

# Sivakumar Swaminathan

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

600  
citations

933264

10  
h-index

794469

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

803  
citing authors

#	ARTICLE	IF	CITATIONS
1	CYP76M7 Is an <i>ent</i> -Cassadiene C11-Hydroxylase Defining a Second Multifunctional Diterpenoid Biosynthetic Gene Cluster in Rice. <i>Plant Cell</i> , 2009, 21, 3315-3325.	3.1	199
2	Characterization of CYP76M5 Indicates Metabolic Plasticity within a Plant Biosynthetic Gene Cluster. <i>Journal of Biological Chemistry</i> , 2012, 287, 6159-6168.	1.6	116
3	The <i>Fusarium virguliforme</i> Toxin FvTox1 Causes Foliar Sudden Death Syndrome-Like Symptoms in Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1179-1188.	1.4	66
4	Investigation of the <i>Fusarium virguliforme</i> fvtox1 mutants revealed that the FvTox1 toxin is involved in foliar sudden death syndrome development in soybean. <i>Current Genetics</i> , 2013, 59, 107-117.	0.8	44
5	The plant immunity inducer pipecolic acid accumulates in the xylem sap and leaves of soybean seedlings following <i>Fusarium virguliforme</i> infection. <i>Plant Science</i> , 2016, 243, 105-114.	1.7	27
6	Quantitative trait loci underlying host responses of soybean to <i>Fusarium virguliforme</i> toxins that cause foliar sudden death syndrome. <i>Theoretical and Applied Genetics</i> , 2016, 129, 495-506.	1.8	25
7	Transcriptomic Study of the Soybean- <i>Fusarium virguliforme</i> Interaction Revealed a Novel Ankyrin-Repeat Containing Defense Gene, Expression of Whose during Infection Led to Enhanced Resistance to the Fungal Pathogen in Transgenic Soybean Plants. <i>PLoS ONE</i> , 2016, 11, e0163106.	1.1	22
8	<i>Arabidopsis</i> Novel Glycine-Rich Plasma Membrane PSS1 Protein Enhances Disease Resistance in Transgenic Soybean Plants. <i>Plant Physiology</i> , 2018, 176, 865-878.	2.3	17
9	Identification of a soybean rust resistance gene in PI 567104B. <i>Theoretical and Applied Genetics</i> , 2016, 129, 863-877.	1.8	13
10	Mapping of new quantitative trait loci for sudden death syndrome and soybean cyst nematode resistance in two soybean populations. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1047-1062.	1.8	13
11	Genome wide association study identifies novel single nucleotide polymorphic loci and candidate genes involved in soybean sudden death syndrome resistance. <i>PLoS ONE</i> , 2019, 14, e0212071.	1.1	11
12	Registration of AR10SDS Soybean Germplasm Partially Resistant to Sudden Death Syndrome and Resistant to Soybean Cyst Nematode. <i>Journal of Plant Registrations</i> , 2014, 8, 200-210.	0.4	8
13	<i>Arabidopsis</i> non-host resistance <i>PSS30</i> gene enhances broad-spectrum disease resistance in the soybean cultivar Williams 82. <i>Plant Journal</i> , 2021, 107, 1432-1446.	2.8	8
14	MN1606SP™ by Spencer™ filial soybean population reveals novel quantitative trait loci and interactions among loci conditioning SDS resistance. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2139-2149.	1.8	7
15	Identification of <i>Fusarium virguliforme</i> FvTox1-Interacting Synthetic Peptides for Enhancing Foliar Sudden Death Syndrome Resistance in Soybean. <i>PLoS ONE</i> , 2015, 10, e0145156.	1.1	7
16	Coexpression of Fungal Cell Wall-Modifying Enzymes Reveals Their Additive Impact on <i>Arabidopsis</i> Resistance to the Fungal Pathogen, <i>Botrytis cinerea</i> . <i>Biology</i> , 2021, 10, 1070.	1.3	7
17	MetNetGE: Visualizing biological networks in hierarchical views and 3D tiered layouts. , 2009, , .		4
18	Registration of AR11SDS Soybean Germplasm Resistant to Sudden Death Syndrome, Soybean Cyst Nematode, and with Moderate Iron Deficiency Chlorosis Scores. <i>Journal of Plant Registrations</i> , 2016, 10, 177-188.	0.4	4

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19	Genetically Diverse Soybean Cyst Nematode-Resistant Soybean Germplasm Lines AR4SCN, AR5SCN, AR6SCN, AR7SCN, and AR8SCN. <i>Journal of Plant Registrations</i> , 2018, 12, 124-131.	0.4	1
20	Registration of 'AR1902 SCN'™ Cultivar Resistant to Soybean Cyst Nematode and Brown Stem Rot. <i>Journal of Plant Registrations</i> , 2019, 13, 334-344.	0.4	1