

Yoselin Benitez-Alfonso

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,159
citations

331259

21
h-index

395343

33
g-index

41
all docs

41
docs citations

41
times ranked

2324
citing authors

#	ARTICLE	IF	CITATIONS
1	George Washington Carver: A plant scientistâ€™s perspective. <i>Current Biology</i> , 2022, 32, R9-R13.	1.8	2
2	Plasmodesmata Structural Components and Their Role in Signaling and Plant Development. <i>Methods in Molecular Biology</i> , 2022, 2457, 3-22.	0.4	4
3	Immunofluorescence Detection of Callose in Plant Tissue Sections. <i>Methods in Molecular Biology</i> , 2022, 2457, 167-176.	0.4	2
4	Genetic variation in <i>CaTIFY4b</i> contributes to drought adaptation in chickpea. <i>Plant Biotechnology Journal</i> , 2022, 20, 1701-1715.	4.1	23
5	A comparative meta-proteomic pipeline for the identification of plasmodesmata proteins and regulatory conditions in diverse plant species. <i>BMC Biology</i> , 2022, 20, .	1.7	9
6	Plasmodesmata and their role in the regulation of phloem unloading during fruit development. <i>Current Opinion in Plant Biology</i> , 2021, 64, 102145.	3.5	10
7	How to build an effective research network: lessons from two decades of the GARNet plant science community. <i>Journal of Experimental Botany</i> , 2020, 71, 6881-6889.	2.4	0
8	Cell Wall Polymer Composition and Spatial Distribution in Ripe Banana and Mango Fruit: Implications for Cell Adhesion and Texture Perception. <i>Frontiers in Plant Science</i> , 2019, 10, 858.	1.7	18
9	Tightening the pores to unload the phloem. <i>Nature Plants</i> , 2019, 5, 561-562.	4.7	3
10	The Role of Abscisic Acid in the Regulation of Plasmodesmata and Symplastic Intercellular Transport. <i>Plant and Cell Physiology</i> , 2019, 60, 713-714.	1.5	6
11	Plasma Membrane-Associated Receptor-like Kinases Relocalize to Plasmodesmata in Response to Osmotic Stress. <i>Plant Physiology</i> , 2019, 181, 142-160.	2.3	57
12	From plasmodesma geometry to effective symplastic permeability through biophysical modelling. <i>ELife</i> , 2019, 8, .	2.8	25
13	Emerging models on the regulation of intercellular transport by plasmodesmata-associated callose. <i>Journal of Experimental Botany</i> , 2018, 69, 105-115.	2.4	82
14	Callose-Regulated Symplastic Communication Coordinates Symbiotic Root Nodule Development. <i>Current Biology</i> , 2018, 28, 3562-3577.e6.	1.8	41
15	Interactions between callose and cellulose revealed through the analysis of biopolymer mixtures. <i>Nature Communications</i> , 2018, 9, 4538.	5.8	47
16	Sucrose Transporter <i>ZmSut1</i> Expression and Localization Uncover New Insights into Sucrose Phloem Loading. <i>Plant Physiology</i> , 2016, 172, 1876-1898.	2.3	81
17	Symplastic communication in organ formation and tissue patterning. <i>Current Opinion in Plant Biology</i> , 2016, 29, 21-28.	3.5	68
18	Specific Membrane Lipid Composition Is Important for Plasmodesmata Function in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 1228-1250.	3.1	173

#	ARTICLE	IF	CITATIONS
19	Immunofluorescence Detection of Callose Deposition Around Plasmodesmata Sites. <i>Methods in Molecular Biology</i> , 2015, 1217, 95-104.	0.4	9
20	A phylogenetic approach to study the origin and evolution of plasmodesmata-localized glycosyl hydrolases family 17. <i>Frontiers in Plant Science</i> , 2014, 5, 212.	1.7	33
21	Symplastic intercellular transport from a developmental perspective. <i>Journal of Experimental Botany</i> , 2014, 65, 1857-1863.	2.4	30
22	Roles and regulation of plant cell walls surrounding plasmodesmata. <i>Current Opinion in Plant Biology</i> , 2014, 22, 93-100.	3.5	46
23	Symplastic Intercellular Connectivity Regulates Lateral Root Patterning. <i>Developmental Cell</i> , 2013, 26, 136-147.	3.1	216
24	Callose deposition and symplastic connectivity are regulated prior to lateral root emergence. <i>Communicative and Integrative Biology</i> , 2013, 6, e26531.	0.6	29
25	LYM2-dependent chitin perception limits molecular flux via plasmodesmata. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9166-9170.	3.3	248
26	Plasmodesmata "in Communicado". <i>Frontiers in Plant Science</i> , 2012, 3, 30.	1.7	19
27	Arabidopsis Plasmodesmal Proteome. <i>PLoS ONE</i> , 2011, 6, e18880.	1.1	238
28	Plasmodesmata " membrane tunnels with attitude. <i>Current Opinion in Plant Biology</i> , 2011, 14, 683-690.	3.5	88
29	Redox regulation of intercellular transport. <i>Protoplasma</i> , 2011, 248, 131-140.	1.0	50
30	Plasmodesmata: Gateways to Local and Systemic Virus Infection. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1403-1412.	1.4	155
31	Control of <i>Arabidopsis</i> meristem development by thioredoxin-dependent regulation of intercellular transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3615-3620.	3.3	238
32	Redox homeostasis regulates plasmodesmal communication in Arabidopsis meristems. <i>Plant Signaling and Behavior</i> , 2009, 4, 655-659.	1.2	39
33	Regulation of KNOTTED1 cell-to-cell trafficking by a chaperonin protein. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, S211.	0.8	0
34	Molecular analysis of the interaction between <i>Olea europaea</i> and the biotrophic fungus <i>Spilocaea oleagina</i> . <i>Molecular Plant Pathology</i> , 2005, 6, 425-438.	2.0	34
35	Callose-Regulated Symplastic Communication Coordinates Symbiotic Root Nodule Development. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0