## Theodora Matsi

List of Publications by Year in descending order

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43 papers

1,094 citations

18 h-index 32 g-index

43 all docs 43 docs citations

43 times ranked

1157 citing authors

#	Article	IF	CITATIONS
1	Influence of sewage sludge application on soil properties and on the distribution and availability of heavy metal fractions. Communications in Soil Science and Plant Analysis, 1995, 26, 2603-2619.	0.6	116
2	Fly ash application on two acid soils and its effect on soil salinity, pH, B, P and on ryegrass growth and composition. Environmental Pollution, 1999, 104, 107-112.	3.7	106
3	Plant growth promoting rhizobacteria isolated from halophytes and drought-tolerant plants: genomic characterisation and exploration of phyto-beneficial traits. Scientific Reports, 2020, 10, 14857.	1.6	99
4	Metabolomic and physico-chemical approach unravel dynamic regulation of calcium in sweet cherry fruit physiology. Plant Physiology and Biochemistry, 2017, 116, 68-79.	2.8	73
5	Application of liquid cattle manure and inorganic fertilizers affect dry matter, nitrogen accumulation, and partitioning in maize. Nutrient Cycling in Agroecosystems, 2008, 80, 283-296.	1.1	72
6	Effect of Liquid Cattle Manure on Corn Yield, Composition, and Soil Properties. Agronomy Journal, 2007, 99, 1041-1047.	0.9	57
7	Effects of Injected Liquid Cattle Manure on Growth and Yield of Winter Wheat and Soil Characteristics. Agronomy Journal, 2003, 95, 592-596.	0.9	54
8	Deregulation of apoplastic polyamine oxidase affects development and salt response of tobacco plants. Journal of Plant Physiology, 2017, 211, 1-12.	1.6	39
9	Silencing S-Adenosyl-L-Methionine Decarboxylase (SAMDC) in Nicotiana tabacum Points at a Polyamine-Dependent Trade-Off between Growth and Tolerance Responses. Frontiers in Plant Science, 2016, 7, 379.	1.7	35
10	Soil application of sewage sludge stabilized with steelmaking slag and its effect on soil properties and wheat growth. Waste Management, 2017, 68, 378-387.	3.7	35
11	Effect of potassium fertilization on leaf physiology, fiber yield and quality in cotton (Gossypium) Tj ETQq1 1 0.784	4314 rgBT 2.3	/ /gyerlock 10
12	CPPU treatment and pollination: Their combined effect on kiwifruit growth and quality. Scientia Horticulturae, 2015, 193, 147-154.	1.7	31
13	Influence of Liquid Cattle Manure on Micronutrients Content and Uptake by Corn and their Availability in a Calcareous Soil. Agronomy Journal, 2011, 103, 113-118.	0.9	30
14	Shoot Sr concentrations in relation to shoot Ca concentrations and to soil properties. Plant and Soil, 1996, 178, 95-100.	1.8	29
15	Pilot Cultivation of the Vulnerable Cretan Endemic Verbascum arcturus L. (Scrophulariaceae): Effect of Fertilization on Growth and Quality Features. Sustainability, 2021, 13, 14030.	1.6	23
16	Forms and distribution of heavy metals in soils of the Axios delta of northern Greece. Communications in Soil Science and Plant Analysis, 1999, 30, 817-827.	0.6	21
17	Effects of Injected Liquid Cattle Manure on Growth and Yield of Winter Wheat and Soil Characteristics. Agronomy Journal, 2003, 95, 592.	0.9	21
18	Phosphorus Adsorption–Desorption on a Surfactant-Modified Natural Zeolite: A Laboratory Study. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	21

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19	Use of Magnesia for Boron Removal from Irrigation Water. Journal of Environmental Quality, 2006, 35, 2222-2228.	1.0	17
20	Vertical Distribution Patterns of Trace Elements in an Urban Environment as Reflected by their Accumulation in Lichen Transplants. Journal of Atmospheric Chemistry, 2006, 54, 121-131.	1.4	17
21	Strontium Absorption by Two Trifolium Species as Influenced by Soil Characteristics and Liming. Water, Air, and Soil Pollution, 2003, 144, 363-373.	1.1	15
22	Pilot Cultivation of the Local Endemic Cretan Marjoram Origanum microphyllum (Benth.) Vogel (Lamiaceae): Effect of Fertilizers on Growth and Herbal Quality Features. Agronomy, 2022, 12, 94.	1.3	15
23	Bacterial Communities in the Rhizosphere and Phyllosphere of Halophytes and Drought-Tolerant Plants in Mediterranean Ecosystems. Microorganisms, 2020, 8, 1708.	1.6	14
24	Use of clay minerals for sewage sludge stabilization and a preliminary assessment of the treated sludge's fertilization capacity. Environmental Science and Pollution Research, 2019, 26, 35387-35398.	2.7	13
25	Decoding the potential of a new Pseudomonas putida strain for inducing drought tolerance of tomato (Solanum lycopersicum) plants through seed biopriming. Journal of Plant Physiology, 2022, 271, 153658.	1.6	13
26	Evaluation of the NH4HCO3â€DTPA soil test for assessing boron availability to wheat. Communications in Soil Science and Plant Analysis, 2000, 31, 669-678.	0.6	11
27	Alkaline Fly Ash Effects on Boron Sorption and Desorption in Soils. Soil Science Society of America Journal, 2001, 65, 1101-1108.	1.2	9
28	Cation selectivity in cotton (Gossypium hirsutum L.) grown on calcareous soil as affected by potassium fertilization, cultivar and growth stage. Plant and Soil, 2017, 415, 331-346.	1.8	9
29	EFFECT OF LIQUID CATTLE MANURE ON SOIL CHEMICAL PROPERTIES AND CORN GROWTH IN NORTHERN GREECE. Experimental Agriculture, 2015, 51, 435-450.	0.4	8
30	Natural and Surfactant-Modified Zeolite for the Removal of Pollutants (Mainly Inorganic) From Natural Waters and Wastewaters., 2016,, 591-606.		8
31	Greek Tulips: Worldwide Electronic Trade over the Internet, Global Ex Situ Conservation and Current Sustainable Exploitation Challenges. Plants, 2021, 10, 580.	1.6	7
32	Comparison of Two Sequential Extraction Methods and the DTPA Method for the Extraction of Micronutrients from Acidic Soils. Communications in Soil Science and Plant Analysis, 2013, 44, 38-49.	0.6	6
33	A Prominent Role for Leaf Calcium as a Yield and Quality Determinant in Upland Cotton ( <i>Gossypium) Tj ETQq1 Crop Science, 2016, 202, 161-173.</i>	1 0.7843 1.7	14 rgBT /Ov 6
34	Assessment of nickel's sufficiency critical levels in cultivated soils, employing commonly used calibration techniques. Journal of Plant Nutrition and Soil Science, 2016, 179, 566-573.	1.1	5
35	Long-term Fertilization with Liquid Cattle Manure Leaves Legacy Nutrients, but not Organic Carbon and Has No Effect on Soil Microbial and Physical Properties a Year after Last Application. Communications in Soil Science and Plant Analysis, 2021, 52, 1264-1274.	0.6	5
36	Micronutrient Levels in Sugar Beet in Soils of Greece. Journal of Plant Nutrition, 2005, 28, 2093-2099.	0.9	4

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37	Liquid Cattle Manure Application to Soil and Its Effect on Crop Growth, Yield, Composition, and on Soil Properties., 2012,,.		4
38	Liquid Cattle Manure Effect on Corn Yield and Nutrients' Uptake and Soil Fertility, in Comparison to the Common and Recommended Inorganic Fertilization. Journal of Soil Science and Plant Nutrition, 2020, 20, 2283-2293.	1.7	4
39	Boron Adsorption-Desorption by Steelmaking Slag for Boron Removal from Irrigation Waters. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	3
40	Evaluation of certain Ni soil tests for an initial estimation of Ni sufficiency critical levels. Journal of Plant Nutrition and Soil Science, 2014, 177, 596-603.	1.1	2
41	Leaf gas exchange physiology and ion homeostasis of oilseed rape (Brassica napus L.) under Mediterranean conditions: Associations with seed yield and quality. Agriculture, Ecosystems and Environment, 2017, 247, 225-235.	2.5	2
42	Removal of Boron by Surfactant Modified Zeolitic Tuff from Northeastern Greece. Journal of Agricultural Science, 2013, 5, .	0.1	1
43	Use of Boron-Laden Magnesia as an Amendment for Acid Soils. Soil Science, 2014, 179, 51-55.	0.9	0