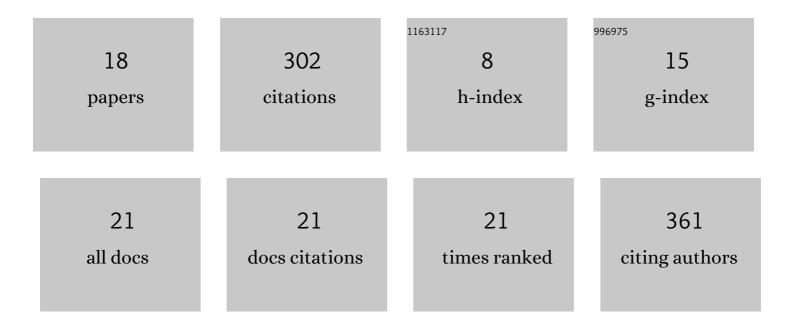
## Gayacharan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4111025/publications.pdf Version: 2024-02-01



| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Understanding genetic diversity in blackgram [Vigna mungo (L.) Hepper] collections of Indian National<br>Genebank. Genetic Resources and Crop Evolution, 2022, 69, 1229.  | 1.6 | 3         |
| 2 | Genotypic variation in root architectural traits under contrasting phosphorus levels in<br>Mediterranean and Indian origin lentil genotypes. PeerJ, 2022, 10, e12766.     | 2.0 | 5         |
| 3 | Morphological and nutritional assessment of Vigna vexillata (L.) A. Rich.: a potential tuberous legume of India. Genetic Resources and Crop Evolution, 2021, 68, 397-408. | 1.6 | 9         |
|   |   |     |           |

| 4 | First Report of a Novel Multi-flowering Germplasm with Fasciated Stem in Lentil (Lens culinaris) | IJ EIQQU U U rgBI | Overlock 10 If | 50 62 |
|---|--|-------------------|----------------|-------|
|   |  |                   |                |       |

| 5  | Assessment of root phenotypes in mungbean mini-core collection (MMC) from the World Vegetable<br>Center (AVRDC) Taiwan. PLoS ONE, 2021, 16, e0247810.  | 2.5 | 15 |
|----|--|-----|----|
| 6  | Cross tolerance to phosphorus deficiency and drought stress in mungbean is regulated by improved<br>antioxidant capacity, biological N2-fixation, and differential transcript accumulation. Plant and Soil,<br>2021, 466, 337-356. | 3.7 | 10 |
| 7  | Physiological Basis of Combined Stress Tolerance to Low Phosphorus and Drought in a Diverse Set of<br>Mungbean Germplasm. Agronomy, 2021, 11, 99.  | 3.0 | 16 |
| 8  | Transcriptome Analysis Reveals Key Pathways and Candidate Genes Controlling Seed Development and Size in Ricebean (Vigna umbellata). Frontiers in Genetics, 2021, 12, 791355.  | 2.3 | 2  |
| 9  | Understanding genetic variability in the mungbean ( <scp><i>Vigna radiata</i></scp> L.) genepool.<br>Annals of Applied Biology, 2020, 177, 346-357.  | 2.5 | 12 |
| 10 | Chickpea genetic resources: collection, conservation, characterization, and maintenance. , 2020, , 37-61.  |     | 7  |
| 11 | Genetic variation for root architectural traits in response to phosphorus deficiency in mungbean at the seedling stage. PLoS ONE, 2020, 15, e0221008.  | 2.5 | 47 |
| 12 | Mungbean Genetic Resources and Utilization. Compendium of Plant Genomes, 2020, , 9-25.   | 0.5 | 11 |
| 13 | Identification of novel resistant sources for ascochyta blight (Ascochyta rabiei) in chickpea. PLoS<br>ONE, 2020, 15, e0240589.  | 2.5 | 32 |
| 14 | Exploring of greater yam (Dioscorea alata L.) genotypes through biochemical screening for better<br>cultivation in south Gujarat zone of India. Physiology and Molecular Biology of Plants, 2019, 25,<br>1235-1249.                | 3.1 | 4  |
| 15 | Nutritional Diversity of Elite Rice Landrace from Subsistence-oriented Farming Systems. Indian Journal of Plant Genetic Resources, 2019, 32, 18.   | 0.1 | 1  |
| 16 | Population structure and genetic diversity of wheat landraces from northwestern Indian Himalaya.<br>Indian Journal of Plant Genetic Resources, 2018, 31, 169.  | 0.1 | 2  |
| 17 | Genetic resources of pulse crops in India: An overview. Indian Journal of Genetics and Plant Breeding, 2016, 76, 420.  | 0.5 | 22 |
| 18 | Epigenetic responses to drought stress in rice (Oryza sativa L.). Physiology and Molecular Biology of<br>Plants, 2013, 19, 379-387.  | 3.1 | 84 |