

Annie Frelet-Barrand

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

7,929
citations

686830

13
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

13512
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	The plant multidrug resistance ABC transporter AtMRP5 is involved in guard cell hormonal signalling and water use. <i>Plant Journal</i> , 2003, 33, 119-129.	2.8	185
3	The Arabidopsis ATP-binding Cassette Protein AtMRP5/AtABCC5 Is a High Affinity Inositol Hexakisphosphate Transporter Involved in Guard Cell Signaling and Phytate Storage. <i>Journal of Biological Chemistry</i> , 2009, 284, 33614-33622.	1.6	177
4	The ATP Binding Cassette Transporter AtMRP5 Modulates Anion and Calcium Channel Activities in Arabidopsis Guard Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 1916-1924.	1.6	117
5	Heterologous Expression of Membrane Proteins: Choosing the Appropriate Host. <i>PLoS ONE</i> , 2011, 6, e29191.	1.1	109
6	Insight in eukaryotic ABC transporter function by mutation analysis. <i>FEBS Letters</i> , 2006, 580, 1064-1084.	1.3	73
7	Comparative Mutant Analysis of Arabidopsis ABCC-Type ABC Transporters: AtMRP2 Contributes to Detoxification, Vacuolar Organic Anion Transport and Chlorophyll Degradation. <i>Plant and Cell Physiology</i> , 2008, 49, 557-569.	1.5	66
8	HMA1 and PAA1, two chloroplast-envelope PIB-ATPases, play distinct roles in chloroplast copper homeostasis. <i>Journal of Experimental Botany</i> , 2014, 65, 1529-1540.	2.4	60
9	The NOS-like protein from the microalgae <i>Ostreococcus tauri</i> is a genuine and ultrafast NO-producing enzyme. <i>Plant Science</i> , 2017, 265, 100-111.	1.7	43
10	<i>Lactococcus lactis</i> , an Alternative System for Functional Expression of Peripheral and Intrinsic Arabidopsis Membrane Proteins. <i>PLoS ONE</i> , 2010, 5, e8746.	1.1	33
11	Membrane Protein Expression in <i>Lactococcus lactis</i> . <i>Methods in Molecular Biology</i> , 2010, 601, 67-85.	0.4	23
12	High-Chloride Concentrations Abolish the Binding of Adenine Nucleotides in the Mitochondrial ADP/ATP Carrier Family. <i>Biophysical Journal</i> , 2009, 97, L25-L27.	0.2	20
13	Expression of a chloroplast ATP/ADP transporter in <i>E. coli</i> membranes: Behind the Mystic strategy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2059-2066.	1.4	18
14	Ectopic Neo-Formed Intracellular Membranes in <i>Escherichia coli</i> : A Response to Membrane Protein-Induced Stress Involving Membrane Curvature and Domains. <i>Biomolecules</i> , 2018, 8, 88.	1.8	13
15	Oligomeric Status and Nucleotide Binding Properties of the Plastid ATP/ADP Transporter 1: Toward a Molecular Understanding of the Transport Mechanism. <i>PLoS ONE</i> , 2012, 7, e32325.	1.1	9
16	<i>Lactococcus lactis</i> , an Attractive Cell Factory for the Expression of Functional Membrane Proteins. <i>Biomolecules</i> , 2022, 12, 180.	1.8	7
17	<i>Lactococcus lactis</i> is an Efficient Expression System for Mammalian Membrane Proteins Involved in Liver Detoxification, CYP3A4, and MGST1. <i>Molecular Biotechnology</i> , 2016, 58, 299-310.	1.3	6
18	<i>Lactococcus lactis</i> : Recent Developments in Functional Expression of Membrane Proteins. , 2014, , 107-132.		4

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19	Membrane Protein Production in <i>Lactococcus lactis</i> for Functional Studies. <i>Methods in Molecular Biology</i> , 2016, 1432, 79-101.	0.4	2
20	Optical Spectroscopy Methods to Monitor Cells and Bacteria Concentrations and to Detect Contamination During Cell Culture: Application to the Fabrication of ATMPs. <i>Communications in Computer and Information Science</i> , 2021, , 53-75.	0.4	2
21	Functional Expression of Plant Membrane Proteins in <i>Lactococcus lactis</i> . <i>Methods in Molecular Biology</i> , 2015, 1258, 147-165.	0.4	1