Halina Dziubinska

List of Publications by Year
in descending order

33 papers	783 citations	623188 14 h-index	525886 27 g-index
33 all docs	33 docs citations	33 times ranked	752 citing authors

#	Article	IF	Citations
1	Functional Analyses of the Two Distinctive Types of Two-Pore Channels and the Slow Vacuolar Channel in <i>Marchantia polymorpha</i>. Plant and Cell Physiology, 2022, 63, 163-175.	1.5	8
2	The Role of SV Ion Channels Under the Stress of Mycotoxins Induced in Wheat Cellsâ€"Protective Action of Selenium Ions. Journal of Plant Growth Regulation, 2019, 38, 1255-1259.	2.8	3
3	The role of vacuolar ion channels in salt stress tolerance in the liverwort Conocephalum conicum. Acta Physiologiae Plantarum, 2019, 41, 1.	1.0	8
4	Vacuolar ion channels in the liverwort Marchantia polymorpha: influence of ion channel inhibitors. Planta, 2017, 245, 1049-1060.	1.6	9
5	Generation of action potential-type changes in response to darkening and illumination as indication of the plasma membrane proton pump status in Marchantia polymorpha. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	8
6	Osmotic and Salt Stresses Modulate Spontaneous and Glutamate-Induced Action Potentials and Distinguish between Growth and Circumnutation in Helianthus annuus Seedlings. Frontiers in Plant Science, 2017, 8, 1766.	1.7	22
7	Spontaneous action potentials and circumnutation in Helianthus annuus. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	6
8	A nitrate-permeable ion channel in the tonoplast of the moss Physcomitrella patens. Planta, 2015, 241, 1207-1219.	1.6	5
9	Lithium distinguishes between growth and circumnutation and augments glutamate-induced excitation of Helianthus annuus seedlings. Acta Physiologiae Plantarum, 2015, 37, 1.	1.0	10
10	Electrical properties of Lupinus angustifolius L. stem. II. Accommodation and anode break excitation. Acta Societatis Botanicorum Poloniae, 2015, 48, 109-117.	0.8	0
11	Characteristics of quercetin interactions with liposomal and vacuolar membranes. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 254-265.	1.4	78
12	Circumnutation Tracker: novel software for investigation of circumnutation. Plant Methods, 2014, 10, 24.	1.9	15
13	Cation-permeable vacuolar ion channels in the moss Physcomitrella patens: a patch-clamp study. Planta, 2013, 238, 357-367.	1.6	13
14	Quite a few reasons for calling carnivores â€˜the most wonderful plants in the worldâ€™. Annals of Botany, 2012, 109, 47-64.	1.4	93
15	Ways of signal transmission and physiological role of electrical potentials in plants. Acta Societatis Botanicorum Poloniae, 2011, 72, 309-318.	0.8	28
16	Glutamate induces series of action potentials and a decrease in circumnutation rate in<i>Helianthus annuus</i>. Physiologia Plantarum, 2010, 138, 329-338.	2.6	22
17	Glutamatergic elements in an excitability and circumnutation mechanism. Plant Signaling and Behavior, 2010, 5, 1108-1111.	1.2	3
18	Cadmium and selenium modulate slow vacuolar channels in rape (Brassica napus) vacuoles. Journal of Plant Physiology, 2010, 167, 1566-1570.	1.6	13

#	Article	IF	Citations
19	Slow vacuolar channels in vacuoles from winter and spring varieties of rape (Brassica napus). Journal of Plant Physiology, 2008, 165, 1511-1518.	1.6	3
20	Light- and dark-induced action potentials in<i>Physcomitrella patens</i>. Plant Signaling and Behavior, 2008, 3, 13-18.	1.2	16
21	Complex relationship between growth and circumnutations inHelianthus annuusstem. Plant Signaling and Behavior, 2008, 3, 376-380.	1.2	22
22	Characteristics of Anion Channels in the Tonoplast of the Liverwort Conocephalum conicum. Plant and Cell Physiology, 2007, 48, 1747-1757.	1.5	14
23	The influence of glutamic and aminoacetic acids on the excitability of the liverwort Conocephalum conicum. Journal of Plant Physiology, 2007, 164, 773-784.	1.6	24
24	Electrical Signals in Long-Distance Communication in Plants. , 2006, , 277-290.		50
25	An effect of antibiotic amphotericin B on ion transport across model lipid membranes and tonoplast membranes. Biochemical Pharmacology, 2005, 70, 668-675.	2.0	32
26	Low-temperature-induced transmembrane potential changes in mesophyll cells of Arabidopsis thaliana, Helianthus annuus and Vicia faba. Physiologia Plantarum, 2004, 120, 265-270.	2.6	41
27	Slow vacuolar channels of non-embryogenic and embryogenic cultures of winter wheat. Acta Physiologiae Plantarum, 2003, 25, 179-184.	1.0	5
28	Variation and action potentials evoked by thermal stimuli accompany enhancement of ethylene emission in distant non-stimulated leaves ofVicia faba minorseedlings. Journal of Plant Physiology, 2003, 160, 1203-1210.	1.6	59
29	Low-Temperature Induced Transmembrane Potential Changes in the Liverwort Conocephalum conicum. Plant and Cell Physiology, 2003, 44, 527-533.	1.5	47
30	Disturbances of stem circumnutations evoked by wound-induced variation potentials in Helianthus annuus L. Cellular and Molecular Biology Letters, 2003, 8, 31-40.	2.7	5
31	Transmission route for action potentials and variation potentials in Helianthus annuus L.. Journal of Plant Physiology, 2001, 158, 1167-1172.	1.6	59
32	Characteristics of action potentials generated spontaneously in Helianthus annuus. Physiologia Plantarum, 1995, 93, 291-297.	2.6	5
33	Characteristics of action potentials in Helianthus annuus. Physiologia Plantarum, 1991, 83, 601-604.	2.6	57