

# Dionisios Gasparatos

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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         |
| 2  | 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         |
| 3  | 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        |
| 4  | 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         |
| 5  | Soil Contamination by Heavy Metals and Metalloids. <i>Environments - MDPI</i> , 2022, 9, 32.   | 1.5 | 8         |
| 6  | 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         |
| 7  | 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         |
| 8  | 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        |
| 9  | 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         |
| 10 | 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         |
| 11 | Adsorption/Desorption Patterns of Selenium for Acid and Alkaline Soils of Xerothermic Environments. <i>Environments - MDPI</i> , 2020, 7, 72.  | 1.5 | 10        |
| 12 | 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        |
| 13 | 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         |
| 14 | 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         |
| 15 | 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        |
| 16 | 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         |
| 17 | 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        |
| 18 | The Effect of Granular Commercial Fertilizers Containing Elemental Sulfur on Wheat Yield under Mediterranean Conditions. <i>Plants</i> , 2019, 8, 2.   | 1.6 | 18        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | Predicting bulk density using pedotransfer functions for soils in the Upper Anthemountas basin, Greece. <i>Geoderma Regional</i> , 2018, 14, e00169.   | 0.9 | 17        |
| 21 | Topsoil pollution as ecological footprint of historical mining activities in Greece. <i>Land Degradation and Development</i> , 2018, 29, 2025-2035.  | 1.8 | 15        |
| 22 | 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        |
| 23 | Beneficial Microorganisms for the Management of Soil Phosphorus. <i>Sustainable Agriculture Reviews</i> , 2018, , 53-75.   | 0.6 | 4         |
| 24 | 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         |
| 25 | 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        |
| 26 | The Origin of Nickel in Soils. , 2018, , 105-128.  |     | 1         |
| 27 | 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        |
| 28 | Sustainable Management of Soil Phosphorus in a Changing World. , 2017, , 189-214.  |     | 11        |
| 29 | 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<br>3.8 22   | 1.0 | 5         |
| 30 | Characterization of multi-walled carbon nanotubes and application for Ni <sup>2+</sup> adsorption from aqueous solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 11623-11630.   | 1.0 | 5         |
| 31 | Mepiquat chloride and shading effects on specific leaf area and K, P, Ca, Fe and Mn content of <i>Lantana camara</i> L. <i>Emirates Journal of Food and Agriculture</i> , 2015, 27, 121.   | 1.0 | 5         |
| 32 | 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        |
| 33 | Micronutrient Content in Relation to Specific Leaf Area, Light Regime and Drenched-Applied Paclobutrazol in <i>Lantana Camara</i> L. <i>Current Agriculture Research Journal</i> , 2015, 3, 101-104.   | 0.3 | 6         |
| 34 | 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        |
| 35 | 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        |
| 36 | Sequestration of heavy metals from soil with Fe-Mn concretions and nodules. <i>Environmental Chemistry Letters</i> , 2013, 11, 1-9.  | 8.3 | 95        |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | 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         |
| 40 | 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        |
| 41 | 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        |
| 42 | 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        |
| 43 | 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         |
| 44 | Apple tree growth and overall fruit quality under organic and conventional orchard management. <i>Scientia Horticulturae</i> , 2009, 123, 247-252.   | 1.7 | 66        |
| 45 | 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         |
| 46 | Mineral nutrition of jojoba explants in vitro under sodium chloride salinity. <i>Scientia Horticulturae</i> , 2007, 114, 59-66.  | 1.7 | 26        |
| 47 | Specific Leaf Area and Leaf Nitrogen Concentration of Lantana in Response to Light Regime and Triazole Treatment. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 2323-2331.  | 0.6 | 4         |
| 48 | Sorption behavior of cesium on various soils under different pH levels. <i>Journal of Hazardous Materials</i> , 2007, 149, 553-556.  | 6.5 | 89        |
| 49 | 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        |
| 50 | Microscopic structure of soil Fe-Mn nodules: environmental implication. <i>Environmental Chemistry Letters</i> , 2005, 2, 175-178.   | 8.3 | 51        |
| 51 | 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        |
| 52 | 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        |