

Arunika H L A N Gunawardena

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1072476/publications.pdf>

Version: 2024-02-01

34
papers

1,499
citations

361413

20
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

1478
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Plant Programmed Cell Death Revisited. <i>Frontiers in Plant Science</i> , 2021, 12, 672465.	3.6	4
2	RNA-Seq analysis reveals potential regulators of programmed cell death and leaf remodelling in lace plant (<i>Aponogeton madagascariensis</i>). <i>BMC Plant Biology</i> , 2021, 21, 375.	3.6	5
3	Hsp70 plays a role in programmed cell death during the remodelling of leaves of the lace plant (<i>Aponogeton madagascariensis</i>). <i>Journal of Experimental Botany</i> , 2020, 71, 907-918.	4.8	16
4	Determining the effect of calcium on cell death rate and perforation formation during leaf development in the novel model system, the lace plant (<i>Aponogeton madagascariensis</i>). <i>Journal of Microscopy</i> , 2020, 278, 132-144.	1.8	5
5	The role of auxin in developmentally regulated programmed cell death in lace plant. <i>American Journal of Botany</i> , 2020, 107, 577-586.	1.7	7
6	The Function of Autophagy in Lace Plant Programmed Cell Death. <i>Frontiers in Plant Science</i> , 2019, 10, 1198.	3.6	13
7	Vacuolar processing enzymes, AmVPE1 and AmVPE2, as potential executors of ethylene regulated programmed cell death in the lace plant (<i>Aponogeton madagascariensis</i>). <i>Botany</i> , 2018, 96, 235-247.	1.0	12
8	Remodelling of lace plant leaves: antioxidants and ROS are key regulators of programmed cell death. <i>Planta</i> , 2017, 246, 133-147.	3.2	37
9	Discovery of pan autophagy inhibitors through a high-throughput screen highlights macroautophagy as an evolutionarily conserved process across 3 eukaryotic kingdoms. <i>Autophagy</i> , 2017, 13, 1556-1572.	9.1	22
10	Methods to Study Plant Programmed Cell Death. <i>Methods in Molecular Biology</i> , 2016, 1419, 145-160.	0.9	15
11	Identification of Differentially Expressed Genes during Lace Plant Leaf Development. <i>International Journal of Plant Sciences</i> , 2016, 177, 419-431.	1.3	4
12	A comparison of the early developmental morphologies of <i>Aponogeton madagascariensis</i> and <i>A. boivinianus</i> . <i>Botany</i> , 2015, 93, 783-791.	1.0	2
13	Programmed cell death: genes involved in signaling, regulation, and execution in plants and animals. <i>Botany</i> , 2015, 93, 193-210.	1.0	43
14	Lace plant ethylene receptors, AmERS1a and AmERS1c, regulate ethylene-induced programmed cell death during leaf morphogenesis. <i>Plant Molecular Biology</i> , 2015, 89, 215-227.	3.9	22
15	A comparison of induced and developmental cell death morphologies in lace plant (<i>Aponogeton</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.6	24
16	Unveiling Interactions among Mitochondria, Caspase-Like Proteases, and the Actin Cytoskeleton during Plant Programmed Cell Death (PCD). <i>PLoS ONE</i> , 2013, 8, e57110.	2.5	31
17	The pathway of cell dismantling during programmed cell death in lace plant (<i>Aponogeton</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.6	51
18	The lace plant: a novel model system to study plant proteases during developmental programmed cell death in vivo. <i>Physiologia Plantarum</i> , 2012, 145, 114-120.	5.2	13

#	ARTICLE	IF	CITATIONS
19	Programmed cell death in <i>C. elegans</i> , mammals and plants. <i>European Journal of Cell Biology</i> , 2012, 91, 603-613.	3.6	86
20	Dynamic controlled atmosphere (DCA): Does fluorescence reflect physiology in storage?. <i>Postharvest Biology and Technology</i> , 2012, 64, 19-30.	6.0	59
21	Regeneration of the aquatic monocot <i>Aponogeton madagascariensis</i> (lace plant) through callus induction. <i>Aquatic Botany</i> , 2011, 94, 143-149.	1.6	10
22	Do mitochondria play a role in remodelling lace plant leaves during programmed cell death?. <i>BMC Plant Biology</i> , 2011, 11, 102.	3.6	39
23	The interrelationship between the lower oxygen limit, chlorophyll fluorescence and the xanthophyll cycle in plants. <i>Photosynthesis Research</i> , 2011, 107, 223-235.	2.9	20
24	Environmentally induced programmed cell death in leaf protoplasts of <i>Aponogeton madagascariensis</i> . <i>Planta</i> , 2011, 233, 407-421.	3.2	27
25	The effect of temperature and other factors on chlorophyll a fluorescence and the lower oxygen limit in apples (<i>Malus domestica</i>). <i>Postharvest Biology and Technology</i> , 2010, 55, 21-28.	6.0	43
26	Calcium inhibition halts developmental programmed cell death in the lace plant, <i>Aponogeton madagascariensis</i> ?. <i>Botany</i> , 2010, 88, 206-210.	1.0	9
27	In vivo study of developmental programmed cell death using the lace plant (<i>Aponogeton</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 865-876.	1.7	40
28	Programmed cell death and tissue remodelling in plants: Fig. 1.. <i>Journal of Experimental Botany</i> , 2008, 59, 445-451.	4.8	114
29	Cell wall degradation and modification during programmed cell death in lace plant, <i>Aponogeton madagascariensis</i> (<i>Aponogetonaceae</i>). <i>American Journal of Botany</i> , 2007, 94, 1116-1128.	1.7	47
30	The chimeric cyclic nucleotide-gated ion channel ATCNGC11/12 constitutively induces programmed cell death in a Ca ²⁺ dependent manner. <i>Plant Molecular Biology</i> , 2007, 65, 747-761.	3.9	102
31	Alternative modes of leaf dissection in monocotyledons. <i>Botanical Journal of the Linnean Society</i> , 2006, 150, 25-44.	1.6	40
32	Programmed cell death and leaf morphogenesis in <i>Monstera obliqua</i> (Araceae). <i>Planta</i> , 2005, 221, 607-618.	3.2	62
33	Programmed Cell Death Remodels Lace Plant Leaf Shape during Development[W]. <i>Plant Cell</i> , 2004, 16, 60-73.	6.6	177
34	Characterisation of programmed cell death during aerenchyma formation induced by ethylene or hypoxia in roots of maize (<i>Zea mays</i> L.). <i>Planta</i> , 2001, 212, 205-214.	3.2	297