

# Kenichi Tsuda

## List of Publications by Year in descending order

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74  
papers

9,381  
citations

66315

42  
h-index

85498

71  
g-index

79  
all docs

79  
docs citations

79  
times ranked

8883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-Microbiota Interactions in Abiotic Stress Environments. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 511-526.	1.4	26
2	Evolutionary footprint of plant immunity. <i>Current Opinion in Plant Biology</i> , 2022, 67, 102209.	3.5	5
3	Overexpression of NDR1 leads to pathogen resistance at elevated temperatures. <i>New Phytologist</i> , 2022, 235, 1146-1162.	3.5	8
4	Salicylic acid and jasmonic acid crosstalk in plant immunity. <i>Essays in Biochemistry</i> , 2022, 66, 647-656.	2.1	42
5	Focus on the Role of the Abiotic Environment on Interactions Between Plants and Microbes. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 510.	1.4	0
6	Inter-organismal phytohormone networks in plant-microbe interactions. <i>Current Opinion in Plant Biology</i> , 2022, 68, 102258.	3.5	14
7	Intimate Association of PRR- and NLR-Mediated Signaling in Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 3-14.	1.4	105
8	Gene expression evolution in pattern-triggered immunity within <i>Arabidopsis thaliana</i> and across Brassicaceae species. <i>Plant Cell</i> , 2021, 33, 1863-1887.	3.1	27
9	Plant flavones enrich rhizosphere Oxalobacteraceae to improve maize performance under nitrogen deprivation. <i>Nature Plants</i> , 2021, 7, 481-499.	4.7	247
10	PhcQ mainly contributes to the regulation of quorum sensing-dependent genes, in which PhcR is partially involved, in <i>Ralstonia pseudosolanacearum</i> strain OE1. <i>Molecular Plant Pathology</i> , 2021, 22, 1538-1552.	2.0	14
11	Letter to the Editor: DNA Purification-Free PCR from Plant Tissues. <i>Plant and Cell Physiology</i> , 2021, 62, 1503-1505.	1.5	9
12	An Efficient Method for DNA Purification-Free PCR from Plant Tissue. <i>Current Protocols</i> , 2021, 1, e289.	1.3	3
13	Editorial Feature: Meet the PCP Editor – Kenichi Tsuda. <i>Plant and Cell Physiology</i> , 2021, , .	1.5	1
14	Multidimensional gene regulatory landscape of a bacterial pathogen in plants. <i>Nature Plants</i> , 2020, 6, 883-896.	4.7	54
15	Site-specific cleavage of bacterial MucD by secreted proteases mediates antibacterial resistance in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2019, 10, 2853.	5.8	35
16	Balancing trade-offs between biotic and abiotic stress responses through leaf age-dependent variation in stress hormone cross-talk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2364-2373.	3.3	205
17	The plant immune system in heterogeneous environments. <i>Current Opinion in Plant Biology</i> , 2019, 50, 58-66.	3.5	44
18	Convergence of cell-surface and intracellular immune receptor signalling. <i>New Phytologist</i> , 2019, 221, 1676-1678.	3.5	20

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19	A Golgi-Released Subpopulation of the Trans-Golgi Network Mediates Protein Secretion in Arabidopsis. <i>Plant Physiology</i> , 2019, 179, 519-532.	2.3	73
20	Division of Tasks: Defense by the Spatial Separation of Antagonistic Hormone Activities. <i>Plant and Cell Physiology</i> , 2018, 59, 3-4.	1.5	36
21	Transcriptome landscape of a bacterial pathogen under plant immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3055-E3064.	3.3	166
22	A dominant interfering <i>camta3</i> mutation compromises primary transcriptional outputs mediated by both cell surface and intracellular immune receptors in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2018, 217, 1667-1680.	3.5	73
23	A MPK3/6-WRKY33-ALD1-Pipecolic Acid Regulatory Loop Contributes to Systemic Acquired Resistance. <i>Plant Cell</i> , 2018, 30, 2480-2494.	3.1	119
24	The Defense Phytohormone Signaling Network Enables Rapid, High-Amplitude Transcriptional Reprogramming during Effector-Triggered Immunity. <i>Plant Cell</i> , 2018, 30, 1199-1219.	3.1	169
25	Molecular networks in plant-pathogen holobiont. <i>FEBS Letters</i> , 2018, 592, 1937-1953.	1.3	38
26	In planta Transcriptome Analysis of <i>Pseudomonas syringae</i> . <i>Bio-protocol</i> , 2018, 8, e2987.	0.2	4
27	An incoherent feed-forward loop mediates robustness and tunability in a plant immune network. <i>EMBO Reports</i> , 2017, 18, 464-476.	2.0	51
28	Towards engineering of hormonal crosstalk in plant immunity. <i>Current Opinion in Plant Biology</i> , 2017, 38, 164-172.	3.5	125
29	Evolution of Hormone Signaling Networks in Plant Defense. <i>Annual Review of Phytopathology</i> , 2017, 55, 401-425.	3.5	423
30	Pathogen exploitation of an abscisic acid- and jasmonate-inducible MAPK phosphatase and its interception by <i>Arabidopsis</i> immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7456-7461.	3.3	110
31	The highly buffered <i>Arabidopsis</i> immune signaling network conceals the functions of its components. <i>PLoS Genetics</i> , 2017, 13, e1006639.	1.5	138
32	Dual impact of elevated temperature on plant defence and bacterial virulence in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2017, 8, 1808.	5.8	163
33	Danger peptide receptor signaling in plants ensures basal immunity upon pathogen-induced depletion of <i>BAK1</i> . <i>EMBO Journal</i> , 2016, 35, 46-61.	3.5	133
34	<i>Magnaporthe oryzae</i> -Secreted Protein MSP1 Induces Cell Death and Elicits Defense Responses in Rice. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 299-312.	1.4	61
35	The <i>Arabidopsis</i> <i>CERK1</i> -associated kinase <i>PBL27</i> connects chitin perception to <i>MAPK3</i> activation. <i>EMBO Journal</i> , 2016, 35, 2468-2483.	3.5	202
36	<i>Arabidopsis thaliana</i> DM2h (R8) within the Landsberg RPP1-like Resistance Locus Underlies Three Different Cases of EDS1-Conditioned Autoimmunity. <i>PLoS Genetics</i> , 2016, 12, e1005990.	1.5	38

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37	Transcriptional networks in plant immunity. <i>New Phytologist</i> , 2015, 206, 932-947.	3.5	401
38	The receptor-like cytoplasmic kinase <i>PCRK1</i> contributes to pattern-triggered immunity against <i>Pseudomonas syringae</i> in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2015, 207, 78-90.	3.5	50
39	Combinatorial activities of SHORT VEGETATIVE PHASE and FLOWERING LOCUS C define distinct modes of flowering regulation in <i>Arabidopsis</i> . <i>Genome Biology</i> , 2015, 16, 31.	3.8	150
40	Effector-Triggered Immunity: From Pathogen Perception to Robust Defense. <i>Annual Review of Plant Biology</i> , 2015, 66, 487-511.	8.6	1,075
41	Ethylene in Plants. , 2015, , .		28
42	Ethylene and Plant Immunity. , 2015, , 205-221.		5
43	Salicylic acid signal transduction: the initiation of biosynthesis, perception and transcriptional reprogramming. <i>Frontiers in Plant Science</i> , 2014, 5, 697.	1.7	224
44	Toward a systems understanding of plant-microbe interactions. <i>Frontiers in Plant Science</i> , 2014, 5, 423.	1.7	42
45	The <i>Arabidopsis</i> PEPR pathway couples local and systemic plant immunity. <i>EMBO Journal</i> , 2014, 33, 62-75.	3.5	128
46	Mechanisms Underlying Robustness and Tunability in a Plant Immune Signaling Network. <i>Cell Host and Microbe</i> , 2014, 15, 84-94.	5.1	117
47	The CALMODULIN-BINDING PROTEIN60 Family Includes Both Negative and Positive Regulators of Plant Immunity. <i>Plant Physiology</i> , 2013, 163, 1741-1751.	2.3	91
48	Dual Regulation of Gene Expression Mediated by Extended MAPK Activation and Salicylic Acid Contributes to Robust Innate Immunity in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2013, 9, e1004015.	1.5	208
49	<i>Arabidopsis</i> TNL-WRKY domain receptor RRS1 contributes to temperature-conditioned RPS4 auto-immunity. <i>Frontiers in Plant Science</i> , 2013, 4, 403.	1.7	46
50	Layered pattern receptor signaling via ethylene and endogenous elicitor peptides during <i>Arabidopsis</i> immunity to bacterial infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6211-6216.	3.3	165
51	Pattern-Triggered Immunity Suppresses Programmed Cell Death Triggered by Fumonisin B1. <i>PLoS ONE</i> , 2013, 8, e60769.	1.1	30
52	MBF1s regulate ABA-dependent germination of <i>Arabidopsis</i> seeds. <i>Plant Signaling and Behavior</i> , 2012, 7, 188-192.	1.2	17
53	Activation of the <i>Arabidopsis thaliana</i> Mitogen-Activated Protein Kinase MPK11 by the Flagellin-Derived Elicitor Peptide, flg22. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 471-480.	1.4	123
54	An efficient <i>Agrobacterium</i> -mediated transient transformation of <i>Arabidopsis</i> . <i>Plant Journal</i> , 2012, 69, 713-719.	2.8	95

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55	The peptide growth factor, phytoalexin, attenuates pattern-triggered immunity. <i>Plant Journal</i> , 2012, 71, 194-204.	2.8	128
56	<i>Arabidopsis</i> lysin-motif proteins LYM1 LYM3 CERK1 mediate bacterial peptidoglycan sensing and immunity to bacterial infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19824-19829.	3.3	442
57	CBP60g and SARD1 play partially redundant critical roles in salicylic acid signaling. <i>Plant Journal</i> , 2011, 67, 1029-1041.	2.8	244
58	Physical association of pattern-triggered immunity (PTI) and effector-triggered immunity (ETI) immune receptors in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2011, 12, 702-708.	2.0	91
59	Identification and utilization of a sow thistle powdery mildew as a poorly adapted pathogen to dissect post-invasion non-host resistance mechanisms in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 2117-2129.	2.4	39
60	Physical Association of <i>Arabidopsis</i> Hypersensitive Induced Reaction Proteins (HIRs) with the Immune Receptor RPS2. <i>Journal of Biological Chemistry</i> , 2011, 286, 31297-31307.	1.6	94
61	A Putative RNA-Binding Protein Positively Regulates Salicylic Acid-Mediated Immunity in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1573-1583.	1.4	45
62	Comparing signaling mechanisms engaged in pattern-triggered and effector-triggered immunity. <i>Current Opinion in Plant Biology</i> , 2010, 13, 459-465.	3.5	705
63	Network Modeling Reveals Prevalent Negative Regulatory Relationships between Signaling Sectors in <i>Arabidopsis</i> Immune Signaling. <i>PLoS Pathogens</i> , 2010, 6, e1001011.	2.1	110
64	The analysis of an <i>Arabidopsis</i> triple knock-down mutant reveals functions for MBF1 genes under oxidative stress conditions. <i>Journal of Plant Physiology</i> , 2010, 167, 194-200.	1.6	41
65	Understanding the Plant Immune System. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1531-1536.	1.4	212
66	<i>Arabidopsis</i> CaM Binding Protein CBP60g Contributes to MAMP-Induced SA Accumulation and Is Involved in Disease Resistance against <i>Pseudomonas syringae</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000301.	2.1	242
67	Network Properties of Robust Immunity in Plants. <i>PLoS Genetics</i> , 2009, 5, e1000772.	1.5	489
68	<i>Arabidopsis</i> MBF1s Control Leaf Cell Cycle and its Expansion. <i>Plant and Cell Physiology</i> , 2009, 50, 254-264.	1.5	21
69	Interplay between MAMP-triggered and SA-mediated defense responses. <i>Plant Journal</i> , 2008, 53, 763-775.	2.8	318
70	The interplay between MAMP and SA signaling. <i>Plant Signaling and Behavior</i> , 2008, 3, 359-361.	1.2	33
71	A simple and extremely sensitive system for detecting estrogenic activity using transgenic <i>Arabidopsis thaliana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2006, 64, 106-114.	2.9	8
72	Transcriptional coactivator MBF1s from <i>Arabidopsis</i> predominantly localize in nucleolus. <i>Journal of Plant Research</i> , 2005, 118, 431-437.	1.2	18

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73	Three Arabidopsis MBF1 Homologs with Distinct Expression Profiles Play Roles as Transcriptional Co-activators. <i>Plant and Cell Physiology</i> , 2004, 45, 225-231.	1.5	65
74	Structure and expression analysis of three subtypes of Arabidopsis MBF1 genes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1680, 1-10.	2.4	45