Patricia Zambryski

List of Publications by Year
in descending order

20 papers	1,159 citations	623734 14 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	977 citing authors

#	Article	IF	Citations
1	Agrobacterium tumefaciens Growth Pole Ring Protein: C Terminus and Internal Apolipoprotein Homologous Domains Are Essential for Function and Subcellular Localization. MBio, 2021, 12, .	4.1	9
2	Segregation of four Agrobacterium tumefaciens replicons during polar growth: PopZ and PodJ control segregation of essential replicons. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26366-26373.	7.1	9
3	TOR dynamically regulates plant cellâ€“cell transport. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5049-5058.	7.1	73
4	Plant Cell-Cell Transport via Plasmodesmata Is Regulated by Light and the Circadian Clock. Plant Physiology, 2019, 181, 1459-1467.	4.8	23
5	GROWTH POLE RING protein forms a 200-nm-diameter ring structure essential for polar growth and rod shape in Agrobacterium tumefaciens. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10962-10967.	7.1	25
6	Visualizing Stromule Frequency with Fluorescence Microscopy. Journal of Visualized Experiments, 2016, , .	0.3	2
7	Investigating Plasmodesmata Genetics with Virus-Induced Gene Silencing and an Agrobacterium-Mediated GFP Movement Assay. Methods in Molecular Biology, 2015, 1217, 185-198.	0.9	19
8	Fundamental discoveries and simple recombination between circular plasmid DNAs led to widespread use of Agrobacterium tumefaciens as a generalized vector for plant genetic engineering. International Journal of Developmental Biology, 2013, 57, 449-452.	0.6	7
9	Redox States of Plastids and Mitochondria Differentially Regulate Intercellular Transport via Plasmodesmata Â. Plant Physiology, 2012, 158, 190-199.	4.8	104
10	Loss of the plant DEAD-box protein ISE1 leads to defective mitochondria and increased cell-to-cell transport via plasmodesmata. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17229-17234.	7.1	136
11	Plasmodesmata. Current Biology, 2008, 18, R324-R325.	3.9	16
12	INCREASED SIZE EXCLUSION LIMIT2 Encodes a Putative DEVH Box RNA Helicase Involved in Plasmodesmata Function during Arabidopsis Embryogenesis. Plant Cell, 2007, 19, 1885-1897.	6.6	122
13	Cell-to-cell transport of proteins and fluorescent tracers via plasmodesmata during plant development. Journal of Cell Biology, 2004, 164, 165-168.	5.2	98
14	Leaf-to-shoot apex movement of symplastic tracer is restricted coincident with flowering in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1713-1717.	7.1	76
15	Plasmodesmata: Gatekeepers for Cell-to-Cell Transport of Developmental Signals in Plants. Annual Review of Cell and Developmental Biology, 2000, 16, 393-421.	9.4	208
16	TheAgrobacteriumDNA Transfer Complex. Critical Reviews in Plant Sciences, 1997, 16, 279-295.	5.7	101
17	Ultrastructural analysis of leaf trichome plasmodesmata reveals major differences from mesophyll plasmodesmata. Planta, 1997, 203, 75-84.	3.2	8
18	Ultrastructural analysis of leaf trichome plasmodesmata reveals major differences from mesophyll plasmodesmata. Planta, 1997, 203, 75-84.	3.2	59

#	Article	IF	Citations
19	The Agrobacterium DNA Transfer Complex. Critical Reviews in Plant Sciences, 1997, 16, 279-296.	5.7	14
20	Three knotted1-like homeobox genes in Arabidopsis. Plant Molecular Biology, 1996, 32, 673-683.	3.9	50