

Alexandra Mant

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,360
citations

361413

20
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1539
citing authors

#	ARTICLE	IF	CITATIONS
1	Three Isoforms of Isoamylase Contribute Different Catalytic Properties for the Debranching of Potato Glucans[W]. <i>Plant Cell</i> , 2003, 15, 133-149.	6.6	161
2	BUNDLE SHEATH DEFECTIVE2, a Novel Protein Required for Post-Translational Regulation of the <i>rbcl</i> Gene of Maize. <i>Plant Cell</i> , 1999, 11, 849-864.	6.6	149
3	̂-Glucan, water dikinase (GWD): A plastidic enzyme with redox-regulated and coordinated catalytic activity and binding affinity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1785-1790.	7.1	131
4	Distinct Albino3-dependent and -independent Pathways for Thylakoid Membrane Protein Insertion. <i>Journal of Biological Chemistry</i> , 2001, 276, 40841-40846.	3.4	80
5	Functional Characterization of Recombinant Chloroplast Signal Recognition Particle. <i>Journal of Biological Chemistry</i> , 2001, 276, 27778-27786.	3.4	70
6	A Monomeric, Tightly Folded Stromal Intermediate on the pH -dependent Thylakoidal Protein Transport Pathway. <i>Journal of Biological Chemistry</i> , 1995, 270, 1663-1669.	3.4	67
7	Arabidopsis VARIEGATED 3 encodes a chloroplast-targeted, zinc-finger protein required for chloroplast and palisade cell development. <i>Journal of Cell Science</i> , 2004, 117, 4807-4818.	2.0	65
8	Multiple pathways for the targeting of thylakoid proteins in chloroplasts. <i>Plant Molecular Biology</i> , 1998, 38, 209-221.	3.9	58
9	PSI-O, a new 10-kDa subunit of eukaryotic photosystem I. <i>FEBS Letters</i> , 2002, 510, 145-148.	2.8	52
10	The pathway of cross-presentation is influenced by the particle size of phagocytosed antigen. <i>Immunology</i> , 2012, 136, 163-175.	4.4	52
11	Determination of the unfrozen water content of maximally freeze-concentrated carbohydrate solutions. <i>International Journal of Biological Macromolecules</i> , 1993, 15, 227-232.	7.5	50
12	Insertion of Psak into the Thylakoid Membrane in a Horseshoe-Conformation Occurs in the Absence of Signal Recognition Particle, Nucleoside Triphosphates, or Functional Albino3. <i>Journal of Biological Chemistry</i> , 2001, 276, 36200-36206.	3.4	50
13	Targeting of proteins into and across the thylakoid membrane. <i>Trends in Plant Science</i> , 1997, 2, 431-437.	8.8	49
14	Polymer microarrays: Identification of substrates for phagocytosis assays. <i>Biomaterials</i> , 2006, 27, 5299-5306.	11.4	40
15	Distinct Assisted and Spontaneous Mechanisms for the Insertion of Polytopic Chlorophyll-binding Proteins into the Thylakoid Membrane. <i>Journal of Biological Chemistry</i> , 1999, 274, 4715-4721.	3.4	39
16	Sec/SRP-independent insertion of two thylakoid membrane proteins bearing cleavable signal peptides. <i>FEBS Letters</i> , 1998, 424, 105-108.	2.8	38
17	Identification of an Arabidopsis inorganic pyrophosphatase capable of being imported into chloroplasts. <i>FEBS Letters</i> , 2004, 565, 101-105.	2.8	30
18	Dual Signal Peptides Mediate the Signal Recognition Particle/Sec-independent Insertion of a Thylakoid Membrane Polyprotein, PsbY. <i>Journal of Biological Chemistry</i> , 1999, 274, 4059-4066.	3.4	29

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19	Characterisation of an Arabidopsis cDNA encoding a thylakoid lumen protein related to a novel 'pentapeptide repeat' family of proteins. FEBS Letters, 1998, 428, 241-244.	2.8	26
20	An Arabidopsis cDNA encodes an apparent polyprotein of two non-identical thylakoid membrane proteins that are associated with photosystem II and homologous to algal cyf32 open reading frames. FEBS Letters, 1998, 423, 183-188.	2.8	23
21	Protein Kinase A Is Central for Forward Transport of Two-pore Domain Potassium Channels K2P3.1 and K2P9.1. Journal of Biological Chemistry, 2011, 286, 14110-14119.	3.4	21
22	N-Glycosylation-dependent Control of Functional Expression of Background Potassium Channels K2P3.1 and K2P9.1. Journal of Biological Chemistry, 2013, 288, 3251-3264.	3.4	20
23	The Properties of the Positively Charged Loop Region in PSI-G Are Essential for Its 'Spontaneous' Insertion into Thylakoids and Rapid Assembly into the Photosystem I Complex. Journal of Biological Chemistry, 2006, 281, 10548-10554.	3.4	17
24	Insertion of the plant photosystem I subunit G into the thylakoid membrane. FEBS Journal, 2005, 272, 4002-4010.	4.7	13
25	Conformation of a Purified 'Spontaneously' Inserting Thylakoid Membrane Protein Precursor in Aqueous Solvent and Detergent Micelles. Journal of Biological Chemistry, 2001, 276, 14607-14613.	3.4	9
26	Characterisation of an Arabidopsis thaliana cDNA encoding a novel thylakoid lumen protein imported by the pH -dependent pathway. Planta, 1999, 207, 624-627.	3.2	7
27	Bone marrow transplantation for MHC class I deficiency corrects T-cell immunity but dissociates natural killer cell repertoire formation from function. Journal of Allergy and Clinical Immunology, 2016, 138, 1733-1736.e2.	2.9	7
28	Acid sensitive background potassium channels K2P3.1 and K2P9.1 undergo rapid dynamin-dependent endocytosis. Channels, 2013, 7, 288-292.	2.8	4
29	Multiple pathways for the targeting of thylakoid proteins in chloroplasts. , 1998, , 209-221.		3