

Prabhakar Lal Srivastava

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

328
citations

933264

10
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo transcriptome assembly and comprehensive expression profiling in <i>Crocus sativus</i> to gain insights into apocarotenoid biosynthesis. <i>Scientific Reports</i> , 2016, 6, 22456.	1.6	78
2	Functional Characterization of Novel Sesquiterpene Synthases from Indian Sandalwood, <i>Santalum album</i> . <i>Scientific Reports</i> , 2015, 5, 10095.	1.6	56
3	Characterization of 10-Hydroxygeraniol Dehydrogenase from <i>Catharanthus roseus</i> Reveals Cascaded Enzymatic Activity in Iridoid Biosynthesis. <i>Scientific Reports</i> , 2015, 5, 8258.	1.6	44
4	Self-Assembly to Function: Design, Synthesis, and Broad Spectrum Antimicrobial Properties of Short Hybrid <i>E</i> -Vinylous Lipopeptides. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8468-8474.	2.9	32
5	Therapeutic potential of cyanobacterial pigment protein phycoerythrin: in silico and in vitro study of BACE1 interaction and in vivo Al^{2+} reduction. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 368-378.	3.6	25
6	Recent Advances in Plant Nanobionics and Nanobiosensors for Toxicology Applications. <i>Current Nanoscience</i> , 2020, 16, 27-41.	0.7	23
7	Preparative separation of $\hat{1}\pm$ - and $\hat{1}^2$ -santalenes and (Z)- $\hat{1}\pm$ - and (Z)- $\hat{1}^2$ -santalols using silver nitrate-impregnated silica gel medium pressure liquid chromatography and analysis of sandalwood oil. <i>Analyst</i> , 2012, 137, 4564.	1.7	19
8	Comprehensive metabolic and transcriptomic profiling of various tissues provide insights for saponin biosynthesis in the medicinally important <i>Asparagus racemosus</i> . <i>Scientific Reports</i> , 2018, 8, 9098.	1.6	18
9	Redesigning the Molecular Choreography to Prevent Hydroxylation in Germacradien-11-ol Synthase Catalysis. <i>ACS Catalysis</i> , 2021, 11, 1033-1041.	5.5	13
10	Immobilised Enzymes for Sesquiterpene Synthesis in Batch and Flow Systems. <i>ChemCatChem</i> , 2020, 12, 2194-2197.	1.8	10
11	Biocatalyst mediated regio- and stereo-selective hydroxylation and epoxidation of (Z)- $\hat{1}\pm$ -santalol. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1048.	1.5	6
12	Genome-wide discovery of OsHOX24-binding sites and regulation of desiccation stress response in rice. <i>Plant Molecular Biology</i> , 2021, 105, 205-214.	2.0	4
13	Recent Highlights of RNA Sequencing Approaches for In-Depth Understanding of Plant Metabolic Engineering. , 2018, , 63-74.		0