bentoniteâ€"commonly used isotherms. Communications in Soil Science and Plant Analysis, 1996, 27, 1107-1123.	1.4	0
46	APPLICATION OF A FOUR-LAYER MODEL TO DESCRIBE HEMATITE, KAOLINITE AND KAOLINITE-HEMATITE SYSTEM (K-H) SURFACES. Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science, 2001, 48, 381-393.	0.2	0
47	Development of web-based GIS services for sustainable soil resource management at farm level. , 2017, , .		0