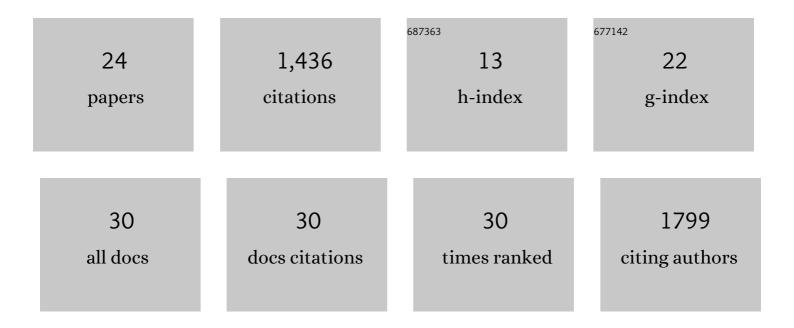
Sonali Roy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6278665/publications.pdf Version: 2024-02-01



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#	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 Medicago 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><scp>EFR</scp></i> in <i>Medicago truncatula</i> reduces infection by a root pathogenic bacterium, but not nitrogenâ€fixing rhizobial symbiosis. Plant Biotechnology Journal, 2019, 17, 569-579.	8.3	42
10	Identification and Functional Investigation of Genomeâ€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,) Tj ETQq0	0.0 rgBT /	Oyerlock 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 Medicago <i>nin</i> Mutants. Plant Cell, 2019, 31, 7-8.	6.6	1

- 15Goldilocks Principle: MtNFH1 Ensures Optimal Nod Factor Activity. Plant Cell, 2018, 30, 267-268.6.61
- 16Joseph J. Kieber. Plant Cell, 2018, 30, 255-257.6.6017Nitrate Ahoy! Shoot Cytokinin Signals Integrate Growth Responses with Nitrogen Availability. Plant6.6618MtLAX2, a Functional Homologue of the Arabidopsis Auxin Influx Transporter AUX1, Is Required for
Nodule Organogenesis. Plant Physiology, 2017, 174, 326-338.4.856

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#	Article	IF	CITATIONS
19	Genome-Wide Identification of <i>Medicago</i> Peptides Involved in Macronutrient Responses and Nodulation. Plant Physiology, 2017, 175, 1669-1689.	4.8	101
20	Time-Intensive Transcriptomics Reveal Temporal Patterns in the Jasmonic Acid Gene Regulatory Network. Plant Cell, 2017, 29, 2078-2079.	6.6	2
21	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
22	Cytokinin responses counterpoint auxin signaling during rhizobial infection. Plant Signaling and Behavior, 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. Plant Cell, 2014, 26, 4680-4701.	6.6	313
24	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. Science, 2014, 343, 1509-1512.	12.6	152