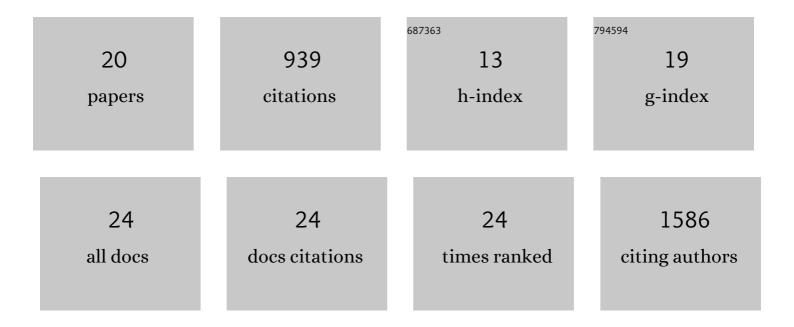
## Krisztina Otvos

List of Publications by Year in descending order

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KDISZTINIA OTVOS

#	Article	IF	CITATIONS
1	Pickle Recruits Retinoblastoma Related 1 to Control Lateral Root Formation in Arabidopsis. International Journal of Molecular Sciences, 2021, 22, 3862.	4.1	12
2	Nitrate triggered phosphoproteome changes and a PIN2 phosphosite modulating root system architecture. EMBO Reports, 2021, 22, e51813.	4.5	22
3	Modulation of plant root growth by nitrogen sourceâ€defined regulation of polar auxin transport. EMBO Journal, 2021, 40, e106862.	7.8	60
4	SYNERGISTIC ON AUXIN AND CYTOKININ 1 positively regulates growth and attenuates soil pathogen resistance. Nature Communications, 2020, 11, 2170.	12.8	34
5	Phytohormone cytokinin guides microtubule dynamics during cell progression from proliferative to differentiated stage. EMBO Journal, 2020, 39, e104238.	7.8	15
6	Spatiotemporal mechanisms of root branching. Current Opinion in Genetics and Development, 2017, 45, 82-89.	3.3	15
7	Cytokinin response factors regulate PIN-FORMED auxin transporters. Nature Communications, 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> . Plant Cell, 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. PLoS ONE, 2012, 7, e51973.	2.5	30
10	The histone phosphatase inhibitory property of plant nucleosome assembly protein-related proteins (NRPs). Plant Physiology and Biochemistry, 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). Plant Journal, 2011, 66, 669-679.	5.7	17
12	Immunodetection of retinoblastoma-related protein and its phosphorylated form in interphase and mitotic alfalfa cells. Journal of Experimental Botany, 2011, 62, 2155-2168.	4.8	13
13	Plant Rhoâ€type (Rop) GTPaseâ€dependent activation of receptorâ€like cytoplasmic kinases in vitro. FEBS Letters, 2009, 583, 1175-1182.	2.8	32
14	Improvement of isolated microspore culture of pepper (Capsicum annuum L.) via co-culture with ovary tissues of pepper or wheat. Plant Cell, Tissue and Organ Culture, 2009, 97, 285-293.	2.3	60
15	The involvement of reactive oxygen species (ROS) in the cell cycle activation (G <sub>0</sub> -to-G <sub>1</sub> transition) of plant cells. Plant Signaling and Behavior, 2008, 3, 823-826.	2.4	77
16	Arabidopsis PPR40 Connects Abiotic Stress Responses to Mitochondrial Electron Transport  Â. Plant Physiology, 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. Plant Growth Regulation, 2007, 51, 109-117.	3.4	59
18	Characterization of three Rop GTPase genes of alfalfa (Medicago sativa L.). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2006, 1759, 108-115.	2.4	13

#	Article	IF	CITATIONS
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. Plant Journal, 2005, 43, 849-860.	5.7	153
20	Specific features of RHO GTPase-dependent signaling in plants. Cell Biology International, 2003, 27, 191-192.	3.0	0