

Linnea Hesse

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2063916/publications.pdf>

Version: 2024-02-01

11
papers

162
citations

1163065

8
h-index

1199563

12
g-index

12
all docs

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. <i>Annals of Botany</i> , 2014, 113, 1139-1154.	2.9	33
2	Structural and functional imaging of large and opaque plant specimens. <i>Journal of Experimental Botany</i> , 2019, 70, 3659-3678.	4.8	24
3	Biomechanics and functional morphology of a climbing monocot. <i>AoB PLANTS</i> , 2016, 8, .	2.3	17
4	Magnetic resonance imaging reveals functional anatomy and biomechanics of a living dragon tree. <i>Scientific Reports</i> , 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.,) <i>Tj ETQq1 1,0,784314 rgBT /O</i>	3.4	16
6	Finite element modelling of complex movements during self-sealing of ring incisions in leaves of <i>Delosperma cooperi</i> . <i>Journal of Theoretical Biology</i> , 2018, 458, 184-206.	1.7	14
7	Morphology and Anatomy of Branch Branch Junctions in <i>Opuntia ficus-indica</i> and <i>Cylindropuntia bigelovii</i> : A Comparative Study Supported by Mechanical Tissue Quantification. <i>Plants</i> , 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). <i>International Journal of Molecular Sciences</i> , 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. <i>Scientific Reports</i> , 2018, 8, 9881.	3.3	9
10	Resolving Form Structure Function Relationships in Plants with MRI for Biomimetic Transfer. <i>Integrative and Comparative Biology</i> , 2019, 59, 1713-1726.	2.0	7
11	Vascular bundle modifications in nodes and internodes of climbing Marantaceae. <i>Botanical Journal of the Linnean Society</i> , 2021, 195, 308-326.	1.6	3