

Brigitte van de Cotte

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

975
citations

623734

14
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	Capturing the phosphorylation and protein interaction landscape of the plant TOR kinase. <i>Nature Plants</i> , 2019, 5, 316-327.	9.3	205
2	Receptor Kinase THESEUS1 Is a Rapid Alkalinization Factor 34 Receptor in Arabidopsis. <i>Current Biology</i> , 2018, 28, 2452-2458.e4.	3.9	146
3	Mitochondrial type- ϵ prohibitins of <i>Arabidopsis thaliana</i> are required for supporting proficient meristem development. <i>Plant Journal</i> , 2007, 52, 850-864.	5.7	114
4	CEP5 and XIP1/CEPR1 regulate lateral root initiation in Arabidopsis. <i>Journal of Experimental Botany</i> , 2016, 67, 4889-4899.	4.8	81
5	EXPANSIN A1-mediated radial swelling of pericycle cells positions anticlinal cell divisions during lateral root initiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8597-8602.	7.1	71
6	RALFL34 regulates formative cell divisions in Arabidopsis pericycle during lateral root initiation. <i>Journal of Experimental Botany</i> , 2016, 67, 4863-4875.	4.8	66
7	Modulation of <i>Arabidopsis</i> and monocot root architecture by CLAVATA3/EMBRYO SURROUNDING REGION 26 peptide. <i>Journal of Experimental Botany</i> , 2015, 66, 5229-5243.	4.8	62
8	PP2A-3 interacts with ACR4 and regulates formative cell division in the <i>Arabidopsis</i> root. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1447-1452.	7.1	43
9	The CEP5 Peptide Promotes Abiotic Stress Tolerance, As Revealed by Quantitative Proteomics, and Attenuates the AUX/IAA Equilibrium in Arabidopsis. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1248-1262.	3.8	35
10	Early mannitol-triggered changes in the Arabidopsis leaf (phospho)proteome reveal growth regulators. <i>Journal of Experimental Botany</i> , 2018, 69, 4591-4607.	4.8	31
11	Temperature-induced changes in the wheat phosphoproteome reveal temperature-regulated interconversion of phosphoforms. <i>Journal of Experimental Botany</i> , 2018, 69, 4609-4624.	4.8	30
12	The membrane-localized protein kinase MAP4K4/TOT3 regulates thermomorphogenesis. <i>Nature Communications</i> , 2021, 12, 2842.	12.8	30
13	The Cyclin CYCA3;4 Is a Postprophase Target of the APC/C ^{CCS52A2} E3-Ligase Controlling Formative Cell Divisions in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 2979-2996.	6.6	22
14	Proteome-wide cellular thermal shift assay reveals unexpected cross-talk between brassinosteroid and auxin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118220119.	7.1	15
15	ARACINs, Brassicaceae-Specific Peptides Exhibiting Antifungal Activities against Necrotrophic Pathogens in Arabidopsis. <i>Plant Physiology</i> , 2015, 167, 1017-1029.	4.8	14
16	The Arabidopsis Root Tip (Phospho)Proteomes at Growth-Promoting versus Growth-Repressing Conditions Reveal Novel Root Growth Regulators. <i>Cells</i> , 2021, 10, 1665.	4.1	8