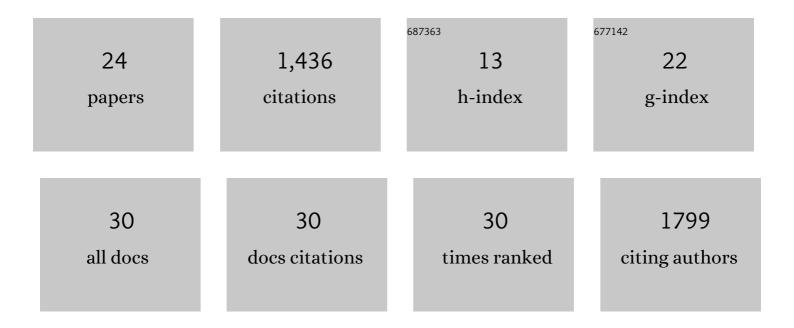
Sonali Roy

List of Publications by Year in descending order

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



SONAL POY

| # | 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 "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 |
| 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 <i>Medicago</i> 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 <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 |
| 9 | MtSSPdb: The <i>Medicago truncatula</i> 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 legume–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 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 |
| 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

| 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 <i>nin</i> Mutants. Plant Cell, 2019, 31, 7-8. | 6.6 | 1 |
| 23 | Joseph J. Kieber. Plant Cell, 2018, 30, 255-257. | 6.6 | Ο |
| 24 | Roger W. Innes. Plant Cell, 2019, 31, 555-557. | 6.6 | 0 |