

# Ashis Kumar Nandi

## List of Publications by Year in descending order

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41  
papers

1,618  
citations

361413

20  
h-index

302126

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1608  
citing authors

#	ARTICLE	IF	CITATIONS
1	A recessive mutation in the Arabidopsis SSI2 gene confers SA- and NPR1-independent expression of PR genes and resistance against bacterial and oomycete pathogens. Plant Journal, 2001, 25, 563-574.	5.7	193
2	The Arabidopsis thaliana Dihydroxyacetone Phosphate Reductase Gene SUPPRESSOR OF FATTY ACID DESATURASE DEFICIENCY1 Is Required for Glycerolipid Metabolism and for the Activation of Systemic Acquired Resistance[W]. Plant Cell, 2004, 16, 465-477.	6.6	175
3	Plastid Î³-fatty acid desaturase-dependent accumulation of a systemic acquired resistance inducing activity in petiole exudates of Arabidopsis thaliana is independent of jasmonic acid. Plant Journal, 2008, 54, 106-117.	5.7	148
4	Arabidopsis sfd Mutants Affect Plastidic Lipid Composition and Suppress Dwarfing, Cell Death, and the Enhanced Disease Resistance Phenotypes Resulting from the Deficiency of a Fatty Acid Desaturase. Plant Cell, 2003, 15, 2383-2398.	6.6	96
5	Arabidopsis thaliana FLOWERING LOCUS D Is Required for Systemic Acquired Resistance. Molecular Plant-Microbe Interactions, 2013, 26, 1079-1088.	2.6	80
6	Arabidopsis FLOWERING LOCUS D influences systemic-acquired-resistance-induced expression and histone modifications of WRKY genes. Journal of Biosciences, 2014, 39, 119-126.	1.1	71
7	The Arabidopsis thaliana At4g13040 gene, a unique member of the AP2/EREBP family, is a positive regulator for salicylic acid accumulation and basal defense against bacterial pathogens. Journal of Plant Physiology, 2014, 171, 860-867.	3.5	59
8	Ethylene and Jasmonic Acid Signaling Affect the NPR1-Independent Expression of Defense Genes Without Impacting Resistance to Pseudomonas syringae and Peronospora parasitica in the Arabidopsis ssi1 Mutant. Molecular Plant-Microbe Interactions, 2003, 16, 588-599.	2.6	58
9	Arabidopsis ssi2-Conferred Susceptibility to Botrytis cinerea Is Dependent on EDS5 and PAD4. Molecular Plant-Microbe Interactions, 2005, 18, 363-370.	2.6	52
10	CBL-interacting protein kinase 6 negatively regulates immune response to Pseudomonas syringae in Arabidopsis. Journal of Experimental Botany, 2017, 68, 3573-3584.	4.8	52
11	A conserved function for Arabidopsis SUPERMAN in regulating floral-whorl cell proliferation in rice, a monocotyledonous plant. Current Biology, 2000, 10, 215-218.	3.9	51
12	Enhanced Resistance to Cucumber mosaic virus in the Arabidopsis thaliana ssi2 Mutant Is Mediated via an SA-Independent Mechanism. Molecular Plant-Microbe Interactions, 2004, 17, 623-632.	2.6	51
13	GBF1 differentially regulates CAT2 and PAD4 transcription to promote pathogen defense in Arabidopsis thaliana. Plant Journal, 2017, 91, 802-815.	5.7	49
14	Down-regulation of OsSAG12-1 results in enhanced senescence and pathogen-induced cell death in transgenic rice plants. Journal of Biosciences, 2013, 38, 583-592.	1.1	41
15	Arabidopsis thaliana GLUTATHIONE S-TRANSFERASE THETA 2 interacts with RS11/FLD to activate systemic acquired resistance. Molecular Plant Pathology, 2018, 19, 464-475.	4.2	39
16	Arabidopsis thaliana methionine sulfoxide reductase B8 influences stress-induced cell death and effector-triggered immunity. Plant Molecular Biology, 2017, 93, 109-120.	3.9	31
17	Arabidopsis thaliana cdd1 mutant uncouples the constitutive activation of salicylic acid signalling from growth defects. Molecular Plant Pathology, 2011, 12, 855-865.	4.2	30
18	MYC2 influences salicylic acid biosynthesis and defense against bacterial pathogens in Arabidopsis thaliana. Physiologia Plantarum, 2021, 173, 2248-2261.	5.2	27

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19	The Polycomb-Group Repressor MEDEA Attenuates Pathogen Defense. <i>Plant Physiology</i> , 2018, 177, 1728-1742.	4.8	26
20	AtOZF1 Positively Regulates Defense Against Bacterial Pathogens and NPR1-Independent Salicylic Acid Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 323-333.	2.6	24
21	High level expression of soybean trypsin inhibitor gene in transgenic tobacco plants failed to confer resistance against damage caused by <i>Helicoverpa armigera</i> . <i>Journal of Biosciences</i> , 1999, 24, 445-452.	1.1	22
22	Recent advances in plant thermomemory. <i>Plant Cell Reports</i> , 2021, 40, 19-27.	5.6	21
23	Identification of plant defence regulators through transcriptional profiling of <i>Arabidopsis thaliana</i> cdd1 mutant. <i>Journal of Biosciences</i> , 2015, 40, 137-146.	1.1	20
24	The rice OsSAG12-2 gene codes for a functional protease that negatively regulates stress-induced cell death. <i>Journal of Biosciences</i> , 2016, 41, 445-453.	1.1	18
25	CaMPK9 increases the stability of CaWRKY40 transcription factor which triggers defense response in chickpea upon <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> Race1 infection. <i>Plant Molecular Biology</i> , 2019, 100, 411-431.	3.9	18
26	Down-regulation of rice serpin gene OsSRP-LRS exaggerates stress-induced cell death. <i>Journal of Plant Biology</i> , 2015, 58, 327-332.	2.1	17
27	Over-expression of <i>Arabidopsis thaliana</i> SFD1/GLY1, the gene encoding plastid localized glycerol-3-phosphate dehydrogenase, increases plastidic lipid content in transgenic rice plants. <i>Journal of Plant Research</i> , 2016, 129, 285-293.	2.4	17
28	<i>Arabidopsis thaliana</i> serpins <i>AtSRP4</i> and <i>AtSRP5</i> negatively regulate stress-induced cell death and effector-triggered immunity induced by bacterial effector <i>AvrRpt2</i> . <i>Physiologia Plantarum</i> , 2017, 159, 329-339.	5.2	16
29	RSI1/FLD is a positive regulator for defense against necrotrophic pathogens. <i>Physiological and Molecular Plant Pathology</i> , 2019, 107, 40-45.	2.5	15
30	Exogenous application of histone demethylase inhibitor trans-2-phenylcyclopropylamine mimics <i>FLD</i> loss-of-function phenotype in terms of systemic acquired resistance in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2014, 9, e29658.	2.4	13
31	MEDEA-interacting protein LONG-CHAIN BASE KINASE 1 promotes pattern-triggered immunity in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2020, 103, 173-184.	3.9	11
32	HY1 genetically interacts with GBF1 and regulates the activity of the Z-box containing promoters in light signaling pathways in <i>Arabidopsis thaliana</i> . <i>Mechanisms of Development</i> , 2012, 129, 298-307.	1.7	10
33	APD1, the unique member of <i>Arabidopsis</i> AP2 family influences systemic acquired resistance and ethylene-jasmonic acid signaling. <i>Plant Physiology and Biochemistry</i> , 2018, 133, 92-99.	5.8	10
34	Systemic Acquired resistance specific proteome of <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2020, 39, 1549-1563.	5.6	10
35	Rice MYC2 ( <i>OsMYC2</i> ) modulates light-dependent seedling phenotype, disease defence but not ABA signalling. <i>Journal of Biosciences</i> , 2017, 42, 501-508.	1.1	9
36	DORMANCY/AUXIN ASSOCIATED FAMILY PROTEIN 2 of <i>Arabidopsis thaliana</i> is a negative regulator of local and systemic acquired resistance. <i>Journal of Plant Research</i> , 2020, 133, 409-417.	2.4	9

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37	TOPLESS in the regulation of plant immunity. <i>Plant Molecular Biology</i> , 2022, 109, 1-12.	3.9	9
38	Long-chain base kinase1 promotes salicylic acid-mediated stomatal immunity in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 796-803.	1.7	5
39	AtOZF1 positively regulates JA signaling and SA-JA cross-talk in <i>Arabidopsis thaliana</i> . <i>Journal of Biosciences</i> , 2022, 47, 1.	1.1	4
40	MTO1-RESPONDING DOWN 1 (MRD1) is a transcriptional target of OZF1 for promoting salicylic acid-mediated defense in <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2022, 41, 1319-1328.	5.6	3
41	Endophytes from <i>Argemone mexicana</i> and <i>Datura metel</i> activate induced-systemic resistance in multiple hosts and show host- and pathogen-specific protection. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2021, 30, 1016-1019.	1.7	2