

Pavel KÅenek

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

787
citations

1162889

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h-index

1058333

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docs citations

15
times ranked

1163
citing authors

#	ARTICLE	IF	CITATIONS
1	TALEN-Based HvMPK3 Knock-Out Attenuates Proteome and Root Hair Phenotypic Responses to flg22 in Barley. <i>Frontiers in Plant Science</i> , 2021, 12, 666229.	1.7	11
2	CRISPR/Cas9-Induced Loss-of-Function Mutation in the Barley Mitogen-Activated Protein Kinase 6 Gene Causes Abnormal Embryo Development Leading to Severely Reduced Grain Germination and Seedling Shootless Phenotype. <i>Frontiers in Plant Science</i> , 2021, 12, 670302.	1.7	10
3	YODA-HSP90 Module Regulates Phosphorylation-Dependent Inactivation of SPEECHLESS to Control Stomatal Development under Acute Heat Stress in Arabidopsis. <i>Molecular Plant</i> , 2020, 13, 612-633.	3.9	65
4	Complementary Superresolution Visualization of Composite Plant Microtubule Organization and Dynamics. <i>Frontiers in Plant Science</i> , 2020, 11, 693.	1.7	8
5	Monitoring protein phosphorylation by acrylamide pendant Phos-Tag in various plants. <i>Frontiers in Plant Science</i> , 2015, 6, 336.	1.7	15
6	Transient plant transformation mediated by <i>Agrobacterium tumefaciens</i> : Principles, methods and applications. <i>Biotechnology Advances</i> , 2015, 33, 1024-1042.	6.0	151
7	Genome-wide analysis of the barley MAPK gene family and its expression patterns in relation to <i>Puccinia hordei</i> infection. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	8
8	Salt-induced subcellular kinase relocation and seedling susceptibility caused by overexpression of <i>Medicago</i> SIMKK in Arabidopsis. <i>Journal of Experimental Botany</i> , 2014, 65, 2335-2350.	2.4	37
9	Quantification of Stress-Induced Mitogen-Activated Protein Kinase Expressional Dynamic Using Reverse Transcription Quantitative Real-Time PCR. <i>Methods in Molecular Biology</i> , 2014, 1171, 13-25.	0.4	2
10	Transgenic mouse model expressing tdTomato under involucrin promoter as a tool for analysis of epidermal differentiation and wound healing. <i>Transgenic Research</i> , 2012, 21, 683-689.	1.3	6
11	Expression and regulation of murine SPINK12, a potential orthologue of human LEKT12. <i>Experimental Dermatology</i> , 2011, 20, 905-910.	1.4	6
12	SolRgene: an online database to explore disease resistance genes in tuber-bearing <i>Solanum</i> species. <i>BMC Plant Biology</i> , 2011, 11, 116.	1.6	38
13	Diversity, Distribution, and Evolution of <i>Solanum bulbocastanum</i> Late Blight Resistance Genes. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1206-1216.	1.4	69
14	Effector Genomics Accelerates Discovery and Functional Profiling of Potato Disease Resistance and <i>Phytophthora Infestans</i> Avirulence Genes. <i>PLoS ONE</i> , 2008, 3, e2875.	1.1	361