

Julien M Gronnier

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,288
citations

623734

14
h-index

888059

17
g-index

23
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23
docs citations

23
times ranked

1593
citing authors

#	ARTICLE	IF	CITATIONS
1	The calcium-permeable channel OSCA1.3 regulates plant stomatal immunity. <i>Nature</i> , 2020, 585, 569-573.	27.8	208
2	Plant lipids: Key players of plasma membrane organization and function. <i>Progress in Lipid Research</i> , 2019, 73, 1-27.	11.6	167
3	Revisiting Plant Plasma Membrane Lipids in Tobacco: A Focus on Sphingolipids. <i>Plant Physiology</i> , 2016, 170, 367-384.	4.8	137
4	Structural basis for plant plasma membrane protein dynamics and organization into functional nanodomains. <i>ELife</i> , 2017, 6, .	6.0	135
5	Wheat Pm4 resistance to powdery mildew is controlled by alternative splice variants encoding chimeric proteins. <i>Nature Plants</i> , 2021, 7, 327-341.	9.3	85
6	Divide and Rule: Plant Plasma Membrane Organization. <i>Trends in Plant Science</i> , 2018, 23, 899-917.	8.8	83
7	REM1.3's phospho-status defines its plasma membrane nanodomain organization and activity in restricting PVX cell-to-cell movement. <i>PLoS Pathogens</i> , 2018, 14, e1007378.	4.7	73
8	Arabidopsis CER1-LIKE1 Functions in a Cuticular Very-Long-Chain Alkane-Forming Complex. <i>Plant Physiology</i> , 2019, 179, 415-432.	4.8	73
9	GIPC: Glycosyl Inositol Phospho Ceramides, the major sphingolipids on earth. <i>Plant Signaling and Behavior</i> , 2016, 11, e1152438.	2.4	64
10	A membrane-bound ankyrin repeat protein confers race-specific leaf rust disease resistance in wheat. <i>Nature Communications</i> , 2021, 12, 956.	12.8	63
11	StRemorin1.3 hampers <i>Potato virus X</i> TGBp1 ability to increase plasmodesmata permeability, but does not interfere with its silencing suppressor activity. <i>FEBS Letters</i> , 2014, 588, 1699-1705.	2.8	61
12	Regulation of immune receptor kinase plasma membrane nanoscale organization by a plant peptide hormone and its receptors. <i>ELife</i> , 2022, 11, .	6.0	44
13	Coiled-coil oligomerization controls localization of the plasma membrane REMORINs. <i>Journal of Structural Biology</i> , 2019, 206, 12-19.	2.8	23
14	Connecting the dots: from nanodomains to physiological functions of REMORINs. <i>Plant Physiology</i> , 2021, 185, 632-649.	4.8	22
15	Mechanisms governing subcompartmentalization of biological membranes. <i>Current Opinion in Plant Biology</i> , 2019, 52, 114-123.	7.1	18
16	Plastidic Δ^6 Fatty-Acid Desaturases with Distinctive Substrate Specificity Regulate the Pool of C18-PUFAs in the Ancestral Picoalga <i>Ostreococcus tauri</i> . <i>Plant Physiology</i> , 2020, 184, 82-96.	4.8	7