

# Daphne R Goring

## List of Publications by Year in Descending Order

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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	The role of autophagy in the Arabidopsis self-incompatible pollen rejection response <b>2022</b> , 1, 183-186		
70	Two subgroups of receptor-like kinases promote early compatible pollen responses in the Arabidopsis thaliana pistil. <i>Journal of Experimental Botany</i> , <b>2021</b> , 72, 1198-1211	7	2
69	A Toolkit for Teasing Apart the Early Stages of Pollen-Stigma Interactions in Arabidopsis thaliana. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2160, 13-28	1.4	1
68	Identification of a role for an E6-like 1 gene in early pollen-stigma interactions in Arabidopsis thaliana. <i>Plant Reproduction</i> , <b>2019</b> , 32, 307-322	3.9	9
67	The Molecular and Cellular Regulation of Brassicaceae Self-Incompatibility and Self-Pollen Rejection. <i>International Review of Cell and Molecular Biology</i> , <b>2019</b> , 343, 1-35	6	17
66	Generation of Transgenic Self-Incompatible Shows a Genus-Specific Preference for Self-Incompatibility Genes. <i>Plants</i> , <b>2019</b> , 8,	4.5	5
65	Investigations into a putative role for the novel BRASSIKIN pseudokinases in compatible pollen-stigma interactions in Arabidopsis thaliana. <i>BMC Plant Biology</i> , <b>2019</b> , 19, 549	5.3	4
64	Exocyst, exosomes, and autophagy in the regulation of Brassicaceae pollen-stigma interactions. <i>Journal of Experimental Botany</i> , <b>2017</b> , 69, 69-78	7	18
63	Dominance modifier: Expanding mate options. <i>Nature Plants</i> , <b>2016</b> , 3, 16210	11.5	2
62	Pollen Acceptance or Rejection: A Tale of Two Pathways. <i>Trends in Plant Science</i> , <b>2016</b> , 21, 1058-1067	13.1	57
61	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
60	Yeast two-hybrid interactions between Arabidopsis lyrata S Receptor Kinase and the ARC1 E3 ligase. <i>Plant Signaling and Behavior</i> , <b>2016</b> , 11, e1188233	2.5	9
59	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> , <b>2016</b> , 1459, 91-101	1.4	
58	PERK-KIPK-KCBP signalling negatively regulates root growth in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , <b>2015</b> , 66, 71-83	7	27
57	RNA Silencing of Exocyst Genes in the Stigma Impairs the Acceptance of Compatible Pollen in Arabidopsis. <i>Plant Physiology</i> , <b>2015</b> , 169, 2526-38	6.6	39
56	High humidity partially rescues the Arabidopsis thaliana exo70A1 stigmatic defect for accepting compatible pollen. <i>Plant Reproduction</i> , <b>2014</b> , 27, 121-7	3.9	24
55	The ARC1 E3 Ligase Promotes Two Different Self-Pollen Avoidance Traits in Arabidopsis. <i>Plant Cell</i> , <b>2014</b> , 26, 1525-1543	11.6	43

54	Autophagy in the rejection of self-pollen in the mustard family. <i>Autophagy</i> , <b>2014</b> , 10, 2379-80	10.2	2
53	A conserved role for the ARC1 E3 ligase in Brassicaceae self-incompatibility. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 181	6.2	20
52	Reversible ubiquitylation in plant biology. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 707	6.2	2
51	The ARC1 E3 ligase promotes a strong and stable self-incompatibility response in Arabidopsis species: response to the Nasrallah and Nasrallah commentary. <i>Plant Cell</i> , <b>2014</b> , 26, 3842-6	11.6	18
50	Signaling Events in Pollen Acceptance or Rejection in the Arabidopsis Species <b>2014</b> , 255-271		1
49	Secretory activity is rapidly induced in stigmatic papillae by compatible pollen, but inhibited for self-incompatible pollen in the Brassicaceae. <i>PLoS ONE</i> , <b>2013</b> , 8, e84286	3.7	57
48	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> , <b>2012</b> , 24, 4607-20	11.6	65
47	The Regulation of Pollen-Pistil Interactions by Receptor-Like Kinases. <i>Signaling and Communication in Plants</i> , <b>2012</b> , 125-143		1
46	Misregulation of phosphoinositides in Arabidopsis thaliana decreases pollen hydration and maternal fertility. <i>Sexual Plant Reproduction</i> , <b>2011</b> , 24, 319-26		14
45	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> , <b>2011</b> , 10, M111.011338	7.6	49
44	Altered germination and subcellular localization patterns for PUB44/SAUL1 in response to stress and phytohormone treatments. <i>PLoS ONE</i> , <b>2011</b> , 6, e21321	3.7	35
43	Characterization of the Arabidopsis thaliana exocyst complex gene families by phylogenetic, expression profiling, and subcellular localization studies. <i>New Phytologist</i> , <b>2010</b> , 185, 401-19	9.8	63
42	Pollen-pistil interactions regulating successful fertilization in the Brassicaceae. <i>Journal of Experimental Botany</i> , <b>2010</b> , 61, 1987-99	7	95
41	Plant science. Pollen gets more complex. <i>Science</i> , <b>2010</b> , 330, 767-8	33.3	
40	The diversity of plant U-box E3 ubiquitin ligases: from upstream activators to downstream target substrates. <i>Journal of Experimental Botany</i> , <b>2009</b> , 60, 1109-21	7	175
39	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> , <b>2009</b> , 21, 2655-71	11.6	206
38	Self/nonself perception and recognition mechanisms in plants: a comparison of self-incompatibility and innate immunity. <i>New Phytologist</i> , <b>2008</b> , 178, 503-14	9.8	90
37	Interactions between the S-domain receptor kinases and AtPUB-ARM E3 ubiquitin ligases suggest a conserved signaling pathway in Arabidopsis. <i>Plant Physiology</i> , <b>2008</b> , 147, 2084-95	6.6	114

36	Sentinels at the wall: cell wall receptors and sensors. <i>New Phytologist</i> , <b>2007</b> , 176, 7-21	9.8	174
35	Altered Expression of PERK Receptor Kinases in Arabidopsis Leads to Changes in Growth and Floral Organ Formation. <i>Plant Signaling and Behavior</i> , <b>2006</b> , 1, 251-60	2.5	21
34	Multifunctional arm repeat domains in plants. <i>International Review of Cytology</i> , <b>2006</b> , 253, 1-26		45
33	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> , <b>2004</b> , 45, 1875-81	4.9	47
32	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> , <b>2004</b> , 55, 619-30	4.6	38
31	Plant sciences. Self-rejection--a new kinase connection. <i>Science</i> , <b>2004</b> , 303, 1474-5	33.3	33
30	A large complement of the predicted Arabidopsis ARM repeat proteins are members of the U-box E3 ubiquitin ligase family. <i>Plant Physiology</i> , <b>2004</b> , 134, 59-66	6.6	145
29	Receptor kinase signalling in plants. <i>Canadian Journal of Botany</i> , <b>2004</b> , 82, 1-15		42
28	ARC1 is an E3 ubiquitin ligase and promotes the ubiquitination of proteins during the rejection of self-incompatible Brassica pollen. <i>Plant Cell</i> , <b>2003</b> , 15, 885-98	11.6	251
27	The proline-rich, extensin-like receptor kinase-1 (PERK1) gene is rapidly induced by wounding. <i>Plant Molecular Biology</i> , <b>2002</b> , 50, 667-85	4.6	73
26	The molecular biology of self-incompatibility systems in flowering plants. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2001</b> , 67, 93-114	2.7	16
25	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> , <b>2001</b> , 45, 365-76	4.6	50
24	Characterization of a novel Brassica napus kinase, BNK1. <i>Plant Science</i> , <b>2001</b> , 160, 611-620	5.3	5
23	Transformation of Arabidopsis with a Brassica SLG/SRK region and ARC1 gene is not sufficient to transfer the self-incompatibility phenotype. <i>Molecular Genetics and Genomics</i> , <b>2000</b> , 263, 648-54		17
22	The Search for Components of the Self-incompatibility Signalling Pathway(s) in Brassica napus. <i>Annals of Botany</i> , <b>2000</b> , 85, 171-179	4.1	8
21	Neither compatible nor self-incompatible pollinations of Brassica napus involve reorganization of the papillar cytoskeleton. <i>New Phytologist</i> , <b>1999</b> , 141, 199-207	9.8	13
20	A breakdown of Brassica self-incompatibility in ARC1 antisense transgenic plants. <i>Science</i> , <b>1999</b> , 286, 1729-31	33.3	193
19	The self-incompatibility phenotype in brassica is altered by the transformation of a mutant S locus receptor kinase. <i>Plant Cell</i> , <b>1998</b> , 10, 209-18	11.6	55

18	The Self-Incompatibility Phenotype in Brassica Is Altered by the Transformation of a Mutant S Locus Receptor Kinase. <i>Plant Cell</i> , <b>1998</b> , 10, 209	11.6	
17	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> , <b>1998</b> , 95, 382-7	11.5	231
16	Interrelationships between cytoplasmic Ca <sup>2+</sup> peaks, pollen hydration and plasma membrane conductances during compatible and incompatible pollinations of Brassica napus papillae. <i>Plant and Cell Physiology</i> , <b>1997</b> , 38, 985-99	4.9	26
15	Loss of callose in the stigma papillae does not affect the Brassica self-incompatibility phenotype. <i>Planta</i> , <b>1997</b> , 203, 327-331	4.7	17
14	Two Members of the Thioredoxin-h Family Interacts with the Kinase Domain of a Brassica S Locus Receptor Kinase. <i>Plant Cell</i> , <b>1996</b> , 8, 1641	11.6	55
13	Molecular Characterization of the S Locus in Two Self-Incompatible Brassica napus Lines. <i>Plant Cell</i> , <b>1996</b> , 8, 2369	11.6	
12	S-Locus Receptor Kinase Genes and Self-incompatibility in Brassica napus. <i>Plant Gene Research</i> , <b>1996</b> , 217-230		4
11	Features of the extracellular domain of the S-locus receptor kinase from Brassica. <i>Molecular Genetics and Genomics</i> , <b>1994</b> , 244, 630-7		15
10	An S Receptor Kinase Gene in Self-Compatible Brassica napus Has a 1-bp Deletion. <i>Plant Cell</i> , <b>1993</b> , 5, 531	11.6	16
9	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> , <b>1993</b> , 196, 143-52	2.9	33
8	Temporal regulation of six crystallin transcripts during mouse lens development. <i>Experimental Eye Research</i> , <b>1992</b> , 54, 785-95	3.7	38
7	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> , <b>1992</b> , 234, 185-92		37
6	Identification of an S-locus glycoprotein allele introgressed from B. napus ssp. rapifera to B. napus ssp. oleifera. <i>Plant Journal</i> , <b>1992</b> , 2, 983-989	6.9	28
5	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> , <b>1991</b> , 88, 1770-4	11.5	71
4	In situ detection of beta-galactosidase in lenses of transgenic mice with a gamma-crystallin/lacZ gene. <i>Science</i> , <b>1987</b> , 235, 456-8	33.3	135
3	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> , <b>1987</b> , 13, 47-56		7
2	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> , <b>1985</b> , 133, 195-201	3.4	6
1	Identification of a role for an E6-like 1 gene in early pollen-stigma interactions in Arabidopsis thaliana		2

