

# Sonali Roy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6278665/publications.pdf>

Version: 2024-02-01

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	A rulebook for peptide control of legume-microbe endosymbioses. Trends in Plant Science, 2022, 27, 870-889.	8.8	21
2	A Research Road Map for Responsible Use of Agricultural Nitrogen. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	48
3	Three Common Symbiotic ABC Subfamily B Transporters in <i>Medicago truncatula</i> Are Regulated by a NIN-Independent Branch of the Symbiosis Signaling Pathway. Molecular Plant-Microbe Interactions, 2021, 34, 939-951.	2.6	12
4	MtNPF6.5 mediates chloride uptake and nitrate preference in <i>Medicago</i> roots. EMBO Journal, 2021, 40, e106847.	7.8	14
5	A multiple ion-uptake phenotyping platform reveals shared mechanisms affecting nutrient uptake by roots. Plant Physiology, 2021, 185, 781-795.	4.8	27
6	Application of Synthetic Peptide CEP1 Increases Nutrient Uptake Rates Along Plant Roots. Frontiers in Plant Science, 2021, 12, 793145.	3.6	9
7	Celebrating 20 Years of Genetic Discoveries in Legume Nodulation and Symbiotic Nitrogen Fixation. Plant Cell, 2020, 32, 15-41.	6.6	416
8	MtSSPdb: The <i>Medicago truncatula</i> Small Secreted Peptide Database. Plant Physiology, 2020, 183, 399-413.	4.8	40
9	Expression of the <i>Arabidopsis thaliana</i> immune receptor <i>EFR</i> in <i>Medicago truncatula</i> reduces infection by a root pathogenic bacterium, but not nitrogen-fixing rhizobial symbiosis. Plant Biotechnology Journal, 2019, 17, 569-579.	8.3	42
10	Identification and Functional Investigation of Genome-Encoded, Small, Secreted Peptides in Plants. Current Protocols in Plant Biology, 2019, 4, e20098.	2.8	15
11	NIN Acts as a Network Hub Controlling a Growth Module Required for Rhizobial Infection. Plant Physiology, 2019, 179, 1704-1722.	4.8	106
12	Small and Mighty: Peptide hormones in plant biology (By Sonali Roy, Peter Lundquist, Michael Udvardi.) <i>Trends in Plant Science</i> , 2019, 24, 10-18.	6.6	10
13	Roger W. Innes. Plant Cell, 2019, 31, 555-557.	6.6	0
14	Solving a Cold Case: Identification of Promoter Elements to Complement <i>Medicago</i> <i>nin</i> Mutants. Plant Cell, 2019, 31, 7-8.	6.6	1
15	Goldilocks Principle: MtNFH1 Ensures Optimal Nod Factor Activity. Plant Cell, 2018, 30, 267-268.	6.6	1
16	Joseph J. Kieber. Plant Cell, 2018, 30, 255-257.	6.6	0
17	Nitrate Ahoy! Shoot Cytokinin Signals Integrate Growth Responses with Nitrogen Availability. Plant Cell, 2018, 30, 1169-1170.	6.6	6
18	MtLAX2, a Functional Homologue of the <i>Arabidopsis</i> Auxin Influx Transporter AUX1, Is Required for Nodule Organogenesis. Plant Physiology, 2017, 174, 326-338.	4.8	56

#	ARTICLE	IF	CITATIONS
19	Genome-Wide Identification of <i>Medicago</i> Peptides Involved in Macronutrient Responses and Nodulation. <i>Plant Physiology</i> , 2017, 175, 1669-1689.	4.8	101
20	Time-Intensive Transcriptomics Reveal Temporal Patterns in the Jasmonic Acid Gene Regulatory Network. <i>Plant Cell</i> , 2017, 29, 2078-2079.	6.6	2
21	Identification of a core set of rhizobial infection genes using data from single cell-types. <i>Frontiers in Plant Science</i> , 2015, 6, 575.	3.6	30
22	Cytokinin responses counterpoint auxin signaling during rhizobial infection. <i>Plant Signaling and Behavior</i> , 2015, 10, e1019982.	2.4	16
23	The Root Hair 'Infectome' of <i>Medicago truncatula</i> Uncovers Changes in Cell Cycle Genes and Reveals a Requirement for Auxin Signaling in Rhizobial Infection. <i>Plant Cell</i> , 2014, 26, 4680-4701.	6.6	313
24	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512.	12.6	152