

Robertas Ursache

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4216881/publications.pdf>

Version: 2024-02-01

17
papers

1,412
citations

623699

14
h-index

794568

19
g-index

26
all docs

26
docs citations

26
times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	Microtubule-based perception of mechanical conflicts controls plant organ morphogenesis. <i>Science Advances</i> , 2022, 8, eabm4974.	10.3	15
2	GDSL-domain proteins have key roles in suberin polymerization and degradation. <i>Nature Plants</i> , 2021, 7, 353-364.	9.3	82
3	Resveratrol and related stilbene derivatives induce stress granules with distinct clearance kinetics. <i>Molecular Biology of the Cell</i> , 2021, 32, ar18.	2.1	10
4	Combined fluorescent seed selection and multiplex CRISPR/Cas9 assembly for fast generation of multiple <i>Arabidopsis</i> mutants. <i>Plant Methods</i> , 2021, 17, 111.	4.3	27
5	Cell-by-cell dissection of phloem development links a maturation gradient to cell specialization. <i>Science</i> , 2021, 374, eaba5531.	12.6	60
6	High-order mutants reveal an essential requirement for peroxidases but not laccases in Casparian strip lignification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29166-29177.	7.1	57
7	An inducible genome editing system for plants. <i>Nature Plants</i> , 2020, 6, 766-772.	9.3	77
8	<scp>SCHENGEN</scp> receptor module drives localized <scp>ROS</scp> production and lignification in plant roots. <i>EMBO Journal</i> , 2020, 39, e103894.	7.8	82
9	Diffusible repression of cytokinin signalling produces endodermal symmetry and passage cells. <i>Nature</i> , 2018, 555, 529-533.	27.8	106
10	A protocol for combining fluorescent proteins with histological stains for diverse cell wall components. <i>Plant Journal</i> , 2018, 93, 399-412.	5.7	324
11	Transient cell-specific EXO70A1 activity in the CASP domain and Casparian strip localization. <i>Nature Plants</i> , 2017, 3, 17058.	9.3	83
12	MultiSite Gateway-Compatible Cell Type-Specific Gene-Inducible System for Plants. <i>Plant Physiology</i> , 2016, 170, 627-641.	4.8	119
13	Xylem development “from the cradle to the grave”. <i>New Phytologist</i> , 2015, 207, 519-535.	7.3	112
14	CHOLINE TRANSPORTER-LIKE1 is required for sieve plate development to mediate long-distance cell-to-cell communication. <i>Nature Communications</i> , 2014, 5, 4276.	12.8	69
15	Tryptophan-dependent auxin biosynthesis is required for HD-ZIP III-mediated xylem patterning. <i>Development (Cambridge)</i> , 2014, 141, 1250-1259.	2.5	85
16	Genetic and hormonal regulation of cambial development. <i>Physiologia Plantarum</i> , 2013, 147, 36-45.	5.2	66
17	Plant Development: How Long Is a Root?. <i>Current Biology</i> , 2012, 22, R919-R921.	3.9	4