

Daniel Hofius

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

6,591
citations

29
h-index

49
g-index

49
ext. papers

7,728
ext. citations

9.5
avg, IF

5.06
L-index

#	Paper	IF	Citations
47	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
46	Autophagic components contribute to hypersensitive cell death in Arabidopsis. <i>Cell</i> , 2009 , 137, 773-83	56.2	274
45	Specific roles of alpha- and gamma-tocopherol in abiotic stress responses of transgenic tobacco. <i>Plant Physiology</i> , 2007 , 143, 1720-38	6.6	197
44	RNAi-mediated tocopherol deficiency impairs photoassimilate export in transgenic potato plants. <i>Plant Physiology</i> , 2004 , 135, 1256-68	6.6	148
43	Selective autophagy limits cauliflower mosaic virus infection by NBR1-mediated targeting of viral capsid protein and particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2026-E2035	11.5	138
42	Autoimmunity in Arabidopsis <i>acd11</i> is mediated by epigenetic regulation of an immune receptor. <i>PLoS Pathogens</i> , 2010 , 6, e1001137	7.6	122
41	Transfer of phloem-mobile substances from the host plants to the holoparasite <i>Cuscuta</i> sp. <i>Journal of Experimental Botany</i> , 2006 , 57, 911-21	7	120
40	HSP70 and its cochaperone CPIP promote potyvirus infection in <i>Nicotiana benthamiana</i> by regulating viral coat protein functions. <i>Plant Cell</i> , 2010 , 22, 523-35	11.6	105
39	Capsid protein-mediated recruitment of host DnaJ-like proteins is required for Potato virus Y infection in tobacco plants. <i>Journal of Virology</i> , 2007 , 81, 11870-80	6.6	99
38	Autophagy as initiator or executioner of cell death. <i>Trends in Plant Science</i> , 2014 , 19, 692-7	13.1	98
37	Vitamin E biosynthesis: biochemistry meets cell biology. <i>Trends in Plant Science</i> , 2003 , 8, 6-8	13.1	91
36	Inducible cell death in plant immunity. <i>Seminars in Cancer Biology</i> , 2007 , 17, 166-87	12.7	90
35	Temporal and spatial control of gene silencing in transgenic plants by inducible expression of double-stranded RNA. <i>Plant Journal</i> , 2003 , 36, 731-40	6.9	85
34	Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro. <i>Plant Physiology</i> , 2018 , 176, 649-662	6.6	84
33	Catalase and NO CATALASE ACTIVITY1 promote autophagy-dependent cell death in Arabidopsis. <i>Plant Cell</i> , 2013 , 25, 4616-26	11.6	80
32	Evidence for expression level-dependent modulation of carbohydrate status and viral resistance by the potato leafroll virus movement protein in transgenic tobacco plants. <i>Plant Journal</i> , 2001 , 28, 529-43	6.9	74
31	Transcriptional stimulation of rate-limiting components of the autophagic pathway improves plant fitness. <i>Journal of Experimental Botany</i> , 2018 , 69, 1415-1432	7	73

30	Intracellular trafficking of Potato leafroll virus movement protein in transgenic Arabidopsis. <i>Traffic</i> , 2007 , 8, 1205-14	5.7	66
29	Autophagy as a mediator of life and death in plants. <i>Current Opinion in Plant Biology</i> , 2017 , 40, 122-130	9.9	64
28	Membrane trafficking and autophagy in pathogen-triggered cell death and immunity. <i>Journal of Experimental Botany</i> , 2014 , 65, 1297-312	7	61
27	Bacteria Exploit Autophagy for Proteasome Degradation and Enhanced Virulence in Plants. <i>Plant Cell</i> , 2018 , 30, 668-685	11.6	59
26	Autophagy deficiency leads to accumulation of ubiquitinated proteins, ER stress, and cell death in Arabidopsis. <i>Autophagy</i> , 2014 , 10, 1579-87	10.2	54
25	Autophagy as an emerging arena for plant-pathogen interactions. <i>Current Opinion in Plant Biology</i> , 2017 , 38, 117-123	9.9	52
24	Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. <i>Journal of Experimental Botany</i> , 2018 , 69, 1335-1353	7	52
23	Arabidopsis accelerated cell death 11, ACD11, is a ceramide-1-phosphate transfer protein and intermediary regulator of phytoceramide levels. <i>Cell Reports</i> , 2014 , 6, 388-99	10.6	52
22	Functional analysis of the essential bifunctional tobacco enzyme 3-dehydroquinate dehydratase/shikimate dehydrogenase in transgenic tobacco plants. <i>Journal of Experimental Botany</i> , 2007 , 58, 2053-67	7	52
21	Retromer contributes to immunity-associated cell death in Arabidopsis. <i>Plant Cell</i> , 2015 , 27, 463-79	11.6	51
20	Chromatin assembly factor CAF-1 represses priming of plant defence response genes. <i>Nature Plants</i> , 2015 , 1, 15127	11.5	43
19	Tocopherol deficiency in transgenic tobacco (<i>Nicotiana tabacum</i> L.) plants leads to accelerated senescence. <i>Plant, Cell and Environment</i> , 2009 , 32, 144-57	8.4	34
18	Human GLTP and mutant forms of ACD11 suppress cell death in the Arabidopsis <i>acd11</i> mutant. <i>FEBS Journal</i> , 2008 , 275, 4378-88	5.7	27
17	Identification of proteins interacting with Arabidopsis ACD11. <i>Journal of Plant Physiology</i> , 2009 , 166, 661-6	3.6	26
16	The silver lining of a viral agent: increasing seed yield and harvest index in Arabidopsis by ectopic expression of the potato leaf roll virus movement protein. <i>Plant Physiology</i> , 2007 , 145, 905-18	6.6	26
15	Signaling unmasked: Autophagy and catalase promote programmed cell death. <i>Autophagy</i> , 2014 , 10, 520-1	10.2	23
14	Autophagy-virus interplay in plants: from antiviral recognition to proviral manipulation. <i>Molecular Plant Pathology</i> , 2019 , 20, 1211-1216	5.7	21
13	Lazarus1, a DUF300 protein, contributes to programmed cell death associated with Arabidopsis <i>acd11</i> and the hypersensitive response. <i>PLoS ONE</i> , 2010 , 5, e12586	3.7	19

12	The RING-Type E3 Ligase XBAT35.2 Is Involved in Cell Death Induction and Pathogen Response. <i>Plant Physiology</i> , 2017 , 175, 1469-1483	6.6	18
11	NBR1-mediated antiviral xenophagy in plant immunity. <i>Autophagy</i> , 2017 , 13, 2000-2001	10.2	15
10	The second face of a known player: Arabidopsis silencing suppressor AtXRN4 acts organ-specifically. <i>New Phytologist</i> , 2011 , 189, 484-93	9.8	12
9	Vacuole Integrity Maintained by DUF300 Proteins Is Required for Brassinosteroid Signaling Regulation. <i>Molecular Plant</i> , 2018 , 11, 553-567	14.4	11
8	Anti- and pro-microbial roles of autophagy in plant-bacteria interactions. <i>Autophagy</i> , 2018 , 14, 1465-1466	10.2	9
7	Arabidopsis RING-type E3 ubiquitin ligase XBAT35.2 promotes proteasome-dependent degradation of ACD11 to attenuate abiotic stress tolerance. <i>Plant Journal</i> , 2020 , 104, 1712-1723	6.9	7
6	Self-consuming innate immunity in Arabidopsis. <i>Autophagy</i> , 2009 , 5, 1206-7	10.2	6
5	Salicylic acid interferes with GFP fluorescence in vivo. <i>Journal of Experimental Botany</i> , 2017 , 68, 1689-1696		4
4	Salicylic acid and the viral virulence factor 2b regulate the divergent roles of autophagy during cucumber mosaic virus infection. <i>Autophagy</i> , 2021 , 1-13	10.2	3
3	Self-ubiquitination of a pathogen type-III effector traps and blocks the autophagy machinery to promote disease		2
2	Polycomb Repressive Complex 2 and KRYPTONITE regulate pathogen-induced programmed cell death in Arabidopsis. <i>Plant Physiology</i> , 2021 , 185, 2003-2021	6.6	2
1	Autophagic degradation of the Cucumber mosaic virus virulence factor 2b balances antiviral RNA silencing with proviral plant fitness and virus seed transmission		1