

# Krisztina Otvos

## List of Publications by Year in descending order

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20  
papers

939  
citations

687363

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794594

19  
g-index

24  
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24  
docs citations

24  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pickle Recruits Retinoblastoma Related 1 to Control Lateral Root Formation in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3862.	4.1	12
2	Nitrate triggered phosphoproteome changes and a PIN2 phosphosite modulating root system architecture. <i>EMBO Reports</i> , 2021, 22, e51813.	4.5	22
3	Modulation of plant root growth by nitrogen sourceâ€defined regulation of polar auxin transport. <i>EMBO Journal</i> , 2021, 40, e106862.	7.8	60
4	SYNERGISTIC ON AUXIN AND CYTOKININ 1 positively regulates growth and attenuates soil pathogen resistance. <i>Nature Communications</i> , 2020, 11, 2170.	12.8	34
5	Phytohormone cytokinin guides microtubule dynamics during cell progression from proliferative to differentiated stage. <i>EMBO Journal</i> , 2020, 39, e104238.	7.8	15
6	Spatiotemporal mechanisms of root branching. <i>Current Opinion in Genetics and Development</i> , 2017, 45, 82-89.	3.3	15
7	Cytokinin response factors regulate PIN-FORMED auxin transporters. <i>Nature Communications</i> , 2015, 6, 8717.	12.8	108
8	The CRYPTOCHROME1-Dependent Response to Excess Light Is Mediated through the Transcriptional Activators ZINC FINGER PROTEIN EXPRESSED IN INFLORESCENCE MERISTEM LIKE1 and ZML2 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 3009-3025.	6.6	62
9	Use of the Foot-and-Mouth Disease Virus 2A Peptide Co-Expression System to Study Intracellular Protein Trafficking in Arabidopsis. <i>PLoS ONE</i> , 2012, 7, e51973.	2.5	30
10	The histone phosphatase inhibitory property of plant nucleosome assembly protein-related proteins (NRPs). <i>Plant Physiology and Biochemistry</i> , 2012, 52, 162-168.	5.8	13
11	The phosphomimetic mutation of an evolutionarily conserved serine residue affects the signaling properties of Rho of plants (ROPs). <i>Plant Journal</i> , 2011, 66, 669-679.	5.7	17
12	Immunodetection of retinoblastoma-related protein and its phosphorylated form in interphase and mitotic alfalfa cells. <i>Journal of Experimental Botany</i> , 2011, 62, 2155-2168.	4.8	13
13	Plant Rhoâ€type (Rop) GTPaseâ€dependent activation of receptorâ€like cytoplasmic kinases in vitro. <i>FEBS Letters</i> , 2009, 583, 1175-1182.	2.8	32
14	Improvement of isolated microspore culture of pepper ( <i>Capsicum annuum</i> L.) via co-culture with ovary tissues of pepper or wheat. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 97, 285-293.	2.3	60
15	The involvement of reactive oxygen species (ROS) in the cell cycle activation ( $G_0$ -to- $G_1$ transition) of plant cells. <i>Plant Signaling and Behavior</i> , 2008, 3, 823-826.	2.4	77
16	Arabidopsis PPR40 Connects Abiotic Stress Responses to Mitochondrial Electron Transport. <i>Plant Physiology</i> , 2008, 146, 1721-1737.	4.8	137
17	Linked activation of cell division and oxidative stress defense in alfalfa leaf protoplast-derived cells is dependent on exogenous auxin. <i>Plant Growth Regulation</i> , 2007, 51, 109-117.	3.4	59
18	Characterization of three Rop GTPase genes of alfalfa ( <i>Medicago sativa</i> L.). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006, 1759, 108-115.	2.4	13

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19	Nitric oxide is required for, and promotes auxin-mediated activation of, cell division and embryogenic cell formation but does not influence cell cycle progression in alfalfa cell cultures. <i>Plant Journal</i> , 2005, 43, 849-860.	5.7	153
20	Specific features of RHO GTPase-dependent signaling in plants. <i>Cell Biology International</i> , 2003, 27, 191-192.	3.0	0