

Daphne R Goring

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.

71
papers

7,070
citations

33
h-index

77
g-index

77
ext. papers

8,250
ext. citations

9.2
avg. IF

5.2
L-index

#	Paper	IF	Citations
71	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
70	ARC1 is an E3 ubiquitin ligase and promotes the ubiquitination of proteins during the rejection of self-incompatible Brassica pollen. <i>Plant Cell</i> , 2003 , 15, 885-98	11.6	251
69	Binding of an arm repeat protein to the kinase domain of the S-locus receptor kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 382-7	11.5	231
68	Cellular pathways regulating responses to compatible and self-incompatible pollen in Brassica and Arabidopsis stigmas intersect at Exo70A1, a putative component of the exocyst complex. <i>Plant Cell</i> , 2009 , 21, 2655-71	11.6	206
67	A breakdown of Brassica self-incompatibility in ARC1 antisense transgenic plants. <i>Science</i> , 1999 , 286, 1729-31	33.3	193
66	The diversity of plant U-box E3 ubiquitin ligases: from upstream activators to downstream target substrates. <i>Journal of Experimental Botany</i> , 2009 , 60, 1109-21	7	175
65	Sentinels at the wall: cell wall receptors and sensors. <i>New Phytologist</i> , 2007 , 176, 7-21	9.8	174
64	A large complement of the predicted Arabidopsis ARM repeat proteins are members of the U-box E3 ubiquitin ligase family. <i>Plant Physiology</i> , 2004 , 134, 59-66	6.6	145
63	In situ detection of beta-galactosidase in lenses of transgenic mice with a gamma-crystallin/lacZ gene. <i>Science</i> , 1987 , 235, 456-8	33.3	135
62	Interactions between the S-domain receptor kinases and AtPUB-ARM E3 ubiquitin ligases suggest a conserved signaling pathway in Arabidopsis. <i>Plant Physiology</i> , 2008 , 147, 2084-95	6.6	114
61	Pollen-pistil interactions regulating successful fertilization in the Brassicaceae. <i>Journal of Experimental Botany</i> , 2010 , 61, 1987-99	7	95
60	Self/nonsel perception and recognition mechanisms in plants: a comparison of self-incompatibility and innate immunity. <i>New Phytologist</i> , 2008 , 178, 503-14	9.8	90
59	The proline-rich, extensin-like receptor kinase-1 (PERK1) gene is rapidly induced by wounding. <i>Plant Molecular Biology</i> , 2002 , 50, 667-85	4.6	73
58	Transformation of a partial nopaline synthase gene into tobacco suppresses the expression of a resident wild-type gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 1770-4	11.5	71
57	The ARC1 E3 ligase gene is frequently deleted in self-compatible Brassicaceae species and has a conserved role in Arabidopsis lyrata self-pollen rejection. <i>Plant Cell</i> , 2012 , 24, 4607-20	11.6	65
56	Characterization of the Arabidopsis thaliana exocyst complex gene families by phylogenetic, expression profiling, and subcellular localization studies. <i>New Phytologist</i> , 2010 , 185, 401-19	9.8	63
55	Pollen Acceptance or Rejection: A Tale of Two Pathways. <i>Trends in Plant Science</i> , 2016 , 21, 1058-1067	13.1	57

54	Secretory activity is rapidly induced in stigmatic papillae by compatible pollen, but inhibited for self-incompatible pollen in the Brassicaceae. <i>PLoS ONE</i> , 2013 , 8, e84286	3.7	57
53	Two Members of the Thioredoxin-h Family Interacts with the Kinase Domain of a Brassica S Locus Receptor Kinase. <i>Plant Cell</i> , 1996 , 8, 1641	11.6	55
52	The self-incompatibility phenotype in brassica is altered by the transformation of a mutant S locus receptor kinase. <i>Plant Cell</i> , 1998 , 10, 209-18	11.6	55
51	Further analysis of the interactions between the Brassica S receptor kinase and three interacting proteins (ARC1, THL1 and THL2) in the yeast two-hybrid system. <i>Plant Molecular Biology</i> , 2001 , 45, 365-76	4.6	50
50	Proteomic analysis of Brassica stigmatic proteins following the self-incompatibility reaction reveals a role for microtubule dynamics during pollen responses. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M111.011338	7.6	49
49	A comprehensive expression analysis of the Arabidopsis proline-rich extensin-like receptor kinase gene family using bioinformatic and experimental approaches. <i>Plant and Cell Physiology</i> , 2004 , 45, 1875-89	4.9	47
48	Multifunctional arm repeat domains in plants. <i>International Review of Cytology</i> , 2006 , 253, 1-26		45
47	The ARC1 E3 Ligase Promotes Two Different Self-Pollen Avoidance Traits in Arabidopsis. <i>Plant Cell</i> , 2014 , 26, 1525-1543	11.6	43
46	Receptor kinase signalling in plants. <i>Canadian Journal of Botany</i> , 2004 , 82, 1-15		42
45	RNA Silencing of Exocyst Genes in the Stigma Impairs the Acceptance of Compatible Pollen in Arabidopsis. <i>Plant Physiology</i> , 2015 , 169, 2526-38	6.6	39
44	Antisense suppression of thioredoxin h mRNA in Brassica napus cv. Westar pistils causes a low level constitutive pollen rejection response. <i>Plant Molecular Biology</i> , 2004 , 55, 619-30	4.6	38
43	Temporal regulation of six crystallin transcripts during mouse lens development. <i>Experimental Eye Research</i> , 1992 , 54, 785-95	3.7	38
42	Use of the polymerase chain reaction to isolate an S-locus glycoprotein cDNA introgressed from Brassica campestris into B. napus ssp. oleifera. <i>Molecular Genetics and Genomics</i> , 1992 , 234, 185-92		37
41	Altered germination and subcellular localization patterns for PUB44/SAUL1 in response to stress and phytohormone treatments. <i>PLoS ONE</i> , 2011 , 6, e21321	3.7	35
40	Plant sciences. Self-rejection--a new kinase connection. <i>Science</i> , 2004 , 303, 1474-5	33.3	33
39	Developmental regulation and cell type-specific expression of the murine gamma F-crystallin gene is mediated through a lens-specific element containing the gamma F-1 binding site. <i>Developmental Dynamics</i> , 1993 , 196, 143-52	2.9	33
38	Identification of an S-locus glycoprotein allele introgressed from B. napus ssp. rapifera to B. napus ssp. oleifera. <i>Plant Journal</i> , 1992 , 2, 983-989	6.9	28
37	PERK-KIPK-KCBP signalling negatively regulates root growth in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , 2015 , 66, 71-83	7	27

36	Interrelationships between cytoplasmic Ca ²⁺ peaks, pollen hydration and plasma membrane conductances during compatible and incompatible pollinations of <i>Brassica napus</i> papillae. <i>Plant and Cell Physiology</i> , 1997 , 38, 985-99	4.9	26
35	High humidity partially rescues the <i>Arabidopsis thaliana</i> exo70A1 stigmatic defect for accepting compatible pollen. <i>Plant Reproduction</i> , 2014 , 27, 121-7	3.9	24
34	Altered Expression of PERK Receptor Kinases in <i>Arabidopsis</i> Leads to Changes in Growth and Floral Organ Formation. <i>Plant Signaling and Behavior</i> , 2006 , 1, 251-60	2.5	21
33	A conserved role for the ARC1 E3 ligase in Brassicaceae self-incompatibility. <i>Frontiers in Plant Science</i> , 2014 , 5, 181	6.2	20
32	Exocyst, exosomes, and autophagy in the regulation of Brassicaceae pollen-stigma interactions. <i>Journal of Experimental Botany</i> , 2017 , 69, 69-78	7	18
31	The ARC1 E3 ligase promotes a strong and stable self-incompatibility response in <i>Arabidopsis</i> species: response to the Nasrallah and Nasrallah commentary. <i>Plant Cell</i> , 2014 , 26, 3842-6	11.6	18
30	The Molecular and Cellular Regulation of Brassicaceae Self-Incompatibility and Self-Pollen Rejection. <i>International Review of Cell and Molecular Biology</i> , 2019 , 343, 1-35	6	17
29	Loss of callose in the stigma papillae does not affect the <i>Brassica</i> self-incompatibility phenotype. <i>Planta</i> , 1997 , 203, 327-331	4.7	17
28	Transformation of <i>Arabidopsis</i> with a <i>Brassica</i> SLG/SRK region and ARC1 gene is not sufficient to transfer the self-incompatibility phenotype. <i>Molecular Genetics and Genomics</i> , 2000 , 263, 648-54		17
27	The molecular biology of self-incompatibility systems in flowering plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2001 , 67, 93-114	2.7	16
26	An S Receptor Kinase Gene in Self-Compatible <i>Brassica napus</i> Has a 1-bp Deletion. <i>Plant Cell</i> , 1993 , 5, 531	11.6	16
25	Features of the extracellular domain of the S-locus receptor kinase from <i>Brassica</i> . <i>Molecular Genetics and Genomics</i> , 1994 , 244, 630-7		15
24	Misregulation of phosphoinositides in <i>Arabidopsis thaliana</i> decreases pollen hydration and maternal fertility. <i>Sexual Plant Reproduction</i> , 2011 , 24, 319-26		14
23	Neither compatible nor self-incompatible pollinations of <i>Brassica napus</i> involve reorganization of the papillar cytoskeleton. <i>New Phytologist</i> , 1999 , 141, 199-207	9.8	13
22	Identification of a role for an E6-like 1 gene in early pollen-stigma interactions in <i>Arabidopsis thaliana</i> . <i>Plant Reproduction</i> , 2019 , 32, 307-322	3.9	9
21	Yeast two-hybrid interactions between <i>Arabidopsis lyrata</i> S Receptor Kinase and the ARC1 E3 ligase. <i>Plant Signaling and Behavior</i> , 2016 , 11, e1188233	2.5	9
20	The Search for Components of the Self-incompatibility Signalling Pathway(s) in <i>Brassica napus</i> . <i>Annals of Botany</i> , 2000 , 85, 171-179	4.1	8
19	Analysis of spontaneous mutations in a chromosomally located HSV-1 thymidine kinase (TK) gene in a human cell line. <i>Somatic Cell and Molecular Genetics</i> , 1987 , 13, 47-56		7

18	A cytotoxic effect associated with 9-(1,3-dihydroxy-2-propoxymethyl)-guanine is observed during the selection for drug resistant human cells containing a single herpesvirus thymidine kinase gene. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 133, 195-201	3.4	6
17	Characterization of a novel Brassica napus kinase, BNK1. <i>Plant Science</i> , 2001 , 160, 611-620	5.3	5
16	Generation of Transgenic Self-Incompatible Shows a Genus-Specific Preference for Self-Incompatibility Genes. <i>Plants</i> , 2019 , 8,	4.5	5
15	S-Locus Receptor Kinase Genes and Self-incompatibility in Brassica napus. <i>Plant Gene Research</i> , 1996 , 217-230		4
14	Investigations into a putative role for the novel BRASSIKIN pseudokinases in compatible pollen-stigma interactions in Arabidopsis thaliana. <i>BMC Plant Biology</i> , 2019 , 19, 549	5.3	4
13	Dominance modifier: Expanding mate options. <i>Nature Plants</i> , 2016 , 3, 16210	11.5	2
12	Autophagy in the rejection of self-pollen in the mustard family. <i>Autophagy</i> , 2014 , 10, 2379-80	10.2	2
11	Reversible ubiquitylation in plant biology. <i>Frontiers in Plant Science</i> , 2014 , 5, 707	6.2	2
10	Identification of a role for an E6-like 1 gene in early pollen-stigma interactions in Arabidopsis thaliana		2
9	Two subgroups of receptor-like kinases promote early compatible pollen responses in the Arabidopsis thaliana pistil. <i>Journal of Experimental Botany</i> , 2021 , 72, 1198-1211	7	2
8	Signaling Events in Pollen Acceptance or Rejection in the Arabidopsis Species 2014 , 255-271		1
7	A Toolkit for Teasing Apart the Early Stages of Pollen-Stigma Interactions in Arabidopsis thaliana. <i>Methods in Molecular Biology</i> , 2020 , 2160, 13-28	1.4	1
6	The Regulation of Pollen-Pistil Interactions by Receptor-Like Kinases. <i>Signaling and Communication in Plants</i> , 2012 , 125-143	1	
5	Plant science. Pollen gets more complex. <i>Science</i> , 2010 , 330, 767-8	33.3	
4	The Self-Incompatibility Phenotype in Brassica Is Altered by the Transformation of a Mutant S Locus Receptor Kinase. <i>Plant Cell</i> , 1998 , 10, 209	11.6	
3	Molecular Characterization of the S Locus in Two Self-Incompatible Brassica napus Lines. <i>Plant Cell</i> , 1996 , 8, 2369	11.6	
2	Following the Time-Course of Post-pollination Events by Transmission Electron Microscopy (TEM): Buildup of Exosome-Like Structures with Compatible Pollinations. <i>Methods in Molecular Biology</i> , 2016 , 1459, 91-101	1.4	
1	The role of autophagy in the Arabidopsis self-incompatible pollen rejection response 2022 , 1, 183-186		

