

Yuval Eshdat

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,418
citations

394421

19
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant glutathione peroxidases. <i>Physiologia Plantarum</i> , 1997, 100, 234-240.	5.2	225
2	Isolation of a mannose-specific lectin from <i>Escherichia coli</i> and its role in the adherence of the bacteria to epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1978, 85, 1551-1559.	2.1	183
3	Plant glutathione peroxidases. <i>Physiologia Plantarum</i> , 1997, 100, 234-240.	5.2	138
4	Molecular characterization of salt-stress-associated protein in citrus: protein and cDNA sequence homology to mammalian glutathione peroxidases. <i>Plant Molecular Biology</i> , 1993, 21, 923-927.	3.9	133
5	A stress-associated citrus protein is a distinct plant phospholipid hydroperoxide glutathione peroxidase. <i>FEBS Letters</i> , 1995, 366, 151-155.	2.8	81
6	Substituting Selenocysteine for Catalytic Cysteine 41 Enhances Enzymatic Activity of Plant Phospholipid Hydroperoxide Glutathione Peroxidase Expressed in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 28715-28721.	3.4	74
7	Regulation of stress-induced phospholipid hydroperoxide glutathione peroxidase expression in citrus. <i>Planta</i> , 1999, 209, 469-477.	3.2	63
8	Drought, heat and salt stress induce the expression of a citrus homologue of an atypical late-embryogenesis <i>Lea5</i> gene. <i>Plant Molecular Biology</i> , 1995, 27, 619-622.	3.9	53
9	Glutathione Peroxidase Regulation of Reactive Oxygen Species Level is Crucial for In Vitro Plant Differentiation. <i>Plant and Cell Physiology</i> , 2010, 51, 1151-1162.	3.1	53
10	Isolation and characterization of salt-associated protein in Citrus. <i>Plant Science</i> , 1993, 88, 129-140.	3.6	49
11	Bacterial Adherence to Cell Surface Sugars. <i>Novartis Foundation Symposium</i> , 1981, 80, 119-141.	1.1	49
12	The identification by X-ray crystallography of the site of attachment of an affinity label to hen egg-white lysozyme. <i>Journal of Molecular Biology</i> , 1973, 75, 1-4.	4.2	41
13	Regeneration of <i>Aloe arborescens</i> via somatic organogenesis from young inflorescences. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 83, 293-301.	2.3	33
14	Identification of Aspartic Acid 52 as the Point of Attachment of an Affinity Label in Hen Egg White Lysozyme. <i>Journal of Biological Chemistry</i> , 1973, 248, 5892-5898.	3.4	31
15	A novel plant glutathione peroxidase-like protein provides tolerance to oxygen radicals generated by paraquat in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 1994, 337, 52-55.	2.8	29
16	Modification of photosynthetic regulation in tomato overexpressing glutathione peroxidase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 108-118.	2.4	29
17	Cysteine is the presumed catalytic residue of Citrus <i>sinensis</i> phospholipid hydroperoxide glutathione peroxidase over-expressed under salt stress. <i>Physiologia Plantarum</i> , 1998, 104, 741-746.	5.2	28
18	DNA Transfer and Gene Expression in Transgenic Grapes. <i>Biotechnology and Genetic Engineering Reviews</i> , 1998, 15, 365-386.	6.2	26

#	ARTICLE	IF	CITATIONS
19	Correlation of Glutathione Peroxidase to Paraquat/Oxidative Stress Resistance in Conyza Determined by Direct Fluorometric Assay. <i>Pesticide Biochemistry and Physiology</i> , 2000, 66, 182-194.	3.6	22
20	Immunological studies of affinity labelled hen egg-white lysozyme and of the active site region of related lysozymes. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1972, 278, 243-249.	1.7	18
21	Induction of a gene encoding an oleosin homologue in cultured citrus cells exposed to salt stress. <i>Gene</i> , 1995, 161, 171-173.	2.2	15
22	Comparative Studies of the Active Site Region of Lysozymes from Eleven Different Sources. <i>Israel Journal of Chemistry</i> , 1974, 12, 591-603.	2.3	13
23	Aloe vera transformation: the role of Amberlite XAD-4 resin and antioxidants during selection and regeneration. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2010, 46, 477-484.	2.1	9
24	[33] <i>Escherichia coli</i> surface lectins. <i>Methods in Enzymology</i> , 1982, 83, 386-391.	1.0	8
25	Affinity Labeling of Lysozyme. , 1974, , 195-218.		8
26	[44] Lysozyme. <i>Methods in Enzymology</i> , 1977, 46, 403-414.	1.0	7