

# Ifigeneia Mellidou

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,092  
citations

567281

15  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomic Fingerprinting and Molecular Characterization of the Rock Samphire Germplasm Collection from the Balkan Botanic Garden of Kroussia, Northern Greece. <i>Plants</i> , 2022, 11, 573.	3.5	8
2	Unlocking PGPR-Mediated Abiotic Stress Tolerance: What Lies Beneath. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	3.9	22
3	Decoding the potential of a new <i>Pseudomonas putida</i> strain for inducing drought tolerance of tomato ( <i>Solanum lycopersicum</i> ) plants through seed biopriming. <i>Journal of Plant Physiology</i> , 2022, 271, 153658.	3.5	13
4	Regulation of Vitamin C Accumulation for Improved Tomato Fruit Quality and Alleviation of Abiotic Stress. <i>Genes</i> , 2021, 12, 694.	2.4	39
5	A comprehensive RNA-Seq-based gene expression atlas of the summer squash ( <i>Cucurbita pepo</i> ) provides insights into fruit morphology and ripening mechanisms. <i>BMC Genomics</i> , 2021, 22, 341.	2.8	12
6	Comparative Transcriptomics and Metabolomics Reveal an Intricate Priming Mechanism Involved in PGPR-Mediated Salt Tolerance in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 713984.	3.6	46
7	Evaluation of parsley ( <i>Petroselinum crispum</i> ) germplasm diversity from the Greek Gene Bank using morphological, molecular and metabolic markers. <i>Industrial Crops and Products</i> , 2021, 170, 113767.	5.2	15
8	Harnessing Chlorophyll Fluorescence for Phenotyping Analysis of Wild and Cultivated Tomato for High Photochemical Efficiency under Water Deficit for Climate Change Resilience. <i>Climate</i> , 2021, 9, 154.	2.8	29
9	Utilization of Tomato Landraces to Improve Seedling Performance under Salt Stress. <i>Stresses</i> , 2021, 1, 238-252.	4.8	3
10	Silencing of ascorbate oxidase results in reduced growth, altered ascorbic acid levels and ripening pattern in melon fruit. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 291-303.	5.8	21
11	Plant growth promoting rhizobacteria isolated from halophytes and drought-tolerant plants: genomic characterisation and exploration of phyto-beneficial traits. <i>Scientific Reports</i> , 2020, 10, 14857.	3.3	99
12	Bacterial Communities in the Rhizosphere and Phyllosphere of Halophytes and Drought-Tolerant Plants in Mediterranean Ecosystems. <i>Microorganisms</i> , 2020, 8, 1708.	3.6	14
13	Exploring morpho-physiological profiles of a collection of tomato ( <i>Solanum lycopersicum</i> ) germplasm using multivariate statistics. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2020, 18, 88-97.	0.8	4
14	Antisense-mediated S-adenosyl-L-methionine decarboxylase silencing affects heat stress responses of tobacco plants. <i>Functional Plant Biology</i> , 2020, 47, 651.	2.1	14
15	Exploring genetic diversity of tomato ( <i>Solanum lycopersicum</i> L.) germplasm of genebank collection employing SSR and SCAR markers. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1295-1309.	1.6	22
16	Microsatellite genotyping and molecular screening of pea ( <i>Pisum sativum</i> L.) germplasm with high-resolution melting analysis for resistance to powdery mildew. <i>Plant Gene</i> , 2018, 15, 1-5.	2.3	8
17	Antioxidant Phytochemicals in Fresh Produce: Exploitation of Genotype Variation and Advancements in Analytical Protocols. <i>Frontiers in Chemistry</i> , 2018, 5, 95.	3.6	12
18	Underexpression of apoplasmic polyamine oxidase improves thermotolerance in <i>Nicotiana tabacum</i> . <i>Journal of Plant Physiology</i> , 2017, 218, 171-174.	3.5	38

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19	Genetic Control of Ascorbic Acid Biosynthesis and Recycling in Horticultural Crops. <i>Frontiers in Chemistry</i> , 2017, 5, 50.	3.6	72
20	Silencing S-Adenosyl-L-Methionine Decarboxylase (SAMDC) in <i>Nicotiana tabacum</i> Points at a Polyamine-Dependent Trade-Off between Growth and Tolerance Responses. <i>Frontiers in Plant Science</i> , 2016, 7, 379.	3.6	35
21	Expression analysis of candidate cell wall-related genes associated with changes in pectin biochemistry during postharvest apple softening. <i>Postharvest Biology and Technology</i> , 2016, 112, 176-185.	6.0	61
22	Transcriptomic events associated with internal browning of apple during postharvest storage. <i>BMC Plant Biology</i> , 2014, 14, 328.	3.6	76
23	Allelic Variation in Paralogs of GDP-l-Galactose Phosphorylase Is a Major Determinant of Vitamin C Concentrations in Apple Fruit. <i>Plant Physiology</i> , 2012, 160, 1613-1629.	4.8	81
24	Regulation of fruit ascorbic acid concentrations during ripening in high and low vitamin C tomato cultivars. <i>BMC Plant Biology</i> , 2012, 12, 239.	3.6	106
25	Considerations to prevent the breakdown and loss of fruit carotenoids during extraction and analysis in <i>Musa</i> . <i>Journal of Chromatography A</i> , 2009, 1216, 5759-5762.	3.7	15
26	Expression profiling of ascorbic acid-related genes during tomato fruit development and ripening and in response to stress conditions. <i>Journal of Experimental Botany</i> , 2009, 60, 663-678.	4.8	222