Sonali Roy

List of Publications by Year
in descending order

24 papers	1,436 citations	687363 13 h-index	677142 22 g-index
30 all docs	30 docs citations	30 times ranked	1799 citing authors

#	Article	IF	Citations
1	Celebrating 20 Years of Genetic Discoveries in Legume Nodulation and Symbiotic Nitrogen Fixation. Plant Cell, 2020, 32, 15-41.	6.6	416
2	The Root Hair â€œInfectomeâ€•of Medicago truncatula Uncovers Changes in Cell Cycle Genes and Reveals a Requirement for Auxin Signaling in Rhizobial Infection. Plant Cell, 2014, 26, 4680-4701.	6.6	313
3	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. Science, 2014, 343, 1509-1512.	12.6	152
4	NIN Acts as a Network Hub Controlling a Growth Module Required for Rhizobial Infection. Plant Physiology, 2019, 179, 1704-1722.	4.8	106
5	Genome-Wide Identification of Medicago Peptides Involved in Macronutrient Responses and Nodulation. Plant Physiology, 2017, 175, 1669-1689.	4.8	101
6	MtLAX2, a Functional Homologue of the Arabidopsis Auxin Influx Transporter AUX1, Is Required for Nodule Organogenesis. Plant Physiology, 2017, 174, 326-338.	4.8	56
7	A Research Road Map for Responsible Use of Agricultural Nitrogen. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	48
8	Expression of the Arabidopsis thaliana immune receptor <scp>EFR</scp> in Medicago truncatula reduces infection by a root pathogenic bacterium, but not nitrogenâ€fixing rhizobial symbiosis. Plant Biotechnology Journal, 2019, 17, 569-579.	8.3	42
9	MtSSPdb: The Medicago truncatula Small Secreted Peptide Database. Plant Physiology, 2020, 183, 399-413.	4.8	40
10	Identification of a core set of rhizobial infection genes using data from single cell-types. Frontiers in Plant Science, 2015, 6, 575.	3.6	30
11	A multiple ion-uptake phenotyping platform reveals shared mechanisms affecting nutrient uptake by roots. Plant Physiology, 2021, 185, 781-795.	4.8	27
12	A rulebook for peptide control of legumeâ€“microbe endosymbioses. Trends in Plant Science, 2022, 27, 870-889.	8.8	21
13	Cytokinin responses counterpoint auxin signaling during rhizobial infection. Plant Signaling and Behavior, 2015, 10, e1019982.	2.4	16
14	Identification and Functional Investigation of Genomeâ€Encoded, Small, Secreted Peptides in Plants. Current Protocols in Plant Biology, 2019, 4, e20098.	2.8	15
15	MtNPF6.5 mediates chloride uptake and nitrate preference in Medicago roots. EMBO Journal, 2021, 40, e106847.	7.8	14
16	Three Common Symbiotic ABC Subfamily B Transporters inMedicago truncatulaAre Regulated by a NIN-Independent Branch of the Symbiosis Signaling Pathway. Molecular Plant-Microbe Interactions, 2021, 34, 939-951.	2.6	12
17	Application of Synthetic Peptide CEP1 Increases Nutrient Uptake Rates Along Plant Roots. Frontiers in Plant Science, 2021, 12, 793145.	3.6	9
18	Nitrate Ahoy! Shoot Cytokinin Signals Integrate Growth Responses with Nitrogen Availability. Plant Cell, 2018, 30, 1169-1170.	6.6	6

#	Article	IF	Citations
19	Time-Intensive Transcriptomics Reveal Temporal Patterns in the Jasmonic Acid Gene Regulatory Network. Plant Cell, 2017, 29, 2078-2079.	6.6	2
20	Small and Mighty: Peptide hormones in plant biology (By Sonali Roy, Peter Lundquist, Michael Udvardi,) Tj ETQq0 0 0 rgBT /Overlock 10	6.6	2
21	Goldilocks Principle: MtNFH1 Ensures Optimal Nod Factor Activity. Plant Cell, 2018, 30, 267-268.	6.6	1
22	Solving a Cold Case: Identification of Promoter Elements to Complement Medicago nin Mutants. Plant Cell, 2019, 31, 7-8.	6.6	1
23	Joseph J. Kieber. Plant Cell, 2018, 30, 255-257.	6.6	0
24	Roger W. Innes. Plant Cell, 2019, 31, 555-557.	6.6	0