

# Eleni P Giannoutsou

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

394  
citations

567281

15  
h-index

794594

19  
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23  
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23  
docs citations

23  
times ranked

472  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel improved method for <i>Aspergillus nidulans</i> transformation. <i>Journal of Microbiological Methods</i> , 2003, 55, 687-695.	1.6	69
2	Bioaerosol detection over Athens, Greece using the laser induced fluorescence technique. <i>Science of the Total Environment</i> , 2019, 696, 133906.	8.0	33
3	Local differentiation of cell wall matrix polysaccharides in sinuous pavement cells: its possible involvement in the flexibility of cell shape. <i>Plant Biology</i> , 2018, 20, 223-237.	3.8	29
4	Spatio-temporal diversification of the cell wall matrix materials in the developing stomatal complexes of <i>Zea mays</i> . <i>Planta</i> , 2016, 244, 1125-1143.	3.2	25
5	Diversity of streptomycetes among specific Greek terrestrial ecosystems. <i>Letters in Applied Microbiology</i> , 1999, 29, 48-51.	2.2	24
6	Early local differentiation of the cell wall matrix defines the contact sites in lobed mesophyll cells of <i>Zea mays</i> . <i>Annals of Botany</i> , 2013, 112, 1067-1081.	2.9	24
7	Chromium recycling of tannery waste through microbial fermentation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2004, 31, 57-62.	3.0	22
8	Cell Wall Modifications in Giant Cells Induced by the Plant Parasitic Nematode <i>Meloidogyne incognita</i> in Wild-Type (Col-0) and the fra2 <i>Arabidopsis thaliana</i> Katanin Mutant. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5465.	4.1	22
9	Formation of an endoplasmic reticulum ring associated with acetylated microtubules in the angiosperm preprophase band. <i>Cytoskeleton</i> , 2012, 69, 252-265.	2.0	20
10	The intracellular and intercellular cross-talk during subsidiary cell formation in <i>Zea mays</i> : existing and novel components orchestrating cell polarization and asymmetric division. <i>Annals of Botany</i> , 2018, 122, 679-696.	2.9	19
11	Prevalence of tetracycline resistance genes in Greek seawater habitats. <i>Journal of Microbiology</i> , 2008, 46, 633-640.	2.8	18
12	Auxin as an inducer of asymmetrical division generating the subsidiary cells in stomatal complexes of <i>Zea mays</i> . <i>Plant Signaling and Behavior</i> , 2015, 10, e984531.	2.4	18
13	Cell wall matrix polysaccharide distribution and cortical microtubule organization: two factors controlling mesophyll cell morphogenesis in land plants. <i>Annals of Botany</i> , 2016, 117, 401-419.	2.9	18
14	Actin filament-organized local cortical endoplasmic reticulum aggregations in developing stomatal complexes of grasses. <i>Protoplasma</i> , 2011, 248, 373-390.	2.1	16
15	Callose and homogalacturonan epitope distribution in stomatal complexes of <i>Zea mays</i> and <i>Vigna sinensis</i> . <i>Protoplasma</i> , 2020, 257, 141-156.	2.1	16
16	Protein increase and lysine production by a <i>Paecilomyces variotii</i> strain grown on two-phase olive mill waste. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 849-856.	3.6	7
17	The Nematicidal Potential of Bioactive <i>Streptomyces</i> Strains Isolated from Greek Rhizosphere Soils Tested on <i>Arabidopsis</i> Plants of Varying Susceptibility to <i>Meloidogyne</i> spp.. <i>Plants</i> , 2020, 9, 699.	3.5	4
18	Callose: a multifunctional (1, 3)- $\beta$ -D-glucan involved in morphogenesis and function of angiosperm stomata. <i>Journal of Biological Research</i> , 2021, 28, 17.	2.1	3

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19	Polarized endoplasmic reticulum aggregations in the establishing division plane of protodermal cells of the fern <i>Asplenium nidus</i> . <i>Protoplasma</i> , 2015, 252, 181-198.	2.1	2
20	De-Esterified Homogalacturonan Enrichment of the Cell Wall Region Adjoining the Preprophase Cortical Cytoplasmic Zone in Some Protodermal Cell Types of Three Land Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 81.	4.1	2
21	PIN1 auxin efflux carrier absence in <i>Meloidogyne incognita</i> -induced root-knots of tomato plants. <i>European Journal of Plant Pathology</i> , 2021, 161, 987.	1.7	1
22	The Stomata of the Katanin Mutants, <i>fra2</i> , <i>lue1</i> and <i>bot1</i> . <i>Biology and Life Sciences Forum</i> , 2020, 4, .	0.6	1
23	The Role of PME2 and PME3 in <i>Arabidopsis</i> Stomatal Development and Morphology. <i>Plant Physiology</i> , 2021, 11, .		1