

Cyrille Forestier

List of Publications by Year in descending order

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31
papers

4,131
citations

331670

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434195

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docs citations

32
times ranked

4470
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial Inventory of ABCB and ABCC Transporter Genes Responding to Cadmium and Zinc Contamination in Zebrafish <i>Danio Rerio</i> . , 2014, 05, .		0
2	Characterization of <i>Coptis japonica</i> CjABCB2, an ATP-binding cassette protein involved in alkaloid transport. <i>Phytochemistry</i> , 2013, 91, 109-116.	2.9	71
3	A Common Highly Conserved Cadmium Detoxification Mechanism from Bacteria to Humans. <i>Journal of Biological Chemistry</i> , 2009, 284, 4936-4943.	3.4	95
4	AtMRP6/AtABCC6, an ATP-Binding Cassette transporter gene expressed during early steps of seedling development and up-regulated by cadmium in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2008, 8, 22.	3.6	75
5	Plant ABC proteins – a unified nomenclature and updated inventory. <i>Trends in Plant Science</i> , 2008, 13, 151-159.	8.8	652
6	The ATP Binding Cassette Transporter AtMRP5 Modulates Anion and Calcium Channel Activities in <i>Arabidopsis</i> Guard Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 1916-1924.	3.4	117
7	Transport of antimony salts by <i>Arabidopsis thaliana</i> protoplasts over-expressing the human multidrug resistance-associated protein 1 (MRP1/ABCC1). <i>FEBS Letters</i> , 2006, 580, 6891-6897.	2.8	9
8	Chloroplast targeting of phytochelatin synthase in <i>Arabidopsis</i> : effects on heavy metal tolerance and accumulation. <i>Biochimie</i> , 2006, 88, 1743-1750.	2.6	61
9	Genome-wide transcriptome profiling of the early cadmium response of <i>Arabidopsis</i> roots and shoots. <i>Biochimie</i> , 2006, 88, 1751-1765.	2.6	335
10	Metal(loid)s and radionuclides cytotoxicity in <i>Saccharomyces cerevisiae</i> . Role of YCF1, glutathione and effect of buthionine sulfoximine. <i>Biochimie</i> , 2006, 88, 1651-1663.	2.6	32
11	Molecular characterization of three <i>Arabidopsis</i> soluble ABC proteins which expression is induced by sugars. <i>Plant Science</i> , 2006, 171, 84-90.	3.6	14
12	Heavy metal transport by AtHMA4 involves the N-terminal degenerated metal binding domain and the C-terminal His11 stretch. <i>FEBS Letters</i> , 2005, 579, 1515-1522.	2.8	106
13	Inventory and Comparative Analysis of Rice and <i>Arabidopsis</i> ATP-binding Cassette (ABC) Systems. <i>Journal of Molecular Biology</i> , 2004, 343, 249-265.	4.2	160
14	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.	5.7	185
15	Engineering tolerance and accumulation of lead and cadmium in transgenic plants. <i>Nature Biotechnology</i> , 2003, 21, 914-919.	17.5	381
16	Differential sensitivity of plant and yeast MRP (ABCC)-mediated organic anion transport processes towards sulfonylureas. <i>FEBS Letters</i> , 2003, 554, 23-29.	2.8	16
17	Involvement of CjMDR1, a plant multidrug-resistance-type ATP-binding cassette protein, in alkaloid transport in <i>Coptis japonica</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 751-756.	7.1	256
18	Multifunctionality of plant ABC transporters – more than just detoxifiers. <i>Planta</i> , 2002, 214, 345-355.	3.2	394

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19	Heavy metal toxicity: cadmium permeates through calcium channels and disturbs the plant water status. <i>Plant Journal</i> , 2002, 32, 539-548.	5.7	665
20	Antibodies to the CFTR modulate the turgor pressure of guard cell protoplasts via slow anion channels. <i>FEBS Letters</i> , 2001, 494, 15-18.	2.8	14
21	The <i>Arabidopsis thaliana</i> ABC transporter AtMRP5 controls root development and stomata movement. <i>EMBO Journal</i> , 2001, 20, 1875-1887.	7.8	206
22	ATP Binding Cassette Modulators Control Abscisic Acid-Regulated Slow Anion Channels in Guard Cells. <i>Plant Cell</i> , 1999, 11, 1141.	6.6	1
23	ATP Binding Cassette Modulators Control Abscisic Acid-Regulated Slow Anion Channels in Guard Cells. <i>Plant Cell</i> , 1999, 11, 1141-1151.	6.6	76
24	Pharmacological properties of slow anion currents in intact guard cells of <i>Arabidopsis</i> . Application of the discontinuous single-electrode voltage-clamp to different species. <i>Pflügers Archiv European Journal of Physiology</i> , 1998, 436, 920-927.	2.8	38
25	Cloning of AtMRP1, an <i>Arabidopsis thaliana</i> cDNA encoding a homologue of the mammalian multidrug resistance-associated protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1369, 7-13.	2.6	13
26	Evidence for the existence of a sulfonyleurea-receptor-like protein in plants: Modulation of stomatal movements and guard cell potassium channels by sulfonyleureas and potassium channel openers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 14156-14161.	7.1	63
27	Mechanism of action of K channel openers on skeletal muscle KATP channels. Interactions with nucleotides and protons.. <i>Journal of General Physiology</i> , 1996, 107, 489-502.	1.9	26
28	A reassessment of the intervention of calmodulin in the regulation of stomatal movement. <i>Physiologia Plantarum</i> , 1996, 98, 619-628.	5.2	13
29	A reassessment of the intervention of calmodulin in the regulation of stomatal movement. <i>Physiologia Plantarum</i> , 1996, 98, 619-628.	5.2	12
30	Modification by protons of frog skeletal muscle KATP channels: effects on ion conduction and nucleotide inhibition.. <i>Journal of Physiology</i> , 1995, 486, 629-645.	2.9	34
31	Intracellular protons control the affinity of skeletal muscle ATP-sensitive K ⁺ channels for potassium-channel-openers. <i>FEBS Letters</i> , 1993, 325, 276-280.	2.8	10