

Linnea Hesse

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

162
citations

1163117
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12
docs citations

12
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Major trends in stem anatomy and growth forms in the perianth-bearing Piperales, with special focus on Aristolochia. Annals of Botany, 2014, 113, 1139-1154.	2.9	33
2	Structural and functional imaging of large and opaque plant specimens. Journal of Experimental Botany, 2019, 70, 3659-3678.	4.8	24
3	Biomechanics and functional morphology of a climbing monocot. AoB PLANTS, 2016, 8, .	2.3	17
4	Magnetic resonance imaging reveals functional anatomy and biomechanics of a living dragon tree. Scientific Reports, 2016, 6, 32685.	3.3	16
5	A seed flying like a bullet: ballistic seed dispersal in Chinese witch-hazel (<i>Hamamelis mollis</i> OLIV.,) Tj ETQq1 1.0,784314 rgBT /Ove	3.4	16
6	Finite element modelling of complex movements during self-sealing of ring incisions in leaves of <i>Delosperma cooperi</i> . Journal of Theoretical Biology, 2018, 458, 184-206.	1.7	14
7	Morphology and Anatomy of Branchâ€“Branch Junctions in <i>Opuntia ficus-indica</i> and <i>Cylindropuntia bigelovii</i> : A Comparative Study Supported by Mechanical Tissue Quantification. Plants, 2021, 10, 2313.	3.5	12
8	Comparative Analyses of the Self-Sealing Mechanisms in Leaves of <i>Delosperma cooperi</i> and <i>Delosperma ecklonis</i> (Aizoaceae). International Journal of Molecular Sciences, 2020, 21, 5768.	4.1	10
9	A qualitative analysis of the bud ontogeny of <i>Dracaena marginata</i> using high-resolution magnetic resonance imaging. Scientific Reports, 2018, 8, 9881.	3.3	9
10	Resolving Formâ€“Structureâ€“Function Relationships in Plants with MRI for Biomimetic Transfer. Integrative and Comparative Biology, 2019, 59, 1713-1726.	2.0	7
11	Vascular bundle modifications in nodes and internodes of climbing Marantaceae. Botanical Journal of the Linnean Society, 2021, 195, 308-326.	1.6	3