Michael M Neff

List of Publications by Year
in descending order

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	The NAC transcription factor ATAF2 promotes ethylene biosynthesis and response in Arabidopsis thaliana seedlings. FEBS Letters, 2022, 596, 1586-1599.	2.8	3
2	Two <scp>ATAF</scp> transcription factors <scp>ANAC102</scp> and <scp>ATAF1</scp> contribute to the suppression of cytochrome <scp>P450</scp>â€mediated brassinosteroid catabolism in Arabidopsis. Physiologia Plantarum, 2021, 172, 1493-1505.	5.2	10
3	CIRCADIAN CLOCK ASSOCIATED 1 and ATAF2 differentially suppress cytochrome P450-mediated brassinosteroid inactivation. Journal of Experimental Botany, 2020, 71, 970-985.	4.8	16
4	The Turnera Style S-Locus Gene TsBAHD Possesses Brassinosteroid-Inactivating Activity When Expressed in Arabidopsis thaliana. Plants, 2020, 9, 1566.	3.5	15
5	Improving seed size, seed weight and seedling emergence in Camelina sativa by overexpressing the Atsob3-6 gene variant. Transgenic Research, 2020, 29, 409-418.	2.4	9
6	Emerging Molecular Links Between Plant Photomorphogenesis and Virus Resistance. Frontiers in Plant Science, 2020, 11, 920.	3.6	6
7	Self-transcriptional repression of the Arabidopsis NAC transcription factor ATAF2 and its genetic interaction with phytochrome A in modulating seedling photomorphogenesis. Planta, 2020, 252, 48.	3.2	7
8	Overexpression of AtAHL20 causes delayed flowering in Arabidopsis via repression of FT expression. BMC Plant Biology, 2020, 20, 559.	3.6	13
9	Production location of the gelling agent Phytagel has a significant impact on Arabidopsis thalianaÂseedling phenotypic analysis. PLoS ONE, 2020, 15, e0228515.	2.5	10
10	AT-Hook Transcription Factors Restrict Petiole Growth by Antagonizing PIFs. Current Biology, 2020, 30, 1454-1466.e6.	3.9	39
11	Title is missing!. , 2020, 15, e0228515.		0
12	Title is missing!. , 2020, 15, e0228515.		0
13	Title is missing!. , 2020, 15, e0228515.		0
14	Title is missing!. , 2020, 15, e0228515.		0
15	Putative Auxin and Light Responsive Promoter Elements From the Tomato spotted wilt tospovirus Genome, When Expressed as cDNA, Are Functional in Arabidopsis. Frontiers in Plant Science, 2019, 10, 804.	3.6	9
16	Synopsis of the SOFL Plant-Specific Gene Family. G3: Genes, Genomes, Genetics, 2018, 8, 1281-1290.	1.8	3
17	Brassinosteroid signaling converges with SUPPRESSOR OF PHYTOCHROME B4â€#3 to influence the expression of SMALL AUXIN UP RNA genes and hypocotyl growth. Plant Journal, 2017, 89, 1133-1145.	5.7	40
18	SUPPRESSOR OF PHYTOCHROME B4-#3 Represses Genes Associated with Auxin Signaling to Modulate Hypocotyl Growth. Plant Physiology, 2016, 171, 2701-2716.	4.8	30

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19	ATAF2 integrates Arabidopsis brassinosteroid inactivation and seedling photomorphogenesis. Development (Cambridge), 2015, 142, 4129-38.	2.5	60
20	Insights into the evolution and diversification of the AT-hook Motif Nuclear Localized gene family in land plants. BMC Plant Biology, 2014, 14, 266.	3.6	61
21	The Arabidopsis geneATST4aisÂnot a typical brassinosteroids catabolic gene. Plant Signaling and Behavior, 2013, 8, e26847.	2.4	4
22	The ben1-1 Brassinosteroid-Catabolism Mutation Is Unstable Due to Epigenetic Modifications of the Intronic T-DNA Insertion. G3: Genes, Genomes, Genetics, 2013, 3, 1587-1595.	1.8	15
23	Arabidopsis thaliana AHL family modulates hypocotyl growth redundantly by interacting with each other via the PPC/DUF296 domain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4688-97.	7.1	97
24	The Arabidopsis gene ATST4a in not a typical brassinosteroid catabolic gene. Plant Signaling and Behavior, 2013, 8, doi: 10.4161/psb.26847.	2.4	3
25	Genetic Interactions Between Brassinosteroid-Inactivating P450s and Photomorphogenic Photoreceptors in Arabidopsis thaliana. G3: Genes, Genomes, Genetics, 2012, 2, 1585-1593.	1.8	27
26	Arabidopsis LATERAL ORGAN BOUNDARIES negatively regulates brassinosteroid accumulation to limit growth in organ boundaries. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21146-21151.	7.1	167
27	Light-Mediated Seed Germination: Connecting Phytochrome B to Gibberellic Acid. Developmental Cell, 2012, 22, 687-688.	7.0	18
28	Rice CYP734A cytochrome P450s inactivate brassinosteroids in Arabidopsis. Planta, 2011, 234, 1151-1162.	3.2	26
29	Arabidopsis CYP72C1 is an atypical cytochrome P450 that inactivates brassinosteroids. Plant Molecular Biology, 2010, 74, 167-181.	3.9	47
30	AtSOFL1 and AtSOFL2 Act Redundantly as Positive Modulators of the Endogenous Content of Specific Cytokinins in Arabidopsis. PLoS ONE, 2009, 4, e8236.	2.5	11
31	Light-Mediated Germination in Lettuce Seeds: Resurrection of a Classic Plant Physiology Lab Exercise. American Biology Teacher, 2009, 71, 367-370.	0.2	8
32	The ATâ€hookâ€containing proteins SOB3/AHL29 and ESC/AHL27 are negative modulators of hypocotyl growth in Arabidopsis. Plant Journal, 2008, 54, 1-14.	5.7	83
33	Over-expression ofSOB5suggests the involvement of a novel plant protein in cytokinin-mediated development. Plant Journal, 2006, 46, 834-848.	5.7	10
34	BAS1 and SOB7 act redundantly to modulate Arabidopsis photomorphogenesis via unique brassinosteroid inactivation mechanisms. Plant Journal, 2005, 42, 23-34.	5.7	161
35	The Dof Transcription Factor OBP3 Modulates Phytochrome and Cryptochrome Signaling in Arabidopsis. Plant Cell, 2005, 17, 475-485.	6.6	152
36	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. Plant Cell, 2005, 18, 29-39.	6.6	65

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37	CYP72B1 Inactivates Brassinosteroid Hormones: An Intersection between Photomorphogenesis and Plant Steroid Signal Transduction. Plant Physiology, 2003, 133, 1643-1653.	4.8	176
38	Web-based primer design for single nucleotide polymorphism analysis. Trends in Genetics, 2002, 18, 613-615.	6.7	547
39	Activation Tagging in Arabidopsis. Plant Physiology, 2000, 122, 1003-1014.	4.8	896
40	Light: an indicator of time and place. Genes and Development, 2000, 14, 257-271.	5.9	423
41	Genetic Interactions between Phytochrome A, Phytochrome B, and Cryptochrome 1 during Arabidopsis Development1. Plant Physiology, 1998, 118, 27-35.	4.8	474