

Marc T Nishimura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9415399/publications.pdf>

Version: 2024-02-01

29
papers

4,345
citations

279701

23
h-index

477173

29
g-index

32
all docs

32
docs citations

32
times ranked

5821
citing authors

#	ARTICLE	IF	CITATIONS
1	Independently Evolved Virulence Effectors Converge onto Hubs in a Plant Immune System Network. Science, 2011, 333, 596-601.	6.0	776
2	Loss of a Callose Synthase Results in Salicylic Acid-Dependent Disease Resistance. Science, 2003, 301, 969-972.	6.0	615
3	Dynamic Evolution of Pathogenicity Revealed by Sequencing and Comparative Genomics of 19 <i>Pseudomonas syringae</i> Isolates. PLoS Pathogens, 2011, 7, e1002132.	2.1	413
4	TIR domains of plant immune receptors are NAD ⁺ -cleaving enzymes that promote cell death. Science, 2019, 365, 799-803.	6.0	337
5	A Species-Wide Inventory of NLR Genes and Alleles in <i>Arabidopsis thaliana</i> . Cell, 2019, 178, 1260-1272.e14.	13.5	265
6	Genome-Wide Assessment of Efficiency and Specificity in CRISPR/Cas9 Mediated Multiple Site Targeting in <i>Arabidopsis</i> . PLoS ONE, 2016, 11, e0162169.	1.1	178
7	<i>Arabidopsis</i> and the plant immune system. Plant Journal, 2010, 61, 1053-1066.	2.8	168
8	Structural, Functional, and Genomic Diversity of Plant NLR Proteins: An Evolved Resource for Rational Engineering of Plant Immunity. Annual Review of Phytopathology, 2018, 56, 243-267.	3.5	152
9	TIR-only protein RBA1 recognizes a pathogen effector to regulate cell death in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2053-E2062.	3.3	146
10	ATG2, an autophagy-related protein, negatively affects powdery mildew resistance and mildew-induced cell death in <i>Arabidopsis</i> . Plant Journal, 2011, 68, 74-87.	2.8	140
11	A new eye on NLR proteins: focused on clarity or diffused by complexity?. Current Opinion in Immunology, 2012, 24, 41-50.	2.4	138
12	De novo assembly using low-coverage short read sequence data from the rice pathogen <i>Pseudomonas syringae</i> pv. <i>oryzae</i> . Genome Research, 2009, 19, 294-305.	2.4	129
13	A Truncated NLR Protein, TIR-NBS2, Is Required for Activated Defense Responses in the <i>exo70B1</i> Mutant. PLoS Genetics, 2015, 11, e1004945.	1.5	127
14	A Bacterial Type III Effector Targets the Master Regulator of Salicylic Acid Signaling, NPR1, to Subvert Plant Immunity. Cell Host and Microbe, 2017, 22, 777-788.e7.	5.1	122
15	Map positions of 47 <i>Arabidopsis</i> sequences with sequence similarity to disease resistance genes. Plant Journal, 1997, 12, 1197-1211.	2.8	102
16	The Molecular Basis of Host Specialization in Bean Pathovars of <i>Pseudomonas syringae</i> . Molecular Plant-Microbe Interactions, 2012, 25, 877-888.	1.4	83
17	NPR1 in Plant Defense: It's Not over 'til It's Turned over. Cell, 2009, 137, 804-806.	13.5	66
18	Shared TIR enzymatic functions regulate cell death and immunity across the tree of life. Science, 2022, 377, .	6.0	59

#	ARTICLE	IF	CITATIONS
19	Enzymatic Functions for Toll/Interleukin-1 Receptor Domain Proteins in the Plant Immune System. <i>Frontiers in Genetics</i> , 2020, 11, 539.	1.1	43
20	<i>Pseudomonas syringae</i> CC1557: A Highly Virulent Strain With an Unusually Small Type III Effector Repertoire That Includes a Novel Effector. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 923-932.	1.4	42
21	Variable Suites of Non-effector Genes Are Co-regulated in the Type III Secretion Virulence Regulon across the <i>Pseudomonas syringae</i> Phylogeny. <i>PLoS Pathogens</i> , 2014, 10, e1003807.	2.1	39
22	Arabidopsis ADR1 helper NLR immune receptors localize and function at the plasma membrane in a phospholipid dependent manner. <i>New Phytologist</i> , 2021, 232, 2440-2456.	3.5	36
23	Concerted Action of Evolutionarily Ancient and Novel SNARE Complexes in Flowering-Plant Cytokinesis. <i>Developmental Cell</i> , 2018, 44, 500-511.e4.	3.1	35
24	Treasure Your Exceptions: Unusual Domains in Immune Receptors Reveal Host Virulence Targets. <i>Cell</i> , 2015, 161, 957-960.	13.5	32
25	mRNA localization is linked to translation regulation in the <i>Caenorhabditis elegans</i> germ lineage. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	25
26	Structural insights into plant NLR immune receptor function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12619-12621.	3.3	21
27	PLANT BIOLOGY: Enhanced: Resisting Attack. <i>Science</i> , 2002, 295, 2032-2033.	6.0	16
28	Paired Plant Immune Receptors. <i>Science</i> , 2014, 344, 267-268.	6.0	14
29	Reinventing the wheel with a synthetic plant inflammasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20357-20359.	3.3	4