

# Nam-Soo Jwa

## List of Publications by Year in descending order

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34  
papers

2,079  
citations

279798

23  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant secretome: Unlocking secrets of the secreted proteins. <i>Proteomics</i> , 2010, 10, 799-827.	2.2	255
2	Integrated Transcriptomics, Proteomics, and Metabolomics Analyses To Survey Ozone Responses in the Leaves of Rice Seedling. <i>Journal of Proteome Research</i> , 2008, 7, 2980-2998.	3.7	159
3	Signalling molecules and blast pathogen attack activates rice OsPR1a and OsPR1b genes: A model illustrating components participating during defence/stress response. <i>Plant Physiology and Biochemistry</i> , 2001, 39, 1095-1103.	5.8	126
4	Convergent Evolution of Pathogen Effectors toward Reactive Oxygen Species Signaling Networks in Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 1687.	3.6	126
5	Iron- and Reactive Oxygen Species-Dependent Ferroptotic Cell Death in Rice- <i>Magnaporthe oryzae</i> Interactions. <i>Plant Cell</i> , 2019, 31, 189-209.	6.6	123
6	Role of defense/stress-related marker genes, proteins and secondary metabolites in defining rice self-defense mechanisms. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 261-273.	5.8	122
7	Molecular cloning and mRNA expression analysis of a novel rice ( <i>Oryza sativa</i> L.) MAPK kinase, OsEDR1, an ortholog of <i>Arabidopsis</i> AtEDR1, reveal its role in defense/stress signalling pathways and development. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 868-876.	2.1	94
8	Importance of ascorbate peroxidases OsAPX1 and OsAPX2 in the rice pathogen response pathways and growth and reproduction revealed by their transcriptional profiling. <i>Gene</i> , 2003, 322, 93-103.	2.2	84
9	Rice Mitogen-Activated Protein Kinase Interactome Analysis Using the Yeast Two-Hybrid System. <i>Plant Physiology</i> , 2012, 160, 477-487.	4.8	81
10	Using metabolic profiling to assess plant-pathogen interactions: an example using rice ( <i>Oryza sativa</i> ) and the blast pathogen <i>Magnaporthe grisea</i> . <i>European Journal of Plant Pathology</i> , 2011, 129, 539-554.	1.7	68
11	The rice MAPK MAPK interactome: the biological significance of MAPK components in hormone signal transduction. <i>Plant Cell Reports</i> , 2013, 32, 923-931.	5.6	68
12	Rice OsACDR1 ( <i>Oryza sativa</i> Accelerated Cell Death and Resistance 1) Is a Potential Positive Regulator of Fungal Disease Resistance. <i>Molecules and Cells</i> , 2009, 28, 431-440.	2.6	67
13	<i>Magnaporthe oryzae</i> Effector AVR-Pii Helps to Establish Compatibility by Inhibition of the Rice NADP-Malic Enzyme Resulting in Disruption of Oxidative Burst and Host Innate Immunity. <i>Molecules and Cells</i> , 2016, 39, 426-438.	2.6	67
14	Understanding the Responses of Rice to Environmental Stress Using Proteomics. <i>Journal of Proteome Research</i> , 2013, 12, 4652-4669.	3.7	63
15	Effects of signaling molecules, protein phosphatase inhibitors and blast pathogen ( <i>Magnaporthe</i> ) Tj ETQq1 1 0.784314 rgBT /Overload peroxidase ( OsPHGPX ) gene in seedling leaves. <i>Gene</i> , 2002, 283, 227-236.	2.2	60
16	The rice ( <i>Oryza sativa</i> ) Blast Lesion Mimic Mutant, blm, may confer resistance to blast pathogens by triggering multiple defense-associated signaling pathways. <i>Plant Physiology and Biochemistry</i> , 2005, 43, 397-406.	5.8	60
17	Rejuvenating rice proteomics: Facts, challenges, and visions. <i>Proteomics</i> , 2006, 6, 5549-5576.	2.2	58
18	Systematic Secretome Analyses of Rice Leaf and Seed Callus Suspension-Cultured Cells: Workflow Development and Establishment of High-Density Two-Dimensional Gel Reference Maps. <i>Journal of Proteome Research</i> , 2008, 7, 5187-5210.	3.7	58

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19	Novel rice OsSIPK is a multiple stress responsive MAPK family member showing rhythmic expression at mRNA level. <i>Planta</i> , 2008, 227, 981-990.	3.2	57
20	Functional characterization of OsRacB GTPase a potentially negative regulator of basal disease resistance in rice. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 68-77.	5.8	43
21	Differential Expression of Defense/Stress-Related Marker Proteins in Leaves of a Unique Rice Blast Lesion Mimic Mutant (blm). <i>Journal of Proteome Research</i> , 2006, 5, 2586-2598.	3.7	37
22	Secretome analysis of <i>Magnaporthe oryzae</i> using in vitro systems. <i>Proteomics</i> , 2012, 12, 878-900.	2.2	30
23	Visualization of Multicolored in vivo Organelle Markers for Co-Localization Studies in <i>Oryza sativa</i> . <i>Molecules and Cells</i> , 2017, 40, 828-836.	2.6	26
24	RSL Class II Transcription Factors Guide the Nuclear Localization of RHL1 to Regulate Root Hair Development. <i>Plant Physiology</i> , 2019, 179, 558-568.	4.8	23
25	Rice OsSIPK and its orthologs: A "central master switch" for stress responses. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 649-653.	2.1	21
26	Molecular Cloning and Functional Analysis of Rice ( <i>Oryza sativa</i> L.) OsNDR1 on Defense Signaling Pathway. <i>Plant Pathology Journal</i> , 2005, 21, 149-157.	1.7	21
27	Two novel protein kinase genes, OsMSRPK1 and OsMSLRPK2, are regulated by diverse environmental stresses in rice. <i>Journal of Plant Biology</i> , 2006, 49, 247-256.	2.1	16
28	Protein interactome analysis of 12 mitogen-activated protein kinase kinase kinase in rice using a yeast two-hybrid system. <i>Proteomics</i> , 2014, 14, 105-115.	2.2	14
29	Mitogen-Activated Protein Kinase OsMEK2 and OsMPK1 Signaling Is Required for Ferroptotic Cell Death in Rice "Magnaporthe oryzae Interactions. <i>Frontiers in Plant Science</i> , 2021, 12, 710794.	3.6	14
30	Focal Accumulation of ROS Can Block <i>Pyricularia oryzae</i> Effector BAS4-Expression and Prevent Infection in Rice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6196.	4.1	13
31	Growth retardation and death of rice plants irradiated with carbon ion beams is preceded by very early dose- and time-dependent gene expression changes. <i>Molecules and Cells</i> , 2008, 25, 272-8.	2.6	13
32	Yeast Two-Hybrid System for Dissecting the Rice MAPK Interactome. <i>Methods in Molecular Biology</i> , 2014, 1171, 195-216.	0.9	5
33	Secretome: Toward Deciphering the Secretory Pathways and Beyond. , 0, , 83-90.		3
34	Rice <i>OsSIPK</i> . <i>Plant Signaling and Behavior</i> , 2009, 4, 448-450.	2.4	1