Gregory B Martin

List of Publications by Year
in descending order

189 papers	25,181 citations	7672 79 h-index	8212 153 g-index
205 all docs	205 docs citations	205 times ranked	16553 citing authors

#	Article	IF	Citations
1	A <i>Solanum lycopersicoides</i> reference genome facilitates insights into tomato specialized metabolism and immunity. Plant Journal, 2022, 110, 1791-1810.	2.8	16
2	Loss of function of the bHLH transcription factor Nrd1 in tomato enhances resistance to <i>Pseudomonas syringae</i>. Plant Physiology, 2022, 190, 1334-1348.	2.3	7
3	WRKY22 and WRKY25 transcription factors are positive regulators of defense responses in Nicotiana benthamiana. Plant Molecular Biology, 2021, 105, 65-82.	2.0	19
4	Spelling Changes and Fluorescent Tagging With Prime Editing Vectors for Plants. Frontiers in Genome Editing, 2021, 3, 617553.	2.7	30
5	Integrative Proteomic and Phosphoproteomic Analyses of Pattern- and Effector-Triggered Immunity in Tomato. Frontiers in Plant Science, 2021, 12, 768693.	1.7	11
6	Genome of Solanum pimpinellifolium provides insights into structural variants during tomato breeding. Nature Communications, 2020, 11, 5817.	5.8	85
7	Tomato Wall-Associated Kinase SlWak1 Depends on Fls2/Fls3 to Promote Apoplastic Immune Responses to <i>Pseudomonas syringae</i>. Plant Physiology, 2020, 183, 1869-1882.	2.3	52
8	<i>Ptr1</i> evolved convergently with <i>RPS2</i> and <i>Mr5</i> to mediate recognition of AvrRpt2 in diverse solanaceous species. Plant Journal, 2020, 103, 1433-1445.	2.8	31
9	Molecular Characterization of Differences between the Tomato Immune Receptors Flagellin Sensing 3 and Flagellin Sensing 2. Plant Physiology, 2020, 183, 1825-1837.	2.3	20
10	Generation and Molecular Characterization of CRISPR/Cas9-Induced Mutations in 63 Immunity-Associated Genes in Tomato Reveals Specificity and a Range of Gene Modifications. Frontiers in Plant Science, 2020, 11, 10.	1.7	51
11	Mai1 Protein Acts Between Host Recognition of Pathogen Effectors and Mitogen-Activated Protein Kinase Signaling. Molecular Plant-Microbe Interactions, 2019, 32, 1496-1507.	1.4	18
12	Plant Genome Editing Database (PGED): A Call for Submission of Information about Genome-Edited Plant Mutants. Molecular Plant, 2019, 12, 127-129.	3.9	20
13	The tomato <i>Pto</i> gene confers resistance to <i>Pseudomonas floridensis</i>, an emergent plant pathogen with just nine type <scp>III</scp> effectors. Plant Pathology, 2019, 68, 977-984.	1.2	4
14	PP2C phosphatase Pic1 negatively regulates the phosphorylation status of Pti1b kinase, a regulator of flagellin-triggered immunity in tomato. Biochemical Journal, 2019, 476, 1621-1635.	1.7	13
15	Transcriptome-based identification and validation of reference genes for plant-bacteria interaction studies using Nicotiana benthamiana. Scientific Reports, 2019, 9, 1632.	1.6	34
16	Natural variation for unusual host responses and flagellinâ€mediated immunity against <i>Pseudomonas syringae</i> in genetically diverse tomato accessions. New Phytologist, 2019, 223, 447-461.	3.5	29
17	The <i>Ptr1</i> Locus of <i>Solanum lycopersicoides</i> Confers Resistance to Race 1 Strains of <i>Pseudomonas syringae</i> pv. <i>tomato</i> and to <i>Ralstonia pseudosolanacearum</i> by Recognizing the Type III Effectors AvrRpt2 and RipBN. Molecular Plant-Microbe Interactions, 2019, 32, 949-960.	1.4	37
18	Virusâ€induced gene silencing database for phenomics and functional genomics in <i>Nicotiana benthamiana</i>. Plant Direct, 2018, 2, e00055.	0.8	15

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19	The Bacterial Effector AvrPto Targets the Regulatory Coreceptor SOBIR1 and Suppresses Defense Signaling Mediated by the Receptor-Like Protein Cf-4. Molecular Plant-Microbe Interactions, 2018, 31, 75-85.	1.4	13
20	Pseudomonas syringae pv. tomato Strains from New York Exhibit Virulence Attributes Intermediate Between Typical Race 0 and Race 1 Strains. Plant Disease, 2017, 101, 1442-1448.	0.7	9
21	A Subset of Ubiquitin-Conjugating Enzymes Is Essential for Plant Immunity. Plant Physiology, 2017, 173, 1371-1390.	2.3	53
22	Generation of a Collection of Mutant Tomato Lines Using Pooled CRISPR Libraries. Plant Physiology, 2017, 174, 2023-2037.	2.3	112
23	The Tomato Kinase Pti1 Contributes to Production of Reactive Oxygen Species in Response to Two Flagellin-Derived Peptides and Promotes Resistance to <i>Pseudomonas syringae</i> Infection. Molecular Plant-Microbe Interactions, 2017, 30, 725-738.	1.4	22
24	Use of RNA-seq data to identify and validate RT-qPCR reference genes for studying the tomato-Pseudomonas pathosystem. Scientific Reports, 2017, 7, 44905.	1.6	85
25	Detecting the Interaction of Peptide Ligands with Plant Membrane Receptors. Current Protocols in Plant Biology, 2017, 2, 240-269.	2.8	2
26	Ser360 and Ser364 in the Kinase Domain of Tomato SlMAPKKKÎ± are Critical for Programmed Cell Death Associated with Plant Immunity. Plant Pathology Journal, 2017, 33, 163-169.	0.7	3
27	Detecting N-myristoylation and S-acylation of host and pathogen proteins in plants using click chemistry. Plant Methods, 2016, 12, 38.	1.9	21
28	iTAK: A Program for Genome-wide Prediction andÂClassification of Plant Transcription Factors, Transcriptional Regulators, and Protein Kinases. Molecular Plant, 2016, 9, 1667-1670.	3.9	735
29	Tomato receptor FLAGELLIN-SENSING 3 binds flgII-28 and activates the plant immune system. Nature Plants, 2016, 2, 16128.	4.7	151
30	High-throughput CRISPR Vector Construction and Characterization of DNA Modifications by Generation of Tomato Hairy Roots. Journal of Visualized Experiments, 2016, , .	0.2	31
31	A novel method of transcriptome interpretation reveals a quantitative suppressive effect on tomato immune signaling by two domains in a single pathogen effector protein. BMC Genomics, 2016, 17, 229.	1.2	9
32	Natural Variation in Tomato Reveals Differences in the Recognition of AvrPto and AvrPtoB Effectors from Pseudomonas syringae. Molecular Plant, 2016, 9, 639-649.	3.9	12
33	Complete Genome Sequence of a Tomato-Infecting Tomato Mottle Mosaic Virus in New York. Genome Announcements, 2015, 3, .	0.8	10
34	Identification of a Candidate Gene in <i>Solanum habrochaites</i> for Resistance to a Race 1 Strain of <i>Pseudomonas syringae</i> pv. <i>tomato</i>. Plant Genome, 2015, 8, eplantgenome2015.02.0006.	1.6	12
35	Pseudomonas syringae pv. tomato DC3000 Type III Secretion Effector Polymutants Reveal an Interplay between HopAD1 and AvrPtoB. Cell Host and Microbe, 2015, 17, 752-762.	5.1	111
36	The SGN VIGS Tool: User-Friendly Software to Design Virus-Induced Gene Silencing (VIGS) Constructs for Functional Genomics. Molecular Plant, 2015, 8, 486-488.	3.9	150

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37	Greasy tactics in the plant-pathogen molecular arms race. Journal of Experimental Botany, 2015, 66, 1607-1616.	2.4	20
38	Acquisition of Iron Is Required for Growth of Salmonella spp. in Tomato Fruit. Applied and Environmental Microbiology, 2015, 81, 3663-3670.	1.4	18
39	Functional genomics of tomato for the study of plant immunity: Table 1. Briefings in Functional Genomics, 2015, 14, 291-301.	1.3	19
40	Five <i>Xanthomonas</i> type III effectors suppress cell death induced by components of immunity-associated MAP kinase cascades. Plant Signaling and Behavior, 2015, 10, e1064573.	1.2	18
41	Comparative genomics and phylogenetic discordance of cultivated tomato and close wild relatives. PeerJ, 2015, 3, e793.	0.9	23
42	Natural Variation for Responsiveness to flg22, flgII-28, and csp22 and Pseudomonas syringae pv. tomato in Heirloom Tomatoes. PLoS ONE, 2014, 9, e106119.	1.1	46
43	Transcriptomic analysis reveals tomato genes whose expression is induced specifically during effector-triggered immunity and identifies the Epk1 protein kinase which is required for the host response to three bacterial effector proteins. Genome Biology, 2014, 15, 492.	3.8	75
44	Pto Kinase Binds Two Domains of AvrPtoB and Its Proximity to the Effector E3 Ligase Determines if It Evades Degradation and Activates Plant Immunity. PLoS Pathogens, 2014, 10, e1004227.	2.1	55
45	Analysis of wild-species introgressions in tomato inbreds uncovers ancestral origins. BMC Plant Biology, 2014, 14, 287.	1.6	27
46	Transcriptomics-based screen for genes induced by flagellin and repressed by pathogen effectors identifies a cell wall-associated kinase involved in plant immunity. Genome Biology, 2013, 14, R139.	13.9	137
47	<i><scp>S</scp>almonella</i> colonization activates the plant immune system and benefits from association with plant pathogenic bacteria. Environmental Microbiology, 2013, 15, 2418-2430.	1.8	57
48	Thymoquinone causes multiple effects, including cell death, on dividing plant cells. Comptes Rendus - Biologies, 2013, 336, 546-556.	0.1	4
49	Two leucines in the Nâ€terminal MAPKâ€docking site of tomato SlMKK2 are critical for interaction with a downstream MAPK to elicit programmed cell death associated with plant immunity. FEBS Letters, 2013, 587, 1460-1465.	1.3	12
50	Allelic variation in two distinct <i>Pseudomonas syringae</i> flagellin epitopes modulates the strength of plant immune responses but not bacterial motility. New Phytologist, 2013, 200, 847-860.	3.5	121
51	The Tomato Fni3 Lysine-63â€“Specific Ubiquitin-Conjugating Enzyme and Suv Ubiquitin E2 Variant Positively Regulate Plant Immunity. Plant Cell, 2013, 25, 3615-3631.	3.1	61
52	The Tomato Calcium Sensor Cbl10 and Its Interacting Protein Kinase Cipk6 Define a Signaling Pathway in Plant Immunity. Plant Cell, 2013, 25, 2748-2764.	3.1	121
53	Nonhost Resistance of Tomato to the Bean Pathogen <i>Pseudomonas syringae</i> pv. <i>syringae</i> B728a Is Due to a Defective E3 Ubiquitin Ligase Domain in AvrPtoB_{B728a}. Molecular Plant-Microbe Interactions, 2013, 26, 387-397.	1.4	12
54	Type III Secretion and Effectors Shape the Survival and Growth Pattern of <i>Pseudomonas syringae</i> on Leaf Surfaces Â Â. Plant Physiology, 2012, 158, 1803-1818.	2.3	70

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55	The Î²-Subunit of the SnRK1 Complex Is Phosphorylated by the Plant Cell Death Suppressor Adi3 Â Â Â. Plant Physiology, 2012, 159, 1277-1290.	2.3	35
56	Plant Programmed Cell Death Caused by an Autoactive Form of Prf Is Suppressed by Co-Expression of the Prf LRR Domain. Molecular Plant, 2012, 5, 1058-1067.	3.9	21
57	A Draft Genome Sequence of <i>Nicotiana benthamiana</i> to Enhance Molecular Plant-Microbe Biology Research. Molecular Plant-Microbe Interactions, 2012, 25, 1523-1530.	1.4	411
58	A tomato LysM receptorâ€ǂlike kinase promotes immunity and its kinase activity is inhibited by AvrPtoB. Plant Journal, 2012, 69, 92-103.	2.8	120
59	Structural Analysis of Pseudomonas syringae AvrPtoB Bound to Host BAK1 Reveals Two Similar Kinase-Interacting Domains in a Type III Effector. Cell Host and Microbe, 2011, 10, 616-626.	5.1	117
60	Effector-triggered immunity mediated by the Pto kinase. Trends in Plant Science, 2011, 16, 132-140.	4.3	107
61	Genetic disassembly and combinatorial reassembly identify a minimal functional repertoire of type III effectors in <i>Pseudomonas syringae</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2975-2980.	3.3	212
62	Tomato 14-3-3 Protein TFT7 Interacts with a MAP Kinase Kinase to Regulate Immunity-associated Programmed Cell Death Mediated by Diverse Disease Resistance Proteins. Journal of Biological Chemistry, 2011, 286, 14129-14136.	1.6	73
63	Two virulence determinants of type III effector AvrPto are functionally conserved in diverse <i>Pseudomonas syringae</i> pathovars. New Phytologist, 2010, 187, 969-982.	3.5	20
64	Phosphorylation of the<i>Pseudomonas syringae</i>effector AvrPto is required for FLS2/BAK1-independent virulence activity and recognition by tobacco. Plant Journal, 2010, 61, 16-24.	2.8	32
65	A secreted effector protein (SNE1) from Phytophthora infestans is a broadly acting suppressor of programmed cell death. Plant Journal, 2010, 62, 357-366.	2.8	112
66	Tomato 14-3-3 Protein 7 Positively Regulates Immunity-Associated Programmed Cell Death by Enhancing Protein Abundance and Signaling Ability of MAPKKK Î± Â. Plant Cell, 2010, 22, 260-272.	3.1	133
67	Endosome-Associated CRT1 Functions Early in <i>Resistance</i> Geneâ€“Mediated Defense Signaling in <i>Arabidopsis</i> and Tobacco. Plant Cell, 2010, 22, 918-936.	3.1	55
68	Identification of <i>Nicotiana benthamiana</i> Genes Involved in Pathogen-Associated Molecular Patternâ€“Triggered Immunity. Molecular Plant-Microbe Interactions, 2010, 23, 715-726.	1.4	71
69	Methods to Study PAMP-Triggered Immunity Using Tomato and<i>Nicotiana benthamiana</i>. Molecular Plant-Microbe Interactions, 2010, 23, 991-999.	1.4	183
70	The T-loop Extension of the Tomato Protein Kinase AvrPto-dependent Pto-interacting Protein 3 (Adi3) Directs Nuclear Localization for Suppression of Plant Cell Death. Journal of Biological Chemistry, 2010, 285, 17584-17594.	1.6	32
71	Deletions in the Repertoire of Pseudomonas syringae pv. tomato DC3000 Type III Secretion Effector Genes Reveal Functional Overlap among Effectors. PLoS Pathogens, 2009, 5, e1000388.	2.1	269
72	Crystal Structure of the Complex between <i>Pseudomonas</i> Effector AvrPtoB and the Tomato Pto Kinase Reveals Both a Shared and a Unique Interface Compared with AvrPto-Pto. Plant Cell, 2009, 21, 1846-1859.	3.1	74

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73	Advances in experimental methods for the elucidation of <i>Pseudomonas syringae</i> effector function with a focus on AvrPtoB. Molecular Plant Pathology, 2009, 10, 777-793.	2.0	20
74	Virus-induced Gene Silencing (VIGS) in Nicotiana benthamiana and Tomato. Journal of Visualized Experiments, 2009, , .	0.2	125
75	<i>Xanthomonas</i> T3S Effector XopN Suppresses PAMP-Triggered Immunity and Interacts with a Tomato Atypical Receptor-Like Kinase and TFT1. Plant Cell, 2009, 21, 1305-1323.	3.1	162
76	A Draft Genome Sequence of <i>Pseudomonas syringae</i> pv. <i>tomato</i> T1 Reveals a Type III Effector Repertoire Significantly Divergent from That of <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000. Molecular Plant-Microbe Interactions, 2009, 22, 52-62.	1.4	134
77	Assay for Pathogen-Associated Molecular Pattern (PAMP)-Triggered Immunity (PTI) in Plants. Journal of Visualized Experiments, 2009, , .	0.2	10
78	Bacterial Effectors Target the Common Signaling Partner BAK1 to Disrupt Multiple MAMP Receptor-Signaling Complexes and Impede Plant Immunity. Cell Host and Microbe, 2008, 4, 17-27.	5.1	498
79	Pseudomonas syringae Type III Effector AvrPtoB Is Phosphorylated in Plant Cells on Serine 258, Promoting Its Virulence Activity. Journal of Biological Chemistry, 2007, 282, 30737-30744.	1.6	35
80	Manipulation of Plant Programmed Cell Death Pathways During Plant-Pathogen Interactions. Plant Signaling and Behavior, 2007, 2, 188-190.	1.2	13
81	Identification and Characterization of Plant Genes Involved in Agrobacterium-Mediated Plant Transformation by Virus-Induced Gene Silencing. Molecular Plant-Microbe Interactions, 2007, 20, 41-52.	1.4	77
82	Pto- and Prf-Mediated Recognition of AvrPto and AvrPtoB Restricts the Ability of Diverse Pseudomonas syringae Pathovars to Infect Tomato. Molecular Plant-Microbe Interactions, 2007, 20, 806-815.	1.4	63
83	A bacterial E3 ubiquitin ligase targets a host protein kinase to disrupt plant immunity. Nature, 2007, 448, 370-374.	13.7	284
84	An NB-LRR protein required for HR signalling mediated by both extra- and intracellular resistance proteins. Plant Journal, 2007, 50, 14-28.	2.8	175
85	A Pseudomonas syringae pv. tomato DC3000 mutant lacking the type III effector HopQ1-1 is able to cause disease in the model plant Nicotiana benthamiana. Plant Journal, 2007, 51, 32-46.	2.8	278
86	The Nâ€terminal region of <i>Pseudomonas</i> type III effector AvrPtoB elicits Ptoâ€dependent immunity and has two distinct virulence determinants. Plant Journal, 2007, 52, 595-614.	2.8	81
87	DspA/E, a type III effector of Erwinia amylovora, is required for early rapid growth in Nicotiana benthamiana and causes NbSGT1-dependent cell death. Molecular Plant Pathology, 2007, 8, 255-265.	2.0	33
88	Aconitase plays a role in regulating resistance to oxidative stress and cell death in Arabidopsis and Nicotiana benthamiana. Plant Molecular Biology, 2007, 63, 273-287.	2.0	148
89	A Bacterial Inhibitor of Host Programmed Cell Death Defenses Is an E3 Ubiquitin Ligase. Science, 2006, 311, 222-226.	6.0	310
90	Comparative Genomics of Host-Specific Virulence in Pseudomonas syringae. Genetics, 2006, 174, 1041-1056.	1.2	139

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91	Specific Bacterial Suppressors of MAMP Signaling Upstream of MAPKKK in Arabidopsis Innate Immunity. Cell, 2006, 125, 563-575.	13.5	386
92	Whole-Genome Expression Profiling Defines the HrpL Regulon of Pseudomonas syringae pv. tomato DC3000, Allows de novo Reconstruction of the Hrp cis Element, and Identifies Novel Coregulated Genes. Molecular Plant-Microbe Interactions, 2006, 19, 1167-1179.	1.4	105
93	A novel link between tomato GRAS genes, plant disease resistance and mechanical stress response. Molecular Plant Pathology, 2006, 7, 593-604.	2.0	88
94	Bacterial elicitation and evasion of plant innate immunity. Nature Reviews Molecular Cell Biology, 2006, 7, 601-611.	16.1	370
95	Adi3 is a Pdk1-interacting AGC kinase that negatively regulates plant cell death. EMBO Journal, 2006, 25, 255-265.	3.5	78
96	Host-Mediated Phosphorylation of Type III Effector AvrPto Promotes Pseudomonas Virulence and Avirulence in Tomato. Plant Cell, 2006, 18, 502-514.	3.1	63
97	Type III effector AvrPtoB requires intrinsic E3 ubiquitin ligase activity to suppress plant cell death and immunity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2851-2856.	3.3	206
98	Diverse AvrPtoB Homologs from Several Pseudomonas syringae Pathovars Elicit Pto-Dependent Resistance and Have Similar Virulence Activities. Applied and Environmental Microbiology, 2006, 72, 702-712.	1.4	64
99	An avrPto/avrPtoB Mutant of Pseudomonas syringae pv. tomato DC3000 Does Not Elicit Pto-Mediated Resistance and Is Less Virulent on Tomato. Molecular Plant-Microbe Interactions, 2005, 18, 43-51.	1.4	128
100	AvrPtoB: A bacterial type III effector that both elicits and suppresses programmed cell death associated with plant immunity. FEMS Microbiology Letters, 2005, 245, 1-8.	0.7	61
101	Pseudomonas syringae pv. tomato type III effectors AvrPto and AvrPtoB promote ethylene-dependent cell death in tomato. Plant Journal, 2005, 44, 139-154.	2.8	100
102	Role of mitogen-activated protein kinases in plant immunity. Current Opinion in Plant Biology, 2005, 8, 541-547.	3.5	268
103	Calmodulin-like Proteins from Arabidopsis and Tomato are Involved in Host Defense Against Pseudomonas syringae pv. tomato. Plant Molecular Biology, 2005, 58, 887-897.	2.0	129
104	Transcriptome and Selected Metabolite Analyses Reveal Multiple Points of Ethylene Control during Tomato Fruit Development. Plant Cell, 2005, 17, 2954-2965.	3.1	474
105	Gene Profiling of a Compatible Interaction Between Phytophthora infestans and Solanum tuberosum Suggests a Role for Carbonic Anhydrase. Molecular Plant-Microbe Interactions, 2005, 18, 913-922.	1.4	148
106	Suppression of pathogen-inducible NO synthase (iNOS) activity in tomato increases susceptibility to Pseudomonas syringae. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8239-8244.	3.3	17
107	PeerGAD: a peer-review-based and community-centric web application for viewing and annotating prokaryotic genome sequences. Nucleic Acids Research, 2004, 32, 3124-3135.	6.5	15
108	Identification of MAPKs and Their Possible MAPK Kinase Activators Involved in the Pto-mediated Defense Response of Tomato. Journal of Biological Chemistry, 2004, 279, 49229-49235.	1.6	106

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109	Silencing of subfamily I of protein phosphatase 2A catalytic subunits results in activation of plant defense responses and localized cell death. Plant Journal, 2004, 38, 563-577.	2.8	119
110	Applications and advantages of virus-induced gene silencing for gene function studies in plants. Plant Journal, 2004, 39, 734-746.	2.8	646
111	Comprehensive EST analysis of tomato and comparative genomics of fruit ripening. Plant Journal, 2004, 40, 47-59.	2.8	210
112	MAPKKKÎ± is a positive regulator of cell death associated with both plant immunity and disease. EMBO Journal, 2004, 23, 3072-3082.	3.5	299
113	The Solution Structure of Type III Effector Protein AvrPto Reveals Conformational and Dynamic Features Important for Plant Pathogenesis. Structure, 2004, 12, 1257-1268.	1.6	50
114	Strategies used by bacterial pathogens to suppress plant defenses. Current Opinion in Plant Biology, 2004, 7, 356-364.	3.5	205
115	Strategies used by bacterial pathogens to suppress plant defenses. Current Opinion in Plant Biology, 2004, 7, 356-356.	3.5	12
116	Identification and Expression Profiling of Tomato Genes Differentially Regulated During a Resistance Response to Xanthomonas campestris pv. vesicatoria. Molecular Plant-Microbe Interactions, 2004, 17, 1212-1222.	1.4	53
117	Molecular Mechanisms Involved in Bacterial Speck Disease Resistance of Tomato. Plant Pathology Journal, 2004, 20, 7-12.	0.7	17
118	Pseudomonas type III effector AvrPtoB induces plant disease susceptibility by inhibition of host programmed cell death. EMBO Journal, 2003, 22, 60-69.	3.5	368
119	Partial Resistance of Tomato to Phytophthora infestans Is Not Dependent upon Ethylene, Jasmonic Acid, or Salicylic Acid Signaling Pathways. Molecular Plant-Microbe Interactions, 2003, 16, 141-148.	1.4	68
120	UNDERSTANDING THEFUNCTIONS OFPLANTDISEASERESISTANCEPROTEINS. Annual Review of Plant Biology, 2003, 54, 23-61.	8.6	836
121	Two MAPK cascades, NPR1, and TGA transcription factors play a role in Pto-mediated disease resistance in tomato. Plant Journal, 2003, 36, 905-917.	2.8	310
122	MOLECULARBASIS OFPTO-MEDIATEDRESISTANCE TOBACTERIALSPECKDISEASE INTOMATO. Annual Review of Phytopathology, 2003, 41, 215-243.	3.5	303
123	The complete genome sequence of the Arabidopsis and tomato pathogen Pseudomonas syringae pv. tomato DC3000. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10181-10186.	3.3	785
124	The Tomato Transcription Factor Pti4 Regulates Defense-Related Gene Expression via GCC Box and Non-GCC Box cis Elements[W]. Plant Cell, 2003, 15, 3033-3050.	3.1	255
125	Overexpression of the Disease Resistance Gene Pto in Tomato Induces Gene Expression Changes Similar to Immune Responses in Human and Fruitfly Â. Plant Physiology, 2003, 132, 1901-1912.	2.3	57
126	The tobacco salicylic acid-binding protein 3 (SABP3) is the chloroplast carbonic anhydrase, which exhibits antioxidant activity and plays a role in the hypersensitive defense response. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11640-11645.	3.3	343

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127	Genomewide identification of Pseudomonas syringae pv. tomato DC3000 promoters controlled by the HrpL alternative sigma factor. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2275-2280.	3.3	280
128	Tomato Transcription Factors Pti4, Pti5, and Pti6 Activate Defense Responses When Expressed in Arabidopsis. Plant Cell, 2002, 14, 817-831.	3.1	375
129	Deductions about the Number, Organization, and Evolution of Genes in the Tomato Genome Based on Analysis of a Large Expressed Sequence Tag Collection and Selective Genomic Sequencing. Plant Cell, 2002, 14, 1441-1456.	3.1	283
130	Two Distinct Pseudomonas Effector Proteins Interact with the Pto Kinase and Activate Plant Immunity. Cell, 2002, 109, 589-598.	13.5	260
131	Location and activity of members of a family ofvirPphAhomologues in pathovars ofPseudomonas syringaeandP. savastanoi. Molecular Plant Pathology, 2002, 3, 205-216.	2.0	38
132	Comprehensive transcript profiling of Pto- and Prf-mediated host defense responses to infection byPseudomonas syringaepv.tomato. Plant Journal, 2002, 32, 299-315.	2.8	128
133	1H, 15N and 13C chemical shift assignments of the structured core of the pseudomonas effector protein AvrPto. Journal of Biomolecular NMR, 2002, 23, 247-248.	1.6	3
134	Arabidopsis genome sequence as a tool for functional genomics in tomato. Genome Biology, 2001, 2, reviews1003.1.	13.9	21
135	Ancient origin of pathogen recognition specificity conferred by the tomato disease resistance gene Pto. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2059-2064.	3.3	64
136	Innate immunity in plants. Current Opinion in Immunology, 2001, 13, 55-62.	2.4	129
137	The major site of the Pti1 kinase phosphorylated by the Pto kinase is located in the activation domain and is required for Pto-Pti1 physical interaction. FEBS Journal, 2000, 267, 171-178.	0.2	37
138	Signal recognition and transduction mediated by the tomato Pto kinase: a paradigm of innate immunity in plants. Microbes and Infection, 2000, 2, 1591-1597.	1.0	31
139	Thr38 and Ser198 are Pto autophosphorylation sites required for the AvrPtoâ€"Pto-mediated hypersensitive response. EMBO Journal, 2000, 19, 2257-2269.	3.5	95
140	High-resolution linkage analysis and physical characterization of the EIX-responding locus in tomato. Theoretical and Applied Genetics, 2000, 100, 184-189.	1.8	47
141	AvrPto-dependent Pto-interacting proteins and AvrPto-interacting proteins in tomato. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 8836-8840.	3.3	117
142	The Pseudomonas AvrPto Protein Is Differentially Recognized by Tomato and Tobacco and Is Localized to the Plant Plasma Membrane. Plant Cell, 2000, 12, 2323.	3.1	1
143	Pti4 Is Induced by Ethylene and Salicylic Acid, and Its Product Is Phosphorylated by the Pto Kinase. Plant Cell, 2000, 12, 771.	3.1	8
144	Protein kinases in the plant defense response. Advances in Botanical Research, 2000, 32, 379-404.	0.5	19

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145	The Pseudomonas AvrPto Protein Is Differentially Recognized by Tomato and Tobacco and Is Localized to the Plant Plasma Membrane. Plant Cell, 2000, 12, 2323-2337.	3.1	163
146	Pti4 Is Induced by Ethylene and Salicylic Acid, and Its Product Is Phosphorylated by the Pto Kinase. Plant Cell, 2000, 12, 771-785.	3.1	274
147	Overexpression of Pto Activates Defense Responses and Confers Broad Resistance. Plant Cell, 1999, 11, 15-29.	3.1	252
148	Pseudomonas syringae pv tomato induces the expression of tomato EREBP-like genes Pti4 and Pti5 independent of ethylene, salicylate and jasmonate. Plant Journal, 1999, 20, 475-483.	2.8	94
149	Rapid transcript accumulation of pathogenesis-related genes during an incompatible interaction in bacterial speck disease-resistant tomato plants. , 1999, 40, 455-465.		61
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