

Annie Frelet-Barrand

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

4,424
citations

13
h-index

21
g-index

21
ext. papers

6,279
ext. citations

4.3
avg, IF

3.49
L-index

#	Paper	IF	Citations
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	0.3	0
19	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	16.4	3642
18	Ectopic Neo-Formed Intracellular Membranes in : A Response to Membrane Protein-Induced Stress Involving Membrane Curvature and Domains. <i>Biomolecules</i> , 2018 , 8,	5.9	8
17	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	5.3	27
16	<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	3	5
15	Membrane Protein Production in <i>Lactococcus lactis</i> for Functional Studies. <i>Methods in Molecular Biology</i> , 2016 , 1432, 79-101	1.4	2
14	Functional expression of plant membrane proteins in <i>Lactococcus lactis</i> . <i>Methods in Molecular Biology</i> , 2015 , 1258, 147-65	1.4	1
13	HMA1 and PAA1, two chloroplast-envelope PIB-ATPases, play distinct roles in chloroplast copper homeostasis. <i>Journal of Experimental Botany</i> , 2014 , 65, 1529-40	7	50
12	<i>Lactococcus lactis</i> : Recent Developments in Functional Expression of Membrane Proteins 2014 , 107-132		3
11	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	3.7	7
10	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, 2059-66	3.8	17
9	Heterologous expression of membrane proteins: choosing the appropriate host. <i>PLoS ONE</i> , 2011 , 6, e29191	3.7	94
8	<i>Lactococcus lactis</i> , an alternative system for functional expression of peripheral and intrinsic <i>Arabidopsis</i> membrane proteins. <i>PLoS ONE</i> , 2010 , 5, e8746	3.7	31
7	Membrane protein expression in <i>Lactococcus lactis</i> . <i>Methods in Molecular Biology</i> , 2010 , 601, 67-85	1.4	20
6	The <i>Arabidopsis</i> 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, 33614-22	5.4	145
5	High-chloride concentrations abolish the binding of adenine nucleotides in the mitochondrial ADP/ATP carrier family. <i>Biophysical Journal</i> , 2009 , 97, L25-7	2.9	16
4	Comparative mutant analysis of <i>Arabidopsis</i> ABCC-type ABC transporters: AtMRP2 contributes to detoxification, vacuolar organic anion transport and chlorophyll degradation. <i>Plant and Cell Physiology</i> , 2008 , 49, 557-69	4.9	55

3	The ATP binding cassette transporter AtMRP5 modulates anion and calcium channel activities in Arabidopsis guard cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 1916-24	5.4	92
2	Insight in eukaryotic ABC transporter function by mutation analysis. <i>FEBS Letters</i> , 2006 , 580, 1064-84	3.8	62
1	The plant multidrug resistance ABC transporter AtMRP5 is involved in guard cell hormonal signalling and water use. <i>Plant Journal</i> , 2003 , 33, 119-29	6.9	146