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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	NO and H ₂ O ₂ crosstalk in plant adaptation to stress condition. , 2022, , 689-706.		1
2	Nitrate reductase dependent synthesis of NO in plants. , 2022, , 95-110.		3
3	Antisense oligonucleotide technology as a research tool in plant biology. <i>Functional Plant Biology</i> , 2021, 49, 1-12.	2.1	4
4	The role of NO in plant response to salt stress: interactions with polyamines. <i>Functional Plant Biology</i> , 2020, 47, 865.	2.1	20
5	Interaction between the signaling molecules hydrogen sulfide and hydrogen peroxide and their role in vacuolar H ⁺ -ATPase regulation in cadmium-stressed cucumber roots. <i>Physiologia Plantarum</i> , 2019, 166, 688-704.	5.2	49
6	Plant Abiotic Stress: Function of Nitric Oxide and Hydrogen Peroxide. , 2019, , 201-219.		2
7	Assay of Plasma Membrane H ⁺ -ATPase in Plant Tissues under Abiotic Stresses. <i>Methods in Molecular Biology</i> , 2018, 1696, 205-215.	0.9	10
8	Involvement of NR and PM-NR in NO biosynthesis in cucumber plants subjected to salt stress. <i>Plant Science</i> , 2018, 267, 55-64.	3.6	34
9	Involvement of signalling molecules NO, H ₂ O ₂ and H ₂ S in modification of plasma membrane proton pump in cucumber roots subjected to salt or low temperature stress. <i>Functional Plant Biology</i> , 2018, 45, 428.	2.1	34
10	The role of brassinosteroids in the regulation of the plasma membrane H ⁺ -ATPase and NADPH oxidase under cadmium stress. <i>Plant Science</i> , 2017, 264, 37-47.	3.6	31
11	Modification of plasma membrane NADPH oxidase activity in cucumber seedling roots in response to cadmium stress. <i>Plant Science</i> , 2015, 234, 50-59.	3.6	54
12	Transcriptional regulation of the H ⁺ -ATPase subunit c and H ⁺ -PPase isoforms in <i>Cucumis sativus</i> under heavy metal stress. <i>Physiologia Plantarum</i> , 2014, 150, 32-45.	5.2	27
13	Mechanism of Cd and Cu action on the tonoplast proton pumps in cucumber roots. <i>Physiologia Plantarum</i> , 2013, 147, 207-217.	5.2	19
14	Modification of plasma membrane proton pumps in cucumber roots as an adaptation mechanism to salt stress. <i>Journal of Plant Physiology</i> , 2013, 170, 915-922.	3.5	54
15	Different effect of cadmium and copper on H ⁺ -ATPase activity in plasma membrane vesicles from <i>Cucumis sativus</i> roots. <i>Journal of Experimental Botany</i> , 2012, 63, 4133-4142.	4.8	116
16	Abscisic acid and hydrogen peroxide induce modification of plasma membrane H ⁺ -ATPase from <i>Cucumis sativus</i> L. roots under heat shock. <i>Journal of Plant Physiology</i> , 2012, 169, 1607-1614.	3.5	26
17	Response of plasma membrane H ⁺ -ATPase to low temperature in cucumber roots. <i>Journal of Plant Research</i> , 2012, 125, 291-300.	2.4	58
18	Na ⁺ and H ⁺ antiport activity in plasma membrane and tonoplast vesicles isolated from NaCl-treated cucumber roots. <i>Biologia Plantarum</i> , 2012, 56, 377-382.	1.9	9

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19	Differential regulation of vacuolar H ⁺ -ATPase and H ⁺ -PPase in <i>Cucumis sativus</i> roots by zinc and nickel. <i>Plant Science</i> , 2011, 180, 531-539.	3.6	15
20	The role of polyamines in the regulation of the plasma membrane and the tonoplast proton pumps under salt stress. <i>Journal of Plant Physiology</i> , 2010, 167, 261-269.	3.5	56
21	Different responses of tonoplast proton pumps in cucumber roots to cadmium and copper. <i>Journal of Plant Physiology</i> , 2010, 167, 1328-1335.	3.5	29
22	Comparison of heavy metal effect on the proton pumps of plasma membrane and tonoplast in cucumber root cells. <i>Journal of Plant Physiology</i> , 2008, 165, 278-288.	3.5	60
23	Response of plasma membrane H ⁺ -ATPase to heavy metal stress in <i>Cucumis sativus</i> roots. <i>Journal of Experimental Botany</i> , 2008, 59, 3721-3728.	4.8	175
24	Modification of plasma membrane and vacuolar H ⁺ -ATPases in response to NaCl and ABA. <i>Journal of Plant Physiology</i> , 2007, 164, 295-302.	3.5	76
25	Modulation by cytosolic components of proton pump activities in plasma membrane and tonoplast from <i>Cucumis sativus</i> roots during salt stress. <i>Physiologia Plantarum</i> , 2004, 121, 84-92.	5.2	46
26	Nitrate transport across the tonoplast of <i>Cucumis sativus</i> L. root cells. <i>Journal of Plant Physiology</i> , 2003, 160, 523-530.	3.5	4