Robert C Augustine

List of Publications by Year
in descending order

19	1,116	840776 11	1058476 14
papers	citations	h-index	g-index

19	19	19	1721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid formin-mediated actin-filament elongation is essential for polarized plant cell growth. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13341-13346.	7.1	158
2	Myosin XI Is Essential for Tip Growth inPhyscomitrella patensÂ. Plant Cell, 2010, 22, 1868-1882.	6.6	142
3	Profilin Is Essential for Tip Growth in the MossPhyscomitrella patens. Plant Cell, 2007, 19, 3705-3722.	6.6	131
4	Maize multi-omics reveal roles for autophagic recycling in proteome remodelling and lipid turnover. Nature Plants, 2018, 4, 1056-1070.	9.3	124
5	SUMOylome Profiling Reveals a Diverse Array of Nuclear Targets Modified by the SUMO Ligase SIZ1 during Heat Stress. Plant Cell, 2018, 30, 1077-1099.	6.6	120
6	SUMOylation: re-wiring the plant nucleus during stress and development. Current Opinion in Plant Biology, 2018, 45, 143-154.	7.1	116
7	Actin depolymerizing factor is essential for viability in plants, and its phosphoregulation is important for tip growth. Plant Journal, 2008, 54, 863-875.	5.7	107
8	Actin Interacting Protein1 and Actin Depolymerizing Factor Drive Rapid Actin Dynamics inPhyscomitrella patensÂ. Plant Cell, 2011, 23, 3696-3710.	6.6	70
9	Defining the SUMO System in Maize: SUMOylation Is Up-Regulated during Endosperm Development and Rapidly Induced by Stress. Plant Physiology, 2016, 171, 2191-2210.	4.8	58
10	Autophagy Plays Prominent Roles in Amino Acid, Nucleotide, and Carbohydrate Metabolism during Fixed-Carbon Starvation in Maize. Plant Cell, 2020, 32, 2699-2724.	6.6	53
11	Rapid Screening for Temperature-Sensitive Alleles in Plants. Plant Physiology, 2009, 151, 506-514.	4.8	23
12	The SUMO ligase MMS21 profoundly influences maize development through its impact on genome activity and stability. PLoS Genetics, 2021, 17, e1009830.	3.5	10
13	Nuclear Positioning Requires a Tug-of-War between Kinesin Motors. Plant Cell, 2018, 30, 1383-1384.	6.6	2
14	You Are What You Eat: An ATG1-Independent Path to Autophagy. Plant Cell, 2019, 31, 2821-2822.	6.6	2
15	Live and Let Die: Phosphatidic Acid Modulates the Self-Incompatibility Response. Plant Cell, 2018, 30, 950-950.	6.6	0
16	The ABCCs of Saffron Transportomics. Plant Cell, 2019, 31, tpc.00720.2019.	6.6	0
17	FRA1 Kinesin Prevents Cell Wall Deposition from Going Off the Rails. Plant Cell, 2020, 32, 2455-2456.	6.6	0
18	Pioneering algal recombineering. Plant Cell, 2021, 33, 1093-1094.	6.6	0

#	Article	IF	Citations
19	Editor Profile: Pascal Genschik. Plant Cell, 2020, 32, 2446-2448.	6.6	0