

Dionisios Gasparatos

List of Publications by Year in descending order

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52
papers

1,099
citations

430754

18
h-index

434063

31
g-index

52
all docs

52
docs citations

52
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Total and available heavy metal concentrations in soils of the Thriassio plain (Greece) and assessment of soil pollution indexes. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 6751-6766.	1.3	96
2	Sequestration of heavy metals from soil with Fe-Mn concretions and nodules. <i>Environmental Chemistry Letters</i> , 2013, 11, 1-9.	8.3	95
3	Sorption behavior of cesium on various soils under different pH levels. <i>Journal of Hazardous Materials</i> , 2007, 149, 553-556.	6.5	89
4	Apple tree growth and overall fruit quality under organic and conventional orchard management. <i>Scientia Horticulturae</i> , 2009, 123, 247-252.	1.7	66
5	Microscopic structure of soil Fe-Mn nodules: environmental implication. <i>Environmental Chemistry Letters</i> , 2005, 2, 175-178.	8.3	51
6	Fractionation of heavy metals and evaluation of the environmental risk for the alkaline soils of the Thriassio plain: a residential, agricultural, and industrial area in Greece. <i>Environmental Earth Sciences</i> , 2015, 74, 1099-1108.	1.3	50
7	A comparison of wet oxidation methods for determination of total phosphorus in soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2001, 164, 435.	1.1	47
8	Fe-Mn concretions and nodules formation in redoximorphic soils and their role on soil phosphorus dynamics: Current knowledge and gaps. <i>Catena</i> , 2019, 182, 104106.	2.2	40
9	Comparative effects of organic and conventional apple orchard management on soil chemical properties and plant mineral content under Mediterranean climate conditions. <i>Journal of Soil Science and Plant Nutrition</i> , 2011, 11, 105-117.	1.7	33
10	Chromium uptake by lettuce as affected by the application of organic matter and Cr(VI)-irrigation water: Implications to the land use and water management. <i>Chemosphere</i> , 2018, 210, 597-606.	4.2	32
11	Fe-Mn Concretions and Nodules to Sequester Heavy Metals in Soils. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 443-474.	0.3	31
12	Towards a Soil Remediation Strategy Using Biochar: Effects on Soil Chemical Properties and Bioavailability of Potentially Toxic Elements. <i>Toxics</i> , 2021, 9, 184.	1.6	29
13	Characterization of iron oxides in Fe-rich concretions from an imperfectly-drained Greek soil: a study by selective-dissolution techniques and X-ray diffraction. <i>Archives of Agronomy and Soil Science</i> , 2004, 50, 485-493.	1.3	26
14	Mineral nutrition of jojoba explants in vitro under sodium chloride salinity. <i>Scientia Horticulturae</i> , 2007, 114, 59-66.	1.7	26
15	Impact of organic fertilization on soil properties, plant physiology and yield in two newly planted olive (<i>Olea europaea</i> L.) cultivars under Mediterranean conditions. <i>Scientia Horticulturae</i> , 2017, 220, 11-19.	1.7	26
16	Sorption Behavior of Cesium in Two Greek Soils: Effects of Cs Initial Concentration, Clay Mineralogy, and Particle-size Fraction. <i>Soil and Sediment Contamination</i> , 2012, 21, 937-950.	1.1	22
17	From which soil metal fractions Fe, Mn, Zn and Cu are taken up by olive trees (<i>Olea europaea</i> L., cv.) Tj ETQq1 1 0.784314 rgBT /Overbo 3.8 822	3.8	822
18	Estimation of Phosphorus Status of Soil Fe-Enriched Concretions with the Acid Ammonium Oxalate Method. <i>Communications in Soil Science and Plant Analysis</i> , 2006, 37, 2375-2387.	0.6	19

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19	Signs for secondary buildup of heavy metals in soils at the periphery of Athens International Airport, Greece. <i>Environmental Science and Pollution Research</i> , 2018, 25, 658-671.	2.7	18
20	The Effect of Granular Commercial Fertilizers Containing Elemental Sulfur on Wheat Yield under Mediterranean Conditions. <i>Plants</i> , 2019, 8, 2.	1.6	18
21	Selenium Biofortification of Lettuce Plants (<i>Lactuca sativa</i> L.) as Affected by Se Species, Se Rate, and a Biochar Co-Application in a Calcareous Soil. <i>Agronomy</i> , 2022, 12, 131.	1.3	18
22	Predicting bulk density using pedotransfer functions for soils in the Upper Anthemountas basin, Greece. <i>Geoderma Regional</i> , 2018, 14, e00169.	0.9	17
23	A critical assessment on arsenic partitioning in mine-affected soils by using two sequential extraction protocols. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1549-1563.	1.3	16
24	Effects of Biostimulant and Organic Amendment on Soil Properties and Nutrient Status of <i>Lactuca sativa</i> in a Calcareous Saline-Sodic Soil. <i>Agriculture (Switzerland)</i> , 2019, 9, 164.	1.4	16
25	Growth, Nutrient Status, and Biochemical Changes of Sour Orange Plants Subjected to Sodium Chloride Stress. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 805-816.	0.6	15
26	Topsoil pollution as ecological footprint of historical mining activities in Greece. <i>Land Degradation and Development</i> , 2018, 29, 2025-2035.	1.8	15
27	Environmental conditions and drenched-applied paclobutrazol effects on lantana specific leaf area and N, P, K, and Mg content. <i>Chilean Journal of Agricultural Research</i> , 2014, 74, 117-122.	0.4	14
28	Effects of Nitrogen and Boron Fertilization on Lettuce Mineral Nutrition in a Calcareous Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 733-740.	0.6	12
29	Sustainable Management of Soil Phosphorus in a Changing World. , 2017, , 189-214.		11
30	Adsorption/Desorption Patterns of Selenium for Acid and Alkaline Soils of Xerothermic Environments. <i>Environments - MDPI</i> , 2020, 7, 72.	1.5	10
31	Selenium Uptake by Lettuce (<i>Lactuca sativa</i> L.) and Berseem (<i>Trifolium alexandrinum</i> L.) as Affected by the Application of Sodium Selenate, Soil Acidity and Organic Matter Content. <i>Plants</i> , 2020, 9, 605.	1.6	10
32	Efficacy of EDTA and Olive Mill Wastewater to Enhance As, Pb, and Zn Phytoextraction by <i>Pteris vittata</i> L. from a Soil Heavily Polluted by Mining Activities. <i>Sustainability</i> , 2018, 10, 1962.	1.6	8
33	Desorption of Arsenic from Calcareous Mine Affected Soils by Phosphate Fertilizers Application in Relation to Soil Properties and As Partitioning. <i>Soil Systems</i> , 2019, 3, 54.	1.0	8
34	Soil Contamination by Heavy Metals and Metalloids. <i>Environments - MDPI</i> , 2022, 9, 32.	1.5	8
35	Single and combined effect of chelating, reductive agents, and agro-industrial by-product treatments on As, Pb, and Zn mobility in a mine-affected soil over time. <i>Environmental Science and Pollution Research</i> , 2020, 27, 5536-5546.	2.7	7
36	A Comparative Analysis of a Detailed and Semi-Detailed Soil Mapping for Sustainable Land Management Using Conventional and Currently Applied Methodologies in Greece. <i>Land</i> , 2020, 9, 154.	1.2	7

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37	Amelioration Effects against Salinity Stress in Strawberry by Bentoniteâ€ŽZeolite Mixture, Glycine Betaine, and <i>Bacillus amyloliquefaciens</i> in Terms of Plant Growth, Nutrient Content, Soil Properties, Yield, and Fruit Quality Characteristics. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8796.	1.3	7
38	Selenium uptake by rocket plants (<i>Eruca sativa</i>) grown in a calcareous soil as affected by Se species, Se rate and a seaweed extract-based biostimulant application. <i>Crop and Pasture Science</i> , 2022, 73, 850-861.	0.7	7
39	Micronutrient Content in Relation to Specific Leaf Area, Light Regime and Drenched-Applied Paclobutrazol in <i>Lantana Camara L.</i> <i>Current Agriculture Research Journal</i> , 2015, 3, 101-104.	0.3	6
40	Effects of Integrated and Organic Management on Strawberry (cv. Camarosa) Plant Growth, Nutrition, Fruit Yield, Quality, Nutraceutical Characteristics, and Soil Fertility Status. <i>Horticulturae</i> , 2022, 8, 184.	1.2	6
41	INFLUENCE OF TRIAZOLES ON LEAF MINERAL CONTENT OF LANTANA CAMARA SUBSP. CAMARA IN RELATION TO LIGHT REGIME. <i>Acta Horticulturae</i> , 2009, , 615-622.	0.1	5
42	Effects of Time and Glucose-C on the Fractionation of Zn and Cu in a Slightly Acidic Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 722-732.	0.6	5
43	Mepiquat chloride and shading effects on specific leaf area and K, P, Ca, Fe and Mn content of <i>Lantana camara L.</i> <i>Emirates Journal of Food and Agriculture</i> , 2015, 27, 121.	1.0	5
44	Characterization of multi-walled carbon nanotubes and application for Ni ²⁺ adsorption from aqueous solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 11623-11630.	1.0	5
45	Specific Leaf Area and Leaf Nitrogen Concentration of <i>Lantana</i> in Response to Light Regime and Triazole Treatment. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 2323-2331.	0.6	4
46	Beneficial Microorganisms for the Management of Soil Phosphorus. <i>Sustainable Agriculture Reviews</i> , 2018, , 53-75.	0.6	4
47	Enhanced As, Pb and Zn Uptake by <i>Helianthus annuus</i> from a Heavily Contaminated Mining Soil Amended with EDTA and Olive Mill Wastewater Due to Increased Element Mobilization, as Verified by Sequential Extraction Schemes. <i>Environments - MDPI</i> , 2022, 9, 61.	1.5	4
48	Selenium Uptake by Lettuce Plants and Se Distribution in Soil Chemical Phases Affected by the Application Rate and the Presence of a Seaweed Extract-Based Biostimulant. <i>Soil Systems</i> , 2022, 6, 56.	1.0	4
49	Iron oxides in four Red Mediterranean soils on metarhyolite and metadolerite in Kilkis, Greece. <i>Archives of Agronomy and Soil Science</i> , 2008, 54, 227-235.	1.3	3
50	Spatial distribution of nutrients and morpho-physiological indicators of salinity tolerance among five olive cultivars - The use of relative nutrient concentration as an efficient tolerance index. <i>Journal of Plant Nutrition</i> , 2019, 42, 2269-2286.	0.9	3
51	Detailed Soil Survey Field and Laboratory Data as a Critical Tool for Optimizing the Arable Cropping Capability Evaluation of a Representative Episaturated Soil Pedon in Greece. <i>Land</i> , 2022, 11, 182.	1.2	2
52	The Origin of Nickel in Soils. , 2018, , 105-128.		1