

# Michael M Neff

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

3,742  
citations

394421

19  
h-index

330143

37  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation Tagging in Arabidopsis. <i>Plant Physiology</i> , 2000, 122, 1003-1014.	4.8	896
2	Web-based primer design for single nucleotide polymorphism analysis. <i>Trends in Genetics</i> , 2002, 18, 613-615.	6.7	547
3	Genetic Interactions between Phytochrome A, Phytochrome B, and Cryptochrome 1 during Arabidopsis Development1. <i>Plant Physiology</i> , 1998, 118, 27-35.	4.8	474
4	Light: an indicator of time and place. <i>Genes and Development</i> , 2000, 14, 257-271.	5.9	423
5	CYP72B1 Inactivates Brassinosteroid Hormones: An Intersection between Photomorphogenesis and Plant Steroid Signal Transduction. <i>Plant Physiology</i> , 2003, 133, 1643-1653.	4.8	176
6	<i>Arabidopsis</i> LATERAL ORGAN BOUNDARIES negatively regulates brassinosteroid accumulation to limit growth in organ boundaries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21146-21151.	7.1	167
7	BAS1 and SOB7 act redundantly to modulate Arabidopsis photomorphogenesis via unique brassinosteroid inactivation mechanisms. <i>Plant Journal</i> , 2005, 42, 23-34.	5.7	161
8	The Dof Transcription Factor OBP3 Modulates Phytochrome and Cryptochrome Signaling in Arabidopsis. <i>Plant Cell</i> , 2005, 17, 475-485.	6.6	152
9	<i>Arabidopsis thaliana</i> AHL family modulates hypocotyl growth redundantly by interacting with each other via the PPC/DUF296 domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4688-97.	7.1	97
10	The AT-hook-containing proteins SOB3/AHL29 and ESC/AHL27 are negative modulators of hypocotyl growth in Arabidopsis. <i>Plant Journal</i> , 2008, 54, 1-14.	5.7	83
11	A New Role for the Arabidopsis AP2 Transcription Factor, LEAFY PETIOLE, in Gibberellin-Induced Germination Is Revealed by the Misexpression of a Homologous Gene, SOB2/DRN-LIKE. <i>Plant Cell</i> , 2005, 18, 29-39.	6.6	65
12	Insights into the evolution and diversification of the AT-hook Motif Nuclear Localized gene family in land plants. <i>BMC Plant Biology</i> , 2014, 14, 266.	3.6	61
13	ATAF2 integrates Arabidopsis brassinosteroid inactivation and seedling photomorphogenesis. <i>Development (Cambridge)</i> , 2015, 142, 4129-38.	2.5	60
14	Arabidopsis CYP72C1 is an atypical cytochrome P450 that inactivates brassinosteroids. <i>Plant Molecular Biology</i> , 2010, 74, 167-181.	3.9	47
15	Brassinosteroid signaling converges with SUPPRESSOR OF PHYTOCHROME B4 to influence the expression of SMALL AUXIN UP RNA genes and hypocotyl growth. <i>Plant Journal</i> , 2017, 89, 1133-1145.	5.7	40
16	AT-Hook Transcription Factors Restrict Petiole Growth by Antagonizing PIFs. <i>Current Biology</i> , 2020, 30, 1454-1466.e6.	3.9	39
17	SUPPRESSOR OF PHYTOCHROME B4 represses Genes Associated with Auxin Signaling to Modulate Hypocotyl Growth. <i>Plant Physiology</i> , 2016, 171, 2701-2716.	4.8	30
18	Genetic Interactions Between Brassinosteroid-Inactivating P450s and Photomorphogenic Photoreceptors in <i>Arabidopsis thaliana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1585-1593.	1.8	27

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19	Rice CYP734A cytochrome P450s inactivate brassinosteroids in Arabidopsis. <i>Planta</i> , 2011, 234, 1151-1162.	3.2	26
20	Light-Mediated Seed Germination: Connecting Phytochrome B to Gibberellic Acid. <i>Developmental Cell</i> , 2012, 22, 687-688.	7.0	18
21	CIRCADIAN CLOCK ASSOCIATED 1 and ATAF2 differentially suppress cytochrome P450-mediated brassinosteroid inactivation. <i>Journal of Experimental Botany</i> , 2020, 71, 970-985.	4.8	16
22	The <i>ben1-1</i> Brassinosteroid-Catabolism Mutation Is Unstable Due to Epigenetic Modifications of the Intronic T-DNA Insertion. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1587-1595.	1.8	15
23	The Turnera Style S-Locus Gene TsBAHD Possesses Brassinosteroid-Inactivating Activity When Expressed in Arabidopsis thaliana. <i>Plants</i> , 2020, 9, 1566.	3.5	15
24	Overexpression of AtAHL20 causes delayed flowering in Arabidopsis via repression of FT expression. <i>BMC Plant Biology</i> , 2020, 20, 559.	3.6	13
25	AtSOFL1 and AtSOFL2 Act Redundantly as Positive Modulators of the Endogenous Content of Specific Cytokinins in Arabidopsis. <i>PLoS ONE</i> , 2009, 4, e8236.	2.5	11
26	Over-expression of SOB5 suggests the involvement of a novel plant protein in cytokinin-mediated development. <i>Plant Journal</i> , 2006, 46, 834-848.	5.7	10
27	Production location of the gelling agent Phytigel has a significant impact on Arabidopsis thaliana seedling phenotypic analysis. <i>PLoS ONE</i> , 2020, 15, e0228515.	2.5	10
28	Two <i>ATAF</i> transcription factors <i>ANAC102</i> and <i>ATAF1</i> contribute to the suppression of cytochrome <i>P450</i> -mediated brassinosteroid catabolism in <i>Arabidopsis</i> . <i>Physiologia Plantarum</i> , 2021, 172, 1493-1505.	5.2	10
29	Putative Auxin and Light Responsive Promoter Elements From the Tomato spotted wilt tospovirus Genome, When Expressed as cDNA, Are Functional in Arabidopsis. <i>Frontiers in Plant Science</i> , 2019, 10, 804.	3.6	9
30	Improving seed size, seed weight and seedling emergence in <i>Camelina sativa</i> by overexpressing the <i>Atsob3-6</i> gene variant. <i>Transgenic Research</i> , 2020, 29, 409-418.	2.4	9
31	Light-Mediated Germination in Lettuce Seeds: Resurrection of a Classic Plant Physiology Lab Exercise. <i>American Biology Teacher</i> , 2009, 71, 367-370.	0.2	8
32	Self-transcriptional repression of the Arabidopsis NAC transcription factor ATAF2 and its genetic interaction with phytochrome A in modulating seedling photomorphogenesis. <i>Planta</i> , 2020, 252, 48.	3.2	7
33	Emerging Molecular Links Between Plant Photomorphogenesis and Virus Resistance. <i>Frontiers in Plant Science</i> , 2020, 11, 920.	3.6	6
34	The Arabidopsis gene <i>ATST4a</i> is not a typical brassinosteroids catabolic gene. <i>Plant Signaling and Behavior</i> , 2013, 8, e26847.	2.4	4
35	Synopsis of the SOFL Plant-Specific Gene Family. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1281-1290.	1.8	3
36	The Arabidopsis gene <i>ATST4a</i> is not a typical brassinosteroid catabolic gene. <i>Plant Signaling and Behavior</i> , 2013, 8, doi: 10.4161/psb.26847.	2.4	3

#	ARTICLE	IF	CITATIONS
37	The NAC transcription factor ATAF2 promotes ethylene biosynthesis and response in <i>Arabidopsis thaliana</i> seedlings. FEBS Letters, 2022, 596, 1586-1599.	2.8	3
38	Title is missing!. , 2020, 15, e0228515.		0
39	Title is missing!. , 2020, 15, e0228515.		0
40	Title is missing!. , 2020, 15, e0228515.		0
41	Title is missing!. , 2020, 15, e0228515.		0