

# Jelle Van Leene

## List of Publications by Year in descending order

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38  
papers

3,509  
citations

201674

27  
h-index

315739

38  
g-index

43  
all docs

43  
docs citations

43  
times ranked

4351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted interactomics reveals a complex core cell cycle machinery in <i>Arabidopsis thaliana</i> . <i>Molecular Systems Biology</i> , 2010, 6, 397.	7.2	315
2	ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment. <i>Science</i> , 2013, 342, 860-863.	12.6	263
3	The TPLATE Adaptor Complex Drives Clathrin-Mediated Endocytosis in Plants. <i>Cell</i> , 2014, 156, 691-704.	28.9	238
4	ANGUSTIFOLIA3 Binds to SWI/SNF Chromatin Remodeling Complexes to Regulate Transcription during <i>Arabidopsis</i> Leaf Development. <i>Plant Cell</i> , 2014, 26, 210-229.	6.6	219
5	Capturing the phosphorylation and protein interaction landscape of the plant TOR kinase. <i>Nature Plants</i> , 2019, 5, 316-327.	9.3	205
6	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
7	CDKB1;1 Forms a Functional Complex with CYCA2;3 to Suppress Endocycle Onset in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 2009, 150, 1482-1493.	4.8	188
8	An improved toolbox to unravel the plant cellular machinery by tandem affinity purification of <i>Arabidopsis</i> protein complexes. <i>Nature Protocols</i> , 2015, 10, 169-187.	12.0	160
9	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
10	Multiple mechanisms limit meiotic crossovers: TOP3 and two BLM homologs antagonize crossovers in parallel to FANCM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4713-4718.	7.1	138
11	Plant Protein Interactomes. <i>Annual Review of Plant Biology</i> , 2013, 64, 161-187.	18.7	135
12	A Repressor Protein Complex Regulates Leaf Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 2273-2287.	6.6	118
13	Boosting tandem affinity purification of plant protein complexes. <i>Trends in Plant Science</i> , 2008, 13, 517-520.	8.8	108
14	bHLH003, bHLH013 and bHLH017 Are New Targets of JAZ Repressors Negatively Regulating JA Responses. <i>PLoS ONE</i> , 2014, 9, e86182.	2.5	104
15	Establishment of Proximity-Dependent Biotinylation Approaches in Different Plant Model Systems. <i>Plant Cell</i> , 2020, 32, 3388-3407.	6.6	91
16	SAMBA, a plant-specific anaphase-promoting complex/cyclosome regulator is involved in early development and A-type cyclin stabilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13853-13858.	7.1	80
17	Functional characterization of the <i>Arabidopsis</i> transcription factor bZIP29 reveals its role in leaf and root development. <i>Journal of Experimental Botany</i> , 2016, 67, 5825-5840.	4.8	78
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	Hub Protein Controversy: Taking a Closer Look at Plant Stress Response Hubs. <i>Frontiers in Plant Science</i> , 2018, 9, 694.	3.6	75
20	A kaleidoscopic view of the Arabidopsis core cell cycle interactome. <i>Trends in Plant Science</i> , 2011, 16, 141-150.	8.8	70
21	Isolation of Transcription Factor Complexes from Arabidopsis Cell Suspension Cultures by Tandem Affinity Purification. <i>Methods in Molecular Biology</i> , 2011, 754, 195-218.	0.9	64
22	Mutations of the AtYAK1 Kinase Suppress TOR Deficiency in Arabidopsis. <i>Cell Reports</i> , 2019, 27, 3696-3708.e5.	6.4	54
23	Retromer Subunits VPS35A and VPS29 Mediate Prevacuolar Compartment (PVC) Function in Arabidopsis. <i>Molecular Plant</i> , 2013, 6, 1849-1862.	8.3	47
24	A Generic Tool for Transcription Factor Target Gene Discovery in Arabidopsis Cell Suspension Cultures Based on Tandem Chromatin Affinity Purification. <i>Plant Physiology</i> , 2014, 164, 1122-1133.	4.8	43
25	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
26	Glutaredoxin GRXS17 Associates with the Cytosolic Iron-Sulfur Cluster Assembly Pathway. <i>Plant Physiology</i> , 2016, 172, pp.00261.2016.	4.8	35
27	Recent Trends in Plant Protein Complex Analysis in a Developmental Context. <i>Frontiers in Plant Science</i> , 2018, 9, 640.	3.6	32
28	The Cyclin-Dependent Kinase Inhibitor KRP6 Induces Mitosis and Impairs Cytokinesis in Giant Cells Induced by Plant-Parasitic Nematodes in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 2633-2647.	6.6	30
29	Distinct EH domains of the endocytic TPLATE complex confer lipid and protein binding. <i>Nature Communications</i> , 2021, 12, 3050.	12.8	23
30	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
31	The role of HEXOKINASE1 in Arabidopsis leaf growth. <i>Plant Molecular Biology</i> , 2019, 99, 79-93.	3.9	20
32	GS <sup>yellow</sup> , a Multifaceted Tag for Functional Protein Analysis in Monocot and Dicot Plants. <i>Plant Physiology</i> , 2018, 177, 447-464.	4.8	19
33	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
34	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
35	A bioanalytical method for the proteome wide display and analysis of protein complexes from whole plant cell lysates. <i>Proteomics</i> , 2009, 9, 598-609.	2.2	11
36	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

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37	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
38	Gene expression trends and protein features effectively complement each other in gene function prediction. <i>Bioinformatics</i> , 2009, 25, 322-330.	4.1	5