Nektarios Kavroulakis

List of Publications by Year
in descending order

47	1,391	331670 21	345221 36
papers	citations	h-index	g-index

49	49	49	1753
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of copper, silver and zinc nanoparticles against foliar and soil-borne plant pathogens. Science of the Total Environment, 2019, 670, 292-299.	8.0	170
2	Role of ethylene in the protection of tomato plants against soil-borne fungal pathogens conferred by an endophytic Fusarium solani strain. Journal of Experimental Botany, 2007, 58, 3853-3864.	4.8	146
3	Suppression of soil-borne pathogens of tomato by composts derived from agro-industrial wastes abundant in Mediterranean regions. Biology and Fertility of Soils, 2008, 44, 1081-1090.	4.3	81
4	Local and systemic resistance against fungal pathogens of tomato plants elicited by a compost derived from agricultural residues. Physiological and Molecular Plant Pathology, 2005, 66, 163-174.	2.5	67
5	Antagonistic bacteria of composted agro-industrial residues exhibit antibiosis against soil-borne fungal plant pathogens and protection of tomato plants from Fusarium oxysporum f.sp. radicis-lycopersici. Plant and Soil, 2010, 333, 233-247.	3.7	60
6	Bacterial Diversity in Spent Mushroom Compost Assessed by Amplified rDNA Restriction Analysis and Sequencing of Cultivated Isolates. Systematic and Applied Microbiology, 2004, 27, 746-754.	2.8	55
7	The Beneficial Endophytic Fungus Fusariumsolani Strain K Alters Tomato Responses Against Spider Mites to the Benefit of the Plant. Frontiers in Plant Science, 2018, 9, 1603.	3.6	54
8	Lotus japonicus Contains Two Distinct ENOD40 Genes That Are Expressed in Symbiotic, Nonsymbiotic, and Embryonic Tissues. Molecular Plant-Microbe Interactions, 2000, 13, 987-994.	2.6	53
9	Role of lupeol synthase in Lotus japonicus nodule formation. New Phytologist, 2011, 189, 335-346.	7.3	50
10	Synergy between Cu-NPs and fungicides against Botrytis cinerea. Science of the Total Environment, 2020, 703, 135557.	8.0	48
11	Ecophysiology and molecular phylogeny of bacteria isolated from alkaline two-phase olive mill wastes. Research in Microbiology, 2006, 157, 376-385.	2.1	47
12	Carbon Metabolism in Developing Soybean Root Nodules: The Role of Carbonic Anhydrase. Molecular Plant-Microbe Interactions, 2000, 13, 14-22.	2.6	40
13	Ultraviolet-B radiation or heat cause changes in photosynthesis, antioxidant enzyme activities and pollen performance in olive tree. Photosynthetica, 2015, 53, 279-287.	1.7	40
14	Lotus japonicus Gene Ljsbp Is Highly Conserved Among Plants and Animals and Encodes a Homologue to the Mammalian Selenium-Binding Proteins. Molecular Plant-Microbe Interactions, 2002, 15, 313-322.	2.6	38
15	Cytological and Other Aspects of Pathogenesis-related Gene Expression in Tomato Plants Grown on a Suppressive Compost. Annals of Botany, 2006, 98, 555-564.	2.9	37
16	Growth, photosynthetic performance and antioxidative response of 'Hass' and 'Fuerte' avocado (Persea americana Mill.) plants grown under high soil moisture. Photosynthetica, 2017, 55, 655-663.	1.7	33
17	Tomato Inoculation With the Endophytic Strain Fusarium solani K Results in Reduced Feeding Damage by the Zoophytophagous Predator Nesidiocoris tenuis. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	32
18	Bacterial and Î²-proteobacterial diversity in Olea europaea var. mastoidis- and O. europaea var. koroneiki-generated olive mill wastewaters: influence of cultivation and harvesting practice on bacterial community structure. World Journal of Microbiology and Biotechnology, 2011, 27, 57-66.	3.6	26

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19	Tolerance of tomato plants to water stress is improved by the root endophyte Fusarium solani FsK. Rhizosphere, 2018, 6, 77-85.	3.0	26
20	Use of silver nanoparticles to counter fungicide-resistance in Monilinia fructicola. Science of the Total Environment, 2020, 747, 141287.	8.0	26
21	Colonization of legumes by an endophytic Fusarium solani strain FsK reveals common features to symbionts or pathogens. Fungal Genetics and Biology, 2019, 127, 60-74.	2.1	24
22	Copper nanoparticles against benzimidazole-resistant Monilinia fructicola field isolates. Pesticide Biochemistry and Physiology, 2021, 173, 104796.	3.6	22
23	Genetic diversity of Barbary fig (Opuntia ficus-indica) collection in Greece with ISSR molecular markers. Plant Gene, 2015, 2, 29-33.	2.3	18
24	Characterization of Fungi Associated With Wood Decay of Tree Species and Grapevine in Greece. Plant Disease, 2017, 101, 1929-1940.	1.4	17
25	A Fusarium solani endophyte vs fungicides: Compatibility in a Fusarium oxysporum f.sp. radicis-lycopersici â€“ tomato pathosystem. Fungal Biology, 2018, 122, 1215-1221.	2.5	17
26	Metal nanoparticles: Phytotoxicity on tomato and effect on symbiosis with the Fusarium solani FsK strain. Science of the Total Environment, 2021, 787, 147606.	8.0	15
27	Zinc nanoparticles: Mode of action and efficacy against boscalid-resistant Alternaria alternata isolates. Science of the Total Environment, 2022, 829, 154638.	8.0	13
28	Fungicide resistance frequencies of Botrytis cinerea greenhouse isolates and molecular detection of a novel SDHI resistance mutation. Pesticide Biochemistry and Physiology, 2022, 183, 105058.	3.6	12
29	NeofusicoccumparvumandDiaporthe foeniculinaassociated with twig and shoot blight and branch canker of citrus in Greece. Journal of Phytopathology, 2019, 167, 527-537.	1.0	11
30	Differential susceptibility responses of Greek olive cultivars to Fomitiporia mediterranea. European Journal of Plant Pathology, 2019, 153, 1055-1066.	1.7	11
31	Arbuscular mycorrhizal fungus inocula from coastal sand dunes arrest olive cutting growth under salinity stress. Mycorrhiza, 2020, 30, 475-489.	2.8	10
32	Metal nanoparticles against fungicide resistance: alternatives or partners?. Pest Management Science, 2022, 78, 3953-3956.	3.4	10
33	Tissue distribution and subcellular localization of carbonic anhydrase in mature soybean root nodules indicates a role in CO2 diffusion. Plant Physiology and Biochemistry, 2003, 41, 479-484.	5.8	9
34	Use of beta-Glucuronidase Activity to Quantify the Growth of Fusarium oxysporum f. sp. radicis-lycopersici during Infection of Tomato. Journal of Phytopathology, 2005, 153, 325-332.	1.0	9
35	Nodulin PvNOD33, a putative phosphatase whose expression is induced during Phaseolus vulgaris nodule development. Plant Physiology and Biochemistry, 2003, 41, 719-725.	5.8	8
36	First Report of Avocado Sunblotch Viroid (ASBVd) Naturally Infecting Avocado (<i>Persea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (a	1.4	7

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37	Nutritional status of â€˜Hassâ€™ and â€˜Fuerteâ€™ avocado (Persea americana Mill.) plants subjected to high soil moisture. Journal of Plant Nutrition, 2020, 43, 327-334.	1.9	7
38	The Effect of Low Temperature on Physiological, Biochemical and Flowering Functions of Olive Tree in Relation to Genotype. Sustainability, 2020, 12, 10065.	3.2	7
39	Strong host-specific selection and over-dominance characterize arbuscular mycorrhizal fungal root colonizers of coastal sand dune plants of the Mediterranean region. FEMS Microbiology Ecology, 2021, 97, .	2.7	7
40	First Report of Fusarium oxysporum Causing Root and Crown Rot on Barbados Aloe in Greece. Plant Disease, 2015, 99, 1649-1649.	1.4	7
41	Characterization of cultivated fungi isolated from grape marc wastes through the use of amplified rDNA restriction analysis and sequencing. Journal of Microbiology, 2010, 48, 297-306.	2.8	6
42	First Report of Verticillium Wilt Caused by Verticillium dahliae on Avocado Trees in Greece. Plant Disease, 2014, 98, 1584-1584.	1.4	5
43	Occurrence of Leaf Spot Caused by Alternaria tenuissima on Aloe barbadensis in Greece. Plant Disease, 2016, 100, 1015-1015.	1.4	4
44	First Report of Diaporthe foeniculina Associated with Branch Canker of Avocado in Greece. Plant Disease, 2020, 104, 3057.	1.4	3
45	Occurrence of powdery mildew caused by Erysiphe betae on chard [Beta vulgaris L. subsp. cicla (L.) Koch] in Greece. Crop Protection, 2017, 99, 128-131.	2.1	2
46	First Report of Alternaria alternata Causing a Leaf Spot of Radicchio in Greece. Plant Disease, 2015, 99, 1867-1867.	1.4	1
47	Fungicide Resistance Frequencies of Botrytis Cinerea Greenhouse Isolates and Molecular Detection of a Novel Sdhi Resistance Mutation. SSRN Electronic Journal, 0, , .	0.4	0