

Jelle Van Leene

List of Publications by Year in descending order

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38
papers

3,509
citations

201674

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315739

38
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43
all docs

43
docs citations

43
times ranked

4351
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct EH domains of the endocytic TPLATE complex confer lipid and protein binding. <i>Nature Communications</i> , 2021, 12, 3050.	12.8	23
2	Establishment of Proximity-Dependent Biotinylation Approaches in Different Plant Model Systems. <i>Plant Cell</i> , 2020, 32, 3388-3407.	6.6	91
3	Mutations of the AtYAK1 Kinase Suppress TOR Deficiency in Arabidopsis. <i>Cell Reports</i> , 2019, 27, 3696-3708.e5.	6.4	54
4	Capturing the phosphorylation and protein interaction landscape of the plant TOR kinase. <i>Nature Plants</i> , 2019, 5, 316-327.	9.3	205
5	The role of HEXOKINASE1 in Arabidopsis leaf growth. <i>Plant Molecular Biology</i> , 2019, 99, 79-93.	3.9	20
6	GS ^{yellow} , a Multifaceted Tag for Functional Protein Analysis in Monocot and Dicot Plants. <i>Plant Physiology</i> , 2018, 177, 447-464.	4.8	19
7	Recent Trends in Plant Protein Complex Analysis in a Developmental Context. <i>Frontiers in Plant Science</i> , 2018, 9, 640.	3.6	32
8	Hub Protein Controversy: Taking a Closer Look at Plant Stress Response Hubs. <i>Frontiers in Plant Science</i> , 2018, 9, 694.	3.6	75
9	The Mitochondrial DNA (mtDNA)-Associated Protein SWIB5 Influences mtDNA Architecture and Homologous Recombination. <i>Plant Cell</i> , 2017, 29, tpc.00899.2016.	6.6	11
10	Functional characterization of the Arabidopsis transcription factor bZIP29 reveals its role in leaf and root development. <i>Journal of Experimental Botany</i> , 2016, 67, 5825-5840.	4.8	78
11	The Arabidopsis Iron-Sulfur Protein GRXS17 is a Target of the Ubiquitin E3 Ligases RGLG3 and RGLG4. <i>Plant and Cell Physiology</i> , 2016, 57, 1801-1813.	3.1	16
12	Glutaredoxin GRXS17 Associates with the Cytosolic Iron-Sulfur Cluster Assembly Pathway. <i>Plant Physiology</i> , 2016, 172, pp.00261.2016.	4.8	35
13	Isolation of protein complexes from the model legume <i>Medicago truncatula</i> by tandem affinity purification in hairy root cultures. <i>Plant Journal</i> , 2016, 88, 476-489.	5.7	20
14	Transferring an optimized TAP-toolbox for the isolation of protein complexes to a portfolio of rice tissues. <i>Plant Molecular Biology</i> , 2016, 91, 341-354.	3.9	7
15	Unravelling plant molecular machineries through affinity purification coupled to mass spectrometry. <i>Current Opinion in Plant Biology</i> , 2015, 24, 1-9.	7.1	39
16	Dynamic Changes in ANGUSTIFOLIA3 Complex Composition Reveal a Growth Regulatory Mechanism in the Maize Leaf. <i>Plant Cell</i> , 2015, 27, 1605-1619.	6.6	154
17	A Repressor Protein Complex Regulates Leaf Growth in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 2273-2287.	6.6	118
18	The RING E3 Ligase KEEP ON GOING Modulates JASMONATE ZIM-DOMAIN12 Stability. <i>Plant Physiology</i> , 2015, 169, 1405-1417.	4.8	76

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19	Multiple mechanisms limit meiotic crossovers: TOP3 β and two BLM homologs antagonize crossovers in parallel to FANCM. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4713-4718.	7.1	138
20	An improved toolbox to unravel the plant cellular machinery by tandem affinity purification of Arabidopsis protein complexes. Nature Protocols, 2015, 10, 169-187.	12.0	160
21	The TPLATE Adaptor Complex Drives Clathrin-Mediated Endocytosis in Plants. Cell, 2014, 156, 691-704.	28.9	238
22	A Generic Tool for Transcription Factor Target Gene Discovery in Arabidopsis Cell Suspension Cultures Based on Tandem Chromatin Affinity Purification. Plant Physiology, 2014, 164, 1122-1133.	4.8	43
23	The Cyclin-Dependent Kinase Inhibitor KRP6 Induces Mitosis and Impairs Cytokinesis in Giant Cells Induced by Plant-Parasitic Nematodes in <i>Arabidopsis</i> . Plant Cell, 2014, 26, 2633-2647.	6.6	30
24	ANGUSTIFOLIA3 Binds to SWI/SNF Chromatin Remodeling Complexes to Regulate Transcription during <i>Arabidopsis</i> Leaf Development. Plant Cell, 2014, 26, 210-229.	6.6	219
25	bHLH003, bHLH013 and bHLH017 Are New Targets of JAZ Repressors Negatively Regulating JA Responses. PLoS ONE, 2014, 9, e86182.	2.5	104
26	ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment. Science, 2013, 342, 860-863.	12.6	263
27	Plant Protein Interactomes. Annual Review of Plant Biology, 2013, 64, 161-187.	18.7	135
28	Retromer Subunits VPS35A and VPS29 Mediate Prevacuolar Compartment (PVC) Function in Arabidopsis. Molecular Plant, 2013, 6, 1849-1862.	8.3	47
29	SAMBA, a plant-specific anaphase-promoting complex/cyclosome regulator is involved in early development and A-type cyclin stabilization. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13853-13858.	7.1	80
30	Isolation of Transcription Factor Complexes from Arabidopsis Cell Suspension Cultures by Tandem Affinity Purification. Methods in Molecular Biology, 2011, 754, 195-218.	0.9	64
31	A kaleidoscopic view of the Arabidopsis core cell cycle interactome. Trends in Plant Science, 2011, 16, 141-150.	8.8	70
32	Targeted interactomics reveals a complex core cell cycle machinery in <i>Arabidopsis thaliana</i> . Molecular Systems Biology, 2010, 6, 397.	7.2	315
33	CDKB1;1 Forms a Functional Complex with CYCA2;3 to Suppress Endocycle Onset. Plant Physiology, 2009, 150, 1482-1493.	4.8	188
34	Gene expression trends and protein features effectively complement each other in gene function prediction. Bioinformatics, 2009, 25, 322-330.	4.1	5
35	A bioanalytical method for the proteome wide display and analysis of protein complexes from whole plant cell lysates. Proteomics, 2009, 9, 598-609.	2.2	11
36	Boosting tandem affinity purification of plant protein complexes. Trends in Plant Science, 2008, 13, 517-520.	8.8	108

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37	A Tandem Affinity Purification-based Technology Platform to Study the Cell Cycle Interactome in <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1226-1238.	3.8	196
38	A technology platform for the fast production of monoclonal recombinant antibodies against plant proteins and peptides. <i>Journal of Immunological Methods</i> , 2004, 294, 181-187.	1.4	14