

Prashant Singh

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,077
citations

471509

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501196

28
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docs citations

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times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation for the interaction of gamma oryzanol with the Mpro of SARS-CoV-2 to combat COVID-19: DFT, molecular docking, ADME and molecular dynamics simulations. Journal of Biomolecular Structure and Dynamics, 2023, 41, 1919-1929.	3.5	11
2	L-amino-acids as immunity booster against COVID-19: DFT, molecular docking and MD simulations. Journal of Molecular Structure, 2022, 1250, 131924.	3.6	7
3	An insight of novel eutectic mixture between thiazolidine-2,4-dione and zinc chloride: Temperature-dependent density functional theory approach. Journal of Physical Organic Chemistry, 2022, 35, e4305.	1.9	15
4	In silico study of remdesivir with and without ionic liquids having different cations using DFT calculations and molecular docking. Journal of the Indian Chemical Society, 2022, 99, 100328.	2.8	2
5	The Impact of Microbes in Plant Immunity and Priming Induced Inheritance: A Sustainable Approach for Crop protection. Plant Stress, 2022, 4, 100072.	5.5	25
6	An In Silico investigation for acyclovir and its derivatives to fight the COVID-19: Molecular docking, DFT calculations, ADME and Molecular dynamics simulations. Journal of the Indian Chemical Society, 2022, 99, 100433.	2.8	14
7	Issues in cyanobacterial taxonomy: comprehensive case study of unbranched, false branched and true branched heterocystous cyanobacteria. FEMS Microbiology Letters, 2021, 368, .	1.8	7
8	Stereospecific N-acylation of indoles and corresponding microwave mediated synthesis of pyrazinoindoles using hexafluoroisopropanol. Tetrahedron, 2021, 84, 132017.	1.9	10
9	Neowestiellopsis gen. nov, a new genus of true branched cyanobacteria with the description of Neowestiellopsis persica sp. nov. and Neowestiellopsis bilateralis sp. nov., isolated from Iran. Plant Systematics and Evolution, 2018, 304, 501-510.	0.9	25
10	Nonredundant functions of <i>Arabidopsis</i> <i>LecRK</i> and <i>LecRK</i> - <i>VII</i> .1 in controlling stomatal immunity and jasmonate-mediated stomatal closure. New Phytologist, 2018, 218, 253-268.	7.3	29
11	A calcium-stimulated serine peptidase from a true-branching cyanobacterium, <i>Westiellopsis ramosa</i> sp. nov.. Physiology and Molecular Biology of Plants, 2018, 24, 261-273.	3.1	2
12	Jasmonic acid-dependent regulation of seed dormancy following maternal herbivory in <i>Arabidopsis</i> . New Phytologist, 2017, 214, 1702-1711.	7.3	38
13	<i>Westiellopsis ramosa</i> sp. nov., intensely branched species of <i>Westiellopsis</i> (cyanobacteria) from a freshwater habitat of Jabalpur, Madhya Pradesh, India. Plant Systematics and Evolution, 2017, 303, 1239-1249.	0.9	6
14	A new species of <i>Scytonema</i> isolated from Bilaspur, Chhattisgarh, India. Journal of Systematics and Evolution, 2016, 54, 519-527.	3.1	12
15	Decoding cyanobacterial phylogeny and molecular evolution using an evonumeric approach. Protoplasma, 2015, 252, 519-535.	2.1	19
16	Molecular phylogeny and evogenomics of heterocystous cyanobacteria using <i>rbcl</i> gene sequence data. Annals of Microbiology, 2015, 65, 799-807.	2.6	29
17	Phylogenetic analysis of heterocystous cyanobacteria (Subsections IV and V) using highly iterated palindromes as molecular markers. Physiology and Molecular Biology of Plants, 2014, 20, 331-342.	3.1	14
18	Environmental History Modulates <i>Arabidopsis</i> Pattern-Triggered Immunity in a HISTONE ACETYLTRANSFERASE1-Dependent Manner. Plant Cell, 2014, 26, 2676-2688.	6.6	133

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19	Molecular phylogeny, population genetics, and evolution of heterocystous cyanobacteria using nifH gene sequences. <i>Protoplasma</i> , 2013, 250, 751-764.	2.1	31
20	Priming of the <scp>A</scp>rabidopsis patternâ€ triggered immunity response upon infection by necrotrophic <i><scp>P</scp>ectobacterium carotovorum</i> bacteria. <i>Molecular Plant Pathology</i> , 2013, 14, 58-70.	4.2	87
21	The Arabidopsis LECTIN RECEPTOR KINASE-VI.2 is a functional protein kinase and is dispensable for basal resistance to<i>Botrytis cinerea</i>. <i>Plant Signaling and Behavior</i> , 2013, 8, e22611.	2.4	27
22	Lectin receptor kinases in plant innate immunity. <i>Frontiers in Plant Science</i> , 2013, 4, 124.	3.6	120
23	The Lectin Receptor Kinase-VI.2 Is Required for Priming and Positively Regulates <i>Arabidopsis</i> Pattern-Trigged Immunity. <i>Plant Cell</i> , 2012, 24, 1256-1270.	6.6	186
24	Antisense Suppression of the Small Chloroplast Protein CP12 in Tobacco Alters Carbon Partitioning and Severely Restricts Growth Â. <i>Plant Physiology</i> , 2011, 157, 620-631.	4.8	39
25	Priming for enhanced defence responses by specific inhibition of the Arabidopsis response to coronatine. <i>Plant Journal</i> , 2011, 65, 469-479.	5.7	47
26	Î²-aminobutyric acid priming by stress imprinting. <i>Plant Signaling and Behavior</i> , 2010, 5, 878-880.	2.4	20
27	L-Glutamine inhibits beta-aminobutyric acid-induced stress resistance and priming in Arabidopsis. <i>Journal of Experimental Botany</i> , 2010, 61, 995-1002.	4.8	81
28	Expression analysis of the Arabidopsis CP12 gene family suggests novel roles for these proteins in roots and floral tissues. <i>Journal of Experimental Botany</i> , 2008, 59, 3975-3985.	4.8	41