# Prabhakar Lal Srivastava

## List of Publications by Citations



| 13 | 244 | 9 | 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| 14 | 280 | 5.6 | 3.2 |
| ext. papers | ext. citations | avg, IF | L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 13 | De novo transcriptome assembly and comprehensive expression profiling in Crocus sativus to gain insights into apocarotenoid biosynthesis. *Scientific Reports*, **2016**, 6, 22456 | 4.9 | 62 |
| 12 | Functional Characterization of Novel Sesquiterpene Synthases from Indian Sandalwood, Santalum album. *Scientific Reports*, **2015**, 5, 10095 | 4.9 | 47 |
| 11 | Characterization of 10-hydroxygeraniol dehydrogenase from Catharanthus roseus reveals cascaded enzymatic activity in iridoid biosynthesis. *Scientific Reports*, **2015**, 5, 8258 | 4.9 | 30 |
| 10 | Self-assembly to function: design, synthesis, and broad spectrum antimicrobial properties of short hybrid E-vinylogous lipopeptides. *Journal of Medicinal Chemistry*, **2013**, 56, 8468-74 | 8.3 | 29 |
| 9 | Preparative separation of □and □santalenes and (Z)-□and (Z)-□santalols using silver nitrate-impregnated silica gel medium pressure liquid chromatography and analysis of sandalwood oil. *Analyst, The*, **2012**, 137, 4564-70 | 5 | 18 |
| 8 | Recent Advances in Plant Nanobionics and Nanobiosensors for Toxicology Applications. *Current Nanoscience*, **2020**, 16, 27-41 | 1.4 | 16 |
| 7 | Therapeutic potential of cyanobacterial pigment protein phycoerythrin: in silico and in vitro study of BACE1 interaction and in vivo A□reduction. *International Journal of Biological Macromolecules*, **2019**, 134, 368-378 | 7.9 | 11 |
| 6 | Comprehensive metabolic and transcriptomic profiling of various tissues provide insights for saponin biosynthesis in the medicinally important Asparagus racemosus. *Scientific Reports*, **2018**, 8, 9098 | 4.9 | 11 |
| 5 | Immobilised Enzymes for Sesquiterpene Synthesis in Batch and Flow Systems. *ChemCatChem*, **2020**, 12, 2194-2197 | 5.2 | 9 |
| 4 | Biocatalyst mediated regio- and stereo-selective hydroxylation and epoxidation of (Z)-□santalol. *Organic and Biomolecular Chemistry*, **2014**, 12, 1048-51 | 3.9 | 5 |
| 3 | Redesigning the Molecular Choreography to Prevent Hydroxylation in Germacradien-11-ol Synthase Catalysis. *ACS Catalysis*, **2021**, 11, 1033-1041 | 13.1 | 5 |
| 2 | Genome-wide discovery of OsHOX24-binding sites and regulation of desiccation stress response in rice. *Plant Molecular Biology*, **2021**, 105, 205-214 | 4.6 | 1 |
| 1 | Recent Highlights of RNA Sequencing Approaches for In-Depth Understanding of Plant Metabolic Engineering **2018**, 63-74 | | |