Daniel Hofius

List of Publications by Year
in descending order

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46 papers	8,410 citations	147801 31 h-index	223800 46 g-index
49 all docs	49 docs citations	49 times ranked	17912 citing authors

#	Article	IF	Citations
1	Salicylic acid and the viral virulence factor 2b regulate the divergent roles of autophagy during cucumber mosaic virus infection. Autophagy, 2022, 18, 1450-1462.	9.1	18
2	A bacterial effector counteracts host autophagy by promoting degradation of an autophagy component. EMBO Journal, 2022, 41, .	7.8	36
3	Polycomb Repressive Complex 2 and KRYPTONITE regulate pathogen-induced programmed cell death in Arabidopsis. Plant Physiology, 2021, 185, 2003-2021.	4.8	15
4	Arabidopsis RINGâ€type E3 ubiquitin ligase XBAT35.2 promotes proteasomeâ€dependent degradation of ACD11 to attenuate abiotic stress tolerance. Plant Journal, 2020, 104, 1712-1723.	5.7	23
5	Autophagyâ€“virus interplay in plants: from antiviral recognition to proviral manipulation. Molecular Plant Pathology, 2019, 20, 1211-1216.	4.2	49
6	Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. Journal of Experimental Botany, 2018, 69, 1335-1353.	4.8	97
7	Bacteria Exploit Autophagy for Proteasome Degradation and Enhanced Virulence in Plants. Plant Cell, 2018, 30, 668-685.	6.6	106
8	Transcriptional stimulation of rate-limiting components of the autophagic pathway improves plant fitness. Journal of Experimental Botany, 2018, 69, 1415-1432.	4.8	120
9	Vacuole Integrity Maintained by DUF300 Proteins Is Required for Brassinosteroid Signaling Regulation. Molecular Plant, 2018, 11, 553-567.	8.3	18
10	Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro. Plant Physiology, 2018, 176, 649-662.	4.8	136
11	Anti- and pro-microbial roles of autophagy in plant-bacteria interactions. Autophagy, 2018, 14, 1465-1466.	9.1	15
12	Selective autophagy limits cauliflower mosaic virus infection by NBR1-mediated targeting of viral capsid protein and particles. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2026-E2035.	7.1	207
13	Autophagy as an emerging arena for plantâ€“pathogen interactions. Current Opinion in Plant Biology, 2017, 38, 117-123.	7.1	88
14	Autophagy as a mediator of life and death in plants. Current Opinion in Plant Biology, 2017, 40, 122-130.	7.1	91
15	NBR1-mediated antiviral xenophagy in plant immunity. Autophagy, 2017, 13, 2000-2001.	9.1	21
16	The RING-Type E3 Ligase XBAT35.2 Is Involved in Cell Death Induction and Pathogen Response. Plant Physiology, 2017, 175, 1469-1483.	4.8	37
17	Salicylic acid interferes with GFP fluorescence in vivo. Journal of Experimental Botany, 2017, 68, 1689-1696.	4.8	4
18	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701

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19	Chromatin assembly factor CAF-1 represses priming of plant defence response genes. Nature Plants, 2015, 1, 15127.	9.3	62
20	Retromer Contributes to Immunity-Associated Cell Death in Arabidopsis. Plant Cell, 2015, 27, 463-479.	6.6	67
21	Signaling unmasked. Autophagy, 2014, 10, 520-521.	9.1	26
22	Autophagy deficiency leads to accumulation of ubiquitinated proteins, ER stress, and cell death inArabidopsis. Autophagy, 2014, 10, 1579-1587.	9.1	75
23	Arabidopsis Accelerated Cell Death 11, ACD11, Is a Ceramide-1-Phosphate Transfer Protein and Intermediary Regulator of Phytoceramide Levels. Cell Reports, 2014, 6, 388-399.	6.4	69
24	Membrane trafficking and autophagy in pathogen-triggered cell death and immunity. Journal of Experimental Botany, 2014, 65, 1297-1312.	4.8	75
25	Autophagy as initiator or executioner of cell death. Trends in Plant Science, 2014, 19, 692-697.	8.8	137
26	Catalase andNO CATALASE ACTIVITY1Promote Autophagy-Dependent Cell Death inArabidopsisÂ Â Â. Plant Cell, 2013, 25, 4616-4626.	6.6	101
27	The second face of a known player: Arabidopsis silencing suppressor AtXRN4 acts organâ€spécifically. New Phytologist, 2011, 189, 484-493.	7.3	13
28	Lazarus1, a DUF300 Protein, Contributes to Programmed Cell Death Associated with Arabidopsis acd11 and the Hypersensitive Response. PLoS ONE, 2010, 5, e12586.	2.5	25
29	HSP70 and Its Cochaperone CPIP Promote Potyvirus Infection in Nicotiana benthamiana by Regulating Viral Coat Protein Functions. Plant Cell, 2010, 22, 523-535.	6.6	125
30	Autoimmunity in Arabidopsis acd11 Is Mediated by Epigenetic Regulation of an Immune Receptor. PLoS Pathogens, 2010, 6, e1001137.	4.7	170
31	Self-consuming innate immunity in Arabidopsis. Autophagy, 2009, 5, 1206-1207.	9.1	6
32	Tocopherol deficiency in transgenic tobacco (Nicotiana tabacum L.) plants leads to accelerated senescence. Plant, Cell and Environment, 2009, 32, 144-157.	5.7	57
33	Autophagic Components Contribute to Hypersensitive Cell Death in Arabidopsis. Cell, 2009, 137, 773-783.	28.9	348
34	Identification of proteins interacting with Arabidopsis ACD11. Journal of Plant Physiology, 2009, 166, 661-666.	3.5	38
35	Human GLTP and mutant forms of ACD11 suppress cell death in the Arabidopsis acd11 mutant. FEBS Journal, 2008, 275, 4378-4388.	4.7	30
36	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. Plant Physiology, 2007, 145, 905-918.	4.8	29

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37	Capsid Protein-Mediated Recruitment of Host DnaJ-Like Proteins Is Required for Potato Virus Y Infection in Tobacco Plants. Journal of Virology, 2007, 81, 11870-11880.	3.4	123
38	Specific Roles of Î±- and Î³-Tocopherol in Abiotic Stress Responses of Transgenic Tobacco. Plant Physiology, 2007, 143, 1720-1738.	4.8	236
39	Functional analysis of the essential bifunctional tobacco enzyme 3-dehydroquinate dehydratase/shikimate dehydrogenase in transgenic tobacco plants. Journal of Experimental Botany, 2007, 58, 2053-2067.	4.8	70
40	Intracellular Trafficking of Potato Leafroll VirusMovement Protein in Transgenic Arabidopsis. Traffic, 2007, 8, 1205-1214.	2.7	75
41	Inducible cell death in plant immunity. Seminars in Cancer Biology, 2007, 17, 166-187.	9.6	98
42	Transfer of phloem-mobile substances from the host plants to the holoparasite Cuscuta sp.. Journal of Experimental Botany, 2006, 57, 911-921.	4.8	141
43	RNAi-Mediated Tocopherol Deficiency Impairs Photoassimilate Export in Transgenic Potato Plants. Plant Physiology, 2004, 135, 1256-1268.	4.8	157
44	Temporal and spatial control of gene silencing in transgenic plants by inducible expression of double-stranded RNA. Plant Journal, 2003, 36, 731-740.	5.7	94
45	Vitamin E biosynthesis: biochemistry meets cell biology. Trends in Plant Science, 2003, 8, 6-8.	8.8	96
46	Evidence for expression level-dependent modulation of carbohydrate status and viral resistance by the potato leafroll virus movement protein in transgenic tobacco plants. Plant Journal, 2001, 28, 529-543.	5.7	77