

June B Nasrallah

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5395439/june-b-nasrallah-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

65
papers

4,367
citations

39
h-index

66
g-index

82
ext. papers

4,880
ext. citations

10
avg, IF

5.41
L-index

#	Paper	IF	Citations
65	Self-incompatibility in the Brassicaceae: Regulation and mechanism of self-recognition. <i>Current Topics in Developmental Biology</i> , 2019 , 131, 435-452	5.3	14
64	Activation of Self-Incompatibility Signaling in Transgenic Is Independent of AP2-Based Clathrin-Mediated Endocytosis. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 2231-2239	3.2	4
63	Evolution of interspecies unilateral incompatibility in the relatives of <i>Arabidopsis thaliana</i> . <i>Molecular Ecology</i> , 2018 , 27, 2742-2753	5.7	4
62	Plant mating systems: self-incompatibility and evolutionary transitions to self-fertility in the mustard family. <i>Current Opinion in Genetics and Development</i> , 2017 , 47, 54-60	4.9	18
61	Structural basis for specific self-incompatibility response in Brassica. <i>Cell Research</i> , 2016 , 26, 1320-1329	24.7	31
60	In vivo imaging of the S-locus receptor kinase, the female specificity determinant of self-incompatibility, in transgenic self-incompatible <i>Arabidopsis thaliana</i> . <i>Annals of Botany</i> , 2015 , 115, 789-805	4.1	6
59	Ligand-Mediated cis-Inhibition of Receptor Signaling in the Self-Incompatibility Response of the Brassicaceae. <i>Plant Physiology</i> , 2015 , 169, 1141-54	6.6	7
58	Site-specific N-glycosylation of the S-locus receptor kinase and its role in the self-incompatibility response of the brassicaceae. <i>Plant Cell</i> , 2014 , 26, 4749-62	11.6	22
57	Exploring the role of a stigma-expressed plant U-box gene in the pollination responses of transgenic self-incompatible <i>Arabidopsis thaliana</i> . <i>Plant Reproduction</i> , 2014 , 27, 59-68	3.9	7
56	S-locus receptor kinase signalling. <i>Biochemical Society Transactions</i> , 2014 , 42, 313-9	5.1	23
55	Self-incompatibility in Brassicaceae crops: lessons for interspecific incompatibility. <i>Breeding Science</i> , 2014 , 64, 23-37	2	50
54	Robust self-incompatibility in the absence of a functional ARC1 gene in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2014 , 26, 3838-41	11.6	20
53	Molecular characterization and evolution of self-incompatibility genes in <i>Arabidopsis thaliana</i> : the case of the Sc haplotype. <i>Genetics</i> , 2013 , 193, 985-94	4	16
52	In planta assessment of the role of thioredoxin h proteins in the regulation of S-locus receptor kinase signaling in transgenic <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013 , 163, 1387-95	6.6	10
51	SCR 2013 , 58-66		2
50	Regulation of the S-locus receptor kinase and self-incompatibility in <i>Arabidopsis thaliana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2013 , 3, 315-22	3.2	3
49	Non-cell-autonomous regulation of crucifer self-incompatibility by Auxin Response Factor ARF3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19468-73	11.5	26

48	Functional test of Brassica self-incompatibility modifiers in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18173-8	11.5	45
47	Self-Incompatibility in the Brassicaceae 2011 , 389-411		2
46	A transgenic self-incompatible <i>Arabidopsis thaliana</i> model for evolutionary and mechanistic studies of crucifer self-incompatibility. <i>Journal of Experimental Botany</i> , 2010 , 61, 1897-906	7	32
45	Complex networks of self-incompatibility signaling in the Brassicaceae. <i>Current Opinion in Plant Biology</i> , 2010 , 13, 520-6	9.9	55
44	A dual role for the S-locus receptor kinase in self-incompatibility and pistil development revealed by an <i>Arabidopsis</i> <i>rdr6</i> mutation. <i>Plant Cell</i> , 2009 , 21, 2642-54	11.6	42
43	Independent S-locus mutations caused self-fertility in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2009 , 5, e1000426	6.4	69
42	Expression of distinct self-incompatibility specificities in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2009 , 182, 1313-21	4.1	39
41	In vivo detection of residues required for ligand-selective activation of the S-locus receptor in <i>Arabidopsis</i> . <i>Current Biology</i> , 2009 , 19, 786-91	6.3	35
40	Self-incompatibility systems: barriers to self-fertilization in flowering plants. <i>International Journal of Developmental Biology</i> , 2008 , 52, 627-36	1.9	53
39	A cryptic modifier causing transient self-incompatibility in <i>Arabidopsis thaliana</i> . <i>Current Biology</i> , 2007 , 17, 734-40	6.3	92
38	Epigenetic mechanisms for breakdown of self-incompatibility in interspecific hybrids. <i>Genetics</i> , 2007 , 175, 1965-73	4	62
37	S locus genes and the evolution of self-fertility in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2007 , 19, 94-106	11.6	85
36	Structural modules for receptor dimerization in the S-locus receptor kinase extracellular domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12211-6	11.5	76
35	The evolution of selfing in <i>Arabidopsis thaliana</i> . <i>Science</i> , 2007 , 317, 1070-2	33.3	132
34	The S-Locus Cysteine-Rich Peptide SCR/SP11 2006 , 41-47		1
33	Recognition and rejection of self in plant self-incompatibility: comparisons to animal histocompatibility. <i>Trends in Immunology</i> , 2005 , 26, 412-8	14.4	61
32	Detecting site-specific physicochemical selective pressures: applications to the Class I HLA of the human major histocompatibility complex and the SRK of the plant sporophytic self-incompatibility system. <i>Journal of Molecular Evolution</i> , 2005 , 60, 315-26	3.1	67
31	Comparative genome analyses of <i>Arabidopsis</i> spp.: inferring chromosomal rearrangement events in the evolutionary history of <i>A. thaliana</i> . <i>Genome Research</i> , 2005 , 15, 505-15	9.7	132

30	Genome-wide identification of genes expressed in Arabidopsis pistils specifically along the path of pollen tube growth. <i>Plant Physiology</i> , 2005 , 138, 977-89	6.6	103
29	Specificity determinants and diversification of the Brassica self-incompatibility pollen ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 911-7	11.5	109
28	Self-incompatibility in the Brassicaceae: receptor-ligand signaling and cell-to-cell communication. <i>Plant Cell</i> , 2002 , 14 Suppl, S227-38	11.6	78
27	Generation of self-incompatible Arabidopsis thaliana by transfer of two S locus genes from A. lyrata. <i>Science</i> , 2002 , 297, 247-9	33.3	170
26	Monoallelic Expression and Dominance Interactions in Anthers of Self-Incompatible Arabidopsis lyrata □ <i>Plant Physiology</i> , 2002 , 128, 17-20	6.6	50
25	Recognition and rejection of self in plant reproduction. <i>Science</i> , 2002 , 296, 305-8	33.3	97
24	Monoallelic expression and dominance interactions in anthers of self-incompatible Arabidopsis lyrata. <i>Plant Physiology</i> , 2002 , 128, 17-20	6.6	16
23	The brassica MIP-MOD gene encodes a functional water channel that is expressed in the stigma epidermis. <i>Plant Molecular Biology</i> , 2001 , 45, 51-62	4.6	44
22	Recognizing self in the self-incompatibility response. <i>Plant Physiology</i> , 2001 , 125, 105-8	6.6	34
21	Self-Incompatibility in the Genus Arabidopsis: Characterization of the S Locus in the Outcrossing A. lyrata and Its Autogamous Relative A. thaliana. <i>Plant Cell</i> , 2001 , 13, 627-643	11.6	230
20	Self-Incompatibility in the Genus Arabidopsis: Characterization of the S Locus in the Outcrossing A. lyrata and Its Autogamous Relative A. thaliana. <i>Plant Cell</i> , 2001 , 13, 627	11.6	3
19	Allele-specific receptor-ligand interactions in Brassica self-incompatibility. <i>Science</i> , 2001 , 293, 1824-6	33.3	250
18	Cell-cell signaling in the self-incompatibility response. <i>Current Opinion in Plant Biology</i> , 2000 , 3, 368-73	9.9	85
17	Determining the physical limits of the Brassica S locus by recombinational analysis. <i>Plant Cell</i> , 2000 , 12, 23-33	11.6	95
16	Arabidopsis species hybrids in the study of species differences and evolution of amphiploidy in plants. <i>Plant Physiology</i> , 2000 , 124, 1605-14	6.6	61
15	Post-transcriptional maturation of the S receptor kinase of Brassica correlates with co-expression of the S-locus glycoprotein in the stigmas of two Brassica strains and in transgenic tobacco plants. <i>Plant Physiology</i> , 2000 , 124, 297-311	6.6	64
14	Self-incompatibility. Prospects for a novel putative peptide-signaling molecule. <i>Plant Physiology</i> , 2000 , 124, 935-40	6.6	40
13	The male determinant of self-incompatibility in Brassica. <i>Science</i> , 1999 , 286, 1697-700	33.3	617

12	Molecular cloning and mRNA localization of tomato pollen profilin. <i>Plant Molecular Biology</i> , 1998 , 36, 699-707	4.6	26
11	Comparative mapping of the Brassica S locus region and its homeolog in Arabidopsis. Implications for the evolution of mating systems in the Brassicaceae. <i>Plant Cell</i> , 1998 , 10, 801-12	11.6	96
10	An aquaporin-like gene required for the Brassica self-incompatibility response. <i>Science</i> , 1997 , 276, 1564-63	6.3	106
9	Transgene-induced silencing of S-locus genes and related genes in Brassica. <i>Plant Journal</i> , 1997 , 11, 809-13	6.3	74
8	The Brassica S gene family: Molecular characterization of the SLR2 gene. <i>Sexual Plant Reproduction</i> , 1996 , 9, 107-116		
7	Genetic evidence for the requirement of the Brassica S-locus receptor kinase gene in the self-incompatibility response. <i>Plant Journal</i> , 1994 , 5, 373-384	6.9	145
6	Physical linkage of the SLG and SRK genes at the self-incompatibility locus of Brassica oleracea. <i>Molecular Genetics and Genomics</i> , 1993 , 236, 369-73		84
5	Structure and expression of AtS1, an Arabidopsis thaliana gene homologous to the S-locus related genes of Brassica. <i>Molecular Genetics and Genomics</i> , 1992 , 231, 442-8		31
4	A genetically defined trans-acting locus regulates S-locus function in Brassica. <i>Plant Journal</i> , 1992 , 2, 497-506	6.9	113
3	An Arabidopsis thaliana Gene with Sequence Similarity to the S-Locus Receptor Kinase of Brassica oleracea: Sequence and Expression. <i>Plant Physiology</i> , 1992 , 99, 284-90	6.6	72
2	A new class of S sequences defined by a pollen recessive self-incompatibility allele of Brassica oleracea. <i>Molecular Genetics and Genomics</i> , 1990 , 222, 241-8		63
1	Immunodetection of protein glycoforms encoded by two independent genes of the self-incompatibility multigene family of brassica. <i>Plant Physiology</i> , 1990 , 93, 739-47	6.6	68