

Evangelia Chronopoulou

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

554
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840119

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docs citations

20
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant glutathione transferase-mediated stress tolerance: functions and biotechnological applications. <i>Plant Cell Reports</i> , 2017, 36, 791-805.	2.8	178
2	Glutathione Transferases: Emerging Multidisciplinary Tools in Red and Green Biotechnology. <i>Recent Patents on Biotechnology</i> , 2009, 3, 211-223.	0.4	53
3	Catalytic and structural diversity of the fluzafop-inducible glutathione transferases from <i>Phaseolus vulgaris</i> . <i>Planta</i> , 2012, 235, 1253-1269.	1.6	42
4	Growth, Physiological, Biochemical, and Transcriptional Responses to Drought Stress in Seedlings of <i>Medicago sativa</i> L., <i>Medicago arborea</i> L. and Their Hybrid (<i>Alborea</i>). <i>Agronomy</i> , 2019, 9, 38.	1.3	37
5	Catalytic features and crystal structure of a tau class glutathione transferase from <i>Glycine max</i> specifically upregulated in response to soybean mosaic virus infections. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 166-177.	1.1	35
6	Heterologous production of extreme alkaline thermostable NAD ⁺ -dependent formate dehydrogenase with wide-range pH activity from <i>Myceliophthora thermophila</i> . <i>Process Biochemistry</i> , 2017, 61, 110-118.	1.8	33
7	Cloning and Characterization of a Biotic-Stress-Inducible Glutathione Transferase from <i>Phaseolus vulgaris</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 595-609.	1.4	28
8	Plant Glutathione Transferases in Abiotic Stress Response and Herbicide Resistance. , 2017, , 215-233.		23
9	Inhibition of human glutathione transferases by pesticides: Development of a simple analytical assay for the quantification of pesticides in water. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 81, 43-51.	1.8	22
10	Site-saturation Mutagenesis: A Powerful Tool for Structure-Based Design of Combinatorial Mutation Libraries. <i>Current Protocols in Protein Science</i> , 2011, 63, Unit 26.6.	2.8	17
11	The glutathione transferase family of <i>Chlamydomonas reinhardtii</i> : Identification and characterization of novel sigma class-like enzymes. <i>Algal Research</i> , 2017, 24, 237-250.	2.4	16
12	Tolerance of Transplastomic Tobacco Plants Overexpressing a Theta Class Glutathione Transferase to Abiotic and Oxidative Stresses. <i>Frontiers in Plant Science</i> , 2018, 9, 1861.	1.7	13
13	Structure and Antioxidant Catalytic Function of Plant Glutathione Transferases. <i>Current Chemical Biology</i> , 2011, 5, 64-74.	0.2	11
14	Structure-based design and application of a nucleotide coenzyme mimetic ligand: Application to the affinity purification of nucleotide dependent enzymes. <i>Journal of Chromatography A</i> , 2018, 1535, 88-100.	1.8	11
15	Plant Glutathione Transferases: Structure, Antioxidant Catalytic Function and in planta Protective Role in Biotic and Abiotic Stress. <i>Current Chemical Biology</i> , 2015, 8, 58-75.	0.2	10
16	Structure, Evolution and Functional Roles of Plant Glutathione Transferases. , 2017, , 195-213.		9
17	Delineation of the functional and structural properties of the glutathione transferase family from the plant pathogen <i>Erwinia carotovora</i> . <i>Functional and Integrative Genomics</i> , 2019, 19, 1-12.	1.4	8
18	Evaluation of the Nutraceutical and Cosmeceutical Potential of Two Cultivars of <i>Rubus fruticosus</i> L. under Different Cultivation Conditions. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 890-899.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Synthesis and Application of Dye-Ligand Affinity Adsorbents. <i>Methods in Molecular Biology</i> , 2014, 1129, 263-276.	0.4	3
20	Functional and Catalytic Characterization of the Detoxifying Enzyme Haloalkane Dehalogenase from <i>Rhizobium leguminosarum</i> . <i>Protein and Peptide Letters</i> , 2017, 24, 599-608.	0.4	0