

Maik BÄhmer

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,279
citations

567281

15
h-index

677142

22
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24
all docs

24
docs citations

24
times ranked

3672
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrograde Analysis of Calcium Signaling by CaMPARI2 Shows Cytosolic Calcium in Chondrocytes Is Unaffected by Parabolic Flights. <i>Biomedicines</i> , 2022, 10, 138.	3.2	2
2	Structural and Functional Heat Stress Responses of Chloroplasts of <i>Arabidopsis thaliana</i> . <i>Genes</i> , 2020, 11, 650.	2.4	14
3	ARABIDOMICS—A new experimental platform for molecular analyses of plants in drop towers, on parabolic flights, and sounding rockets. <i>Review of Scientific Instruments</i> , 2020, 91, 034504.	1.3	5
4	Microgravity research in plants. <i>EMBO Reports</i> , 2019, 20, e48541.	4.5	22
5	Gravitational Biology I. <i>SpringerBriefs in Space Life Sciences</i> , 2018, , .	0.1	20
6	WRKY43 regulates polyunsaturated fatty acid content and seed germination under unfavourable growth conditions. <i>Scientific Reports</i> , 2017, 7, 14235.	3.3	21
7	Editorial: Abiotic Stress Signaling in Plants: Functional Genomic Intervention. <i>Frontiers in Plant Science</i> , 2016, 7, 681.	3.6	25
8	ARADISH - Development of a Standardized Plant Growth Chamber for Experiments in Gravitational Biology Using Ground Based Facilities. <i>Microgravity Science and Technology</i> , 2016, 28, 297-305.	1.4	5
9	Dynamic subnuclear relocalisation of WRKY40 in response to Abscisic acid in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2015, 5, 13369.	3.3	21
10	Investigation of Plant Abiotic Stress Tolerance by Proteomics and Phosphoproteomics. , 2015, , 75-92.		0
11	Dynamic subnuclear relocalization of WRKY40, a potential new mechanism of ABA-dependent transcription factor regulation. <i>Plant Signaling and Behavior</i> , 2015, 10, e1106659.	2.4	16
12	Distinct Cellular Locations of Carbonic Anhydrases Mediate Carbon Dioxide Control of Stomatal Movements. <i>Plant Physiology</i> , 2015, 169, 1168-1178.	4.8	78
13	Guarding the Green: Pathways to Stomatal Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 626-632.	2.6	103
14	Screening for in planta protein-protein interactions combining bimolecular fluorescence complementation with flow cytometry. <i>Plant Methods</i> , 2012, 8, 25.	4.3	50
15	Quantitative transcriptomic analysis of abscisic acid-induced and reactive oxygen species-dependent expression changes and proteomic profiling in <i>Arabidopsis</i> suspension cells. <i>Plant Journal</i> , 2011, 67, 105-118.	5.7	83
16	Chemical Genetics Reveals Negative Regulation of Abscisic Acid Signaling by a Plant Immune Response Pathway. <i>Current Biology</i> , 2011, 21, 990-997.	3.9	152
17	Chemical Genetic Analysis of Protein Kinase Function in Plants. <i>Methods in Molecular Biology</i> , 2011, 779, 259-271.	0.9	2
18	Carbonic anhydrases are upstream regulators of CO ₂ -controlled stomatal movements in guard cells. <i>Nature Cell Biology</i> , 2010, 12, 87-93.	10.3	364

#	ARTICLE	IF	CITATIONS
19	Guard Cell Signal Transduction Network: Advances in Understanding Abscisic Acid, CO ₂ , and Ca ²⁺ Signaling. Annual Review of Plant Biology, 2010, 61, 561-591.	18.7	1,165
20	Cdc42 and the Ste20-like kinase Don3 act independently in triggering cytokinesis in Ustilago maydis. Journal of Cell Science, 2008, 121, 143-148.	2.0	42
21	Proteomic analysis of dimorphic transition in the phytopathogenic fungus Ustilago maydis. Proteomics, 2007, 7, 675-685.	2.2	54
22	A chemical-genetic approach to elucidate protein kinase function in <i>Arabidopsis thaliana</i> . Plant Molecular Biology, 2007, 65, 817-827.	3.9	31