

Stanislav VosolsobÄ›

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

766
citations

840776

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996975

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17
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docs citations

17
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. <i>Cell</i> , 2018, 174, 448-464.e24.	28.9	420
2	Evolution and structural diversification of PILS putative auxin carriers in plants. <i>Frontiers in Plant Science</i> , 2012, 3, 227.	3.6	76
3	PIN-driven auxin transport emerged early in streptophyte evolution. <i>Nature Plants</i> , 2019, 5, 1114-1119.	9.3	44
4	The evolutionary origins of auxin transport: what we know and what we need to know. <i>Journal of Experimental Botany</i> , 2020, 71, 3287-3295.	4.8	32
5	Asymbiotic germination of mature seeds and protocorm development of <i>Pseudorchis albida</i> (Orchidaceae) are inhibited by nitrates even at extremely low concentrations. <i>Botany</i> , 2013, 91, 662-670.	1.0	28
6	Evolutionary Conserved Cysteines Function as cis-Acting Regulators of Arabidopsis PIN-FORMED 2 Distribution. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2274.	4.1	28
7	Loss of membrane fluidity and endocytosis inhibition are involved in rapid aluminum-induced root growth cessation in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2012, 60, 88-97.	5.8	24
8	Advances in Understanding the Mechanism of Action of the Auxin Permease AUX1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3391.	4.1	20
9	Evolutionary plasticity of plasma membrane interaction in DREPP family proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 686-697.	2.6	16
10	Phospholipase D β assists to cortical microtubule recovery after salt stress. <i>Protoplasma</i> , 2018, 255, 1195-1204.	2.1	15
11	Microarthropods influence the composition of rhizospheric fungal communities by stimulating specific taxa. <i>Soil Biology and Biochemistry</i> , 2018, 122, 120-130.	8.8	15
12	Determination of Dynamics of Plant Plasma Membrane Proteins with Fluorescence Recovery and Raster Image Correlation Spectroscopy. <i>Microscopy and Microanalysis</i> , 2016, 22, 290-299.	0.4	12
13	Light and CO ₂ Modulate the Accumulation and Localization of Phenolic Compounds in Barley Leaves. <i>Antioxidants</i> , 2021, 10, 385.	5.1	11
14	Transcription of specific auxin efflux and influx carriers drives auxin homeostasis in tobacco cells. <i>Plant Journal</i> , 2019, 100, 627-640.	5.7	10
15	Integrative Study Supports the Role of Trehalose in Carbon Transfer From Fungi to Mycotrophic Orchid. <i>Frontiers in Plant Science</i> , 2021, 12, 793876.	3.6	10
16	Determination of Plasma Membrane Partitioning for Peripherally-associated Proteins. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3