# Halina Dziubinska

List of Publications by Year
in descending order



| 33 | 783 | 623188 14 | 525886 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 33 | 33 | 33 | 752 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | Characteristics of quercetin interactions with liposomal and vacuolar membranes. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 254-265. | 1.4 | 78 |
| 3 | Transmission route for action potentials and variation potentials in Helianthus annuus L.. Journal of Plant Physiology, 2001, 158, 1167-1172. | 1.6 | 59 |
| 4 | 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 |
| 5 | Characteristics of action potentials in Helianthus annuus. Physiologia Plantarum, 1991, 83, 601-604. | 2.6 | 57 |
| 6 | Electrical Signals in Long-Distance Communication in Plants. , 2006, , 277-290. | | 50 |
| 7 | Low-Temperature Induced Transmembrane Potential Changes in the Liverwort Conocephalum conicum. Plant and Cell Physiology, 2003, 44, 527-533. | 1.5 | 47 |
| 8 | 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 |
| 9 | 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 |
| 10 | Ways of signal transmission and physiological role of electrical potentials in plants. Acta Societatis Botanicorum Poloniae, 2011, 72, 309-318. | 0.8 | 28 |
| 11 | 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 |
| 12 | Complex relationship between growth and circumnutations inHelianthus annuusstem. Plant Signaling and Behavior, 2008, 3, 376-380. | 1.2 | 22 |
| 13 | Glutamate induces series of action potentials and a decrease in circumnutation rate inHelianthus annuus. Physiologia Plantarum, 2010, 138, 329-338. | 2.6 | 22 |
| 14 | 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 |
| 15 | Light- and dark-induced action potentials inPhyscomitrella patens. Plant Signaling and Behavior, 2008, 3, 13-18. | 1.2 | 16 |
| 16 | Circumnutation Tracker: novel software for investigation of circumnutation. Plant Methods, 2014, 10, 24. | 1.9 | 15 |
| 17 | Characteristics of Anion Channels in the Tonoplast of the Liverwort Conocephalum conicum. Plant and Cell Physiology, 2007, 48, 1747-1757. | 1.5 | 14 |
| 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 | Cation-permeable vacuolar ion channels in the moss Physcomitrella patens: a patch-clamp study. Planta, 2013, 238, 357-367. | 1.6 | 13 |
| 20 | Lithium distinguishes between growth and circumnutation and augments glutamate-induced excitation of Helianthus annuus seedlings. Acta Physiologiae Plantarum, 2015, 37, 1. | 1.0 | 10 |
| 21 | Vacuolar ion channels in the liverwort Marchantia polymorpha: influence of ion channel inhibitors. Planta, 2017, 245, 1049-1060. | 1.6 | 9 |
| 22 | 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 |
| 23 | The role of vacuolar ion channels in salt stress tolerance in the liverwort Conocephalum conicum. Acta Physiologiae Plantarum, 2019, 41, 1. | 1.0 | 8 |
| 24 | Functional Analyses of the Two Distinctive Types of Two-Pore Channels and the Slow Vacuolar Channel in Marchantia polymorpha. Plant and Cell Physiology, 2022, 63, 163-175. | 1.5 | 8 |
| 25 | Spontaneous action potentials and circumnutation in Helianthus annuus. Acta Physiologiae Plantarum, 2017, 39, 1. | 1.0 | 6 |
| 26 | Slow vacuolar channels of non-embryogenic and embryogenic cultures of winter wheat. Acta Physiologiae Plantarum, 2003, 25, 179-184. | 1.0 | 5 |
| 27 | A nitrate-permeable ion channel in the tonoplast of the moss Physcomitrella patens. Planta, 2015, 241, 1207-1219. | 1.6 | 5 |
| 28 | Characteristics of action potentials generated spontaneously in Helianthus annuus. Physiologia Plantarum, 1995, 93, 291-297. | 2.6 | 5 |
| 29 | 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 |
| 30 | 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 |
| 31 | Glutamatergic elements in an excitability and circumnutation mechanism. Plant Signaling and Behavior, 2010, 5, 1108-1111. | 1.2 | 3 |
| 32 | 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 |
| 33 | Electrical properties of Lupinus angustifolius L. stem. II. Accommodation and anode break excitation. Acta Societatis Botanicorum Poloniae, 2015, 48, 109-117. | 0.8 | 0 |