

Stéphane Verger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8925311/publications.pdf>

Version: 2024-02-01

17
papers

722
citations

840776

11
h-index

888059

17
g-index

33
all docs

33
docs citations

33
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Why plants make puzzle cells, and how their shape emerges. <i>ELife</i> , 2018, 7, .	6.0	208
2	A tension-adhesion feedback loop in plant epidermis. <i>ELife</i> , 2018, 7, .	6.0	110
3	A galactosyltransferase acting on arabinogalactan protein glycans is essential for embryo development in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2013, 76, 128-137.	5.7	80
4	Cell adhesion in plants is under the control of putative O-fucosyltransferases. <i>Development (Cambridge)</i> , 2016, 143, 2536-40.	2.5	62
5	ImageJ SurfCut: a user-friendly pipeline for high-throughput extraction of cell contours from 3D image stacks. <i>BMC Biology</i> , 2019, 17, 38.	3.8	41
6	Microtubule Response to Tensile Stress Is Curbed by NEK6 to Buffer Growth Variation in the <i>Arabidopsis</i> Hypocotyl. <i>Current Biology</i> , 2020, 30, 1491-1503.e2.	3.9	39
7	FERONIA and microtubules independently contribute to mechanical integrity in the <i>Arabidopsis</i> shoot. <i>PLoS Biology</i> , 2021, 19, e3001454.	5.6	32
8	Developing a "thick skin": a paradoxical role for mechanical tension in maintaining epidermal integrity?. <i>Development (Cambridge)</i> , 2016, 143, 3249-3258.	2.5	30
9	Feeling Stressed or Strained? A Biophysical Model for Cell Wall Mechanosensing in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 757.	3.6	30
10	External Mechanical Cues Reveal a Katanin-Independent Mechanism behind Auxin-Mediated Tissue Bending in Plants. <i>Developmental Cell</i> , 2021, 56, 67-80.e3.	7.0	29
11	Mechanical Conflicts in Twisting Growth Revealed by Cell-Cell Adhesion Defects. <i>Frontiers in Plant Science</i> , 2019, 10, 173.	3.6	12
12	Polar expedition: mechanisms for protein polar localization. <i>Current Opinion in Plant Biology</i> , 2020, 53, 134-140.	7.1	11
13	Effects of <i>Arabidopsis</i> wall associated kinase mutations on ESMERALDA1 and elicitor induced ROS. <i>PLoS ONE</i> , 2021, 16, e0251922.	2.5	10
14	Plant Physiology: FERONIA Defends the Cell Walls against Corrosion. <i>Current Biology</i> , 2018, 28, R215-R217.	3.9	9
15	Characterising the mechanics of cell-cell adhesion in plants. <i>Quantitative Plant Biology</i> , 2022, 3, .	2.0	6
16	Cell adhesion in plants is under the control of putative O-fucosyltransferases. <i>Journal of Cell Science</i> , 2016, 129, e1.2-e1.2.	2.0	3
17	An Image Analysis Pipeline to Quantify Emerging Cracks in Materials or Adhesion Defects in Living Tissues. <i>Bio-protocol</i> , 2018, 8, e3036.	0.4	2