

# Viola Willemsen

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

5,454  
citations

687363

13  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

4331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant growth-promoting rhizobacterium <i>Pseudomonas</i> sp. CM11 specifically induces lateral roots. <i>New Phytologist</i> , 2022, 235, 1575-1588.	7.3	14
2	<i>Physcomitrium patens</i> : A Single Model to Study Oriented Cell Divisions in 1D to 3D Patterning. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2626.	4.1	18
3	Nature and Nurture: Genotype-Dependent Differential Responses of Root Architecture to Agar and Soil Environments. <i>Genes</i> , 2021, 12, 1028.	2.4	6
4	A reflux-and-growth mechanism explains oscillatory patterning of lateral root branching sites. <i>Developmental Cell</i> , 2021, 56, 2176-2191.e10.	7.0	35
5	Geometric cues forecast the switch from two- to three-dimensional growth in <i>Physcomitrella patens</i> . <i>New Phytologist</i> , 2020, 225, 1945-1955.	7.3	16
6	From Stained Plant Tissues to Quantitative Cell Segmentation Analysis with MorphoGraphX. <i>Methods in Molecular Biology</i> , 2020, 2122, 63-83.	0.9	6
7	Gradient Expression of Transcription Factor Imposes a Boundary on Organ Regeneration Potential in Plants. <i>Cell Reports</i> , 2019, 29, 453-463.e3.	6.4	33
8	A Plausible Microtubule-Based Mechanism for Cell Division Orientation in Plant Embryogenesis. <i>Current Biology</i> , 2018, 28, 3031-3043.e2.	3.9	57
9	<i>Cis</i> -regulatory <i>PLETHORA</i> promoter elements directing root and nodule expression are conserved between <i>Arabidopsis thaliana</i> and <i>Medicago truncatula</i> . <i>Plant Signaling and Behavior</i> , 2017, 12, e1278102.	2.4	6
10	The <i>PLETHORA</i> Gene Regulatory Network Guides Growth and Cell Differentiation in <i>Arabidopsis</i> Roots. <i>Plant Cell</i> , 2016, 28, 2937-2951.	6.6	127
11	<i>WOX5</i> Suppresses <i>CYCLIN D</i> Activity to Establish Quiescence at the Center of the Root Stem Cell Niche. <i>Current Biology</i> , 2014, 24, 1939-1944.	3.9	197
12	<i>AINTEGUMENTA</i> -LIKE proteins: hubs in a plethora of networks. <i>Trends in Plant Science</i> , 2014, 19, 146-157.	8.8	157
13	<i>PLETHORA</i> proteins as dose-dependent master regulators of <i>Arabidopsis</i> root development. <i>Nature</i> , 2007, 449, 1053-1057.	27.8	743
14	The PIN auxin efflux facilitator network controls growth and patterning in <i>Arabidopsis</i> roots. <i>Nature</i> , 2005, 433, 39-44.	27.8	1,789
15	The <i>PLETHORA</i> Genes Mediate Patterning of the <i>Arabidopsis</i> Root Stem Cell Niche. <i>Cell</i> , 2004, 119, 109-120.	28.9	1,022
16	Short-range control of cell differentiation in the <i>Arabidopsis</i> root meristem. <i>Nature</i> , 1997, 390, 287-289.	27.8	659
17	Experimental and genetic analysis of root development in <i>Arabidopsis thaliana</i> . <i>Plant and Soil</i> , 1996, 187, 97-105.	3.7	31
18	Cell fate in the <i>Arabidopsis</i> root meristem determined by directional signalling. <i>Nature</i> , 1995, 378, 62-65.	27.8	535

#	ARTICLE	IF	CITATIONS
19	Mosses: Accessible Systems for Plant Development Studies. , 0, , .		1