Vinod Chhokar

List of Publications by Year
in descending order

37 papers	631 citations	623734 14 h-index	677142 22 g-index
39 all docs	39 docs citations	39 times ranked	745 citing authors

#	Article	IF	Citations
1	The dark side of miracle plant-Aloe vera: a review. Molecular Biology Reports, 2022, 49, 5029-5040.	2.3	6
2	Integrative RNA-Seq analysis of Capsicum annuum L.-Phytophthora capsici L. pathosystem reveals molecular cross-talk and activation of host defence response. Physiology and Molecular Biology of Plants, 2022, 28, 171-188.	3.1	7
3	In vitro microcosm of co-cultured bacteria for the removal of hexavalent Cr and tannic acid: A mechanistic approach to study the impact of operational parameters. Ecotoxicology and Environmental Safety, 2021, 208, 111484.	6.0	11
4	Elucidation of genetic diversity and population structure of sixty genotypes of Aloe vera using AFLP markers. South African Journal of Botany, 2021, , .	2.5	3
5	Optimization and production of antimicrobial compounds by Aspergillus flavus MTCC 13062 and its synergistic studies. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102065.	3.1	3
6	Characterization of genetic diversity and population structure in wheat using array based SNP markers. Molecular Biology Reports, 2020, 47, 293-306.	2.3	60
7	Karnal Bunt: A Re-Emerging Old Foe of Wheat. Frontiers in Plant Science, 2020, 11, 569057.	3.6	30
8	Phenotypic characterization of chili pepper (Capsicum annuum L.) under Phytophthora capsici infection and analysis of genetic diversity among identified resistance accessions using SSR markers. Physiological and Molecular Plant Pathology, 2020, 112, 101539.	2.5	13
9	Genome-Wide Association Studies in Diverse Spring Wheat Panel for Stripe, Stem, and Leaf Rust Resistance. Frontiers in Plant Science, 2020, 11, 748.	3.6	44
10	Efficacy of Aspergillus fumigatus MCC 1175 for Bioremediation of Tannery Wastewater. Clean - Soil, Air, Water, 2019, 47, 1900131.	1.1	16
11	Saponin-loaded SBA-15: release properties and cytotoxicity to Panc-I cancer cells. Journal of Porous Materials, 2018, 25, 945-953.	2.6	4
12	De novo sequencing, assembly and characterisation of Aloe vera transcriptome and analysis of expression profiles of genes related to saponin and anthraquinone metabolism. BMC Genomics, 2018, 19, 427.	2.8	36
13	Biosorption of Heavy Metals from Aqueous Solution by Bacteria Isolated from Contaminated Soil. Water Environment Research, 2018, 90, 424-430.	2.7	12
14	Analytical profiling of mutations in quinolone resistance determining region of gyrA gene among UPEC. PLoS ONE, 2018, 13, e0190729.	2.5	37
15	Influence of functionalized mesoporous silica in controlling azathioprine drug release and cytotoxicity properties. Materials Research Innovations, 2017, 21, 413-425.	2.3	4
16	Recent Advances in Phytoremediation Technology. , 2017, , 227-241.		40
17	Bioremediation of Tannery Wastewater. , 2017, , 125-144.		8
18	Optimization of chromium and tannic acid bioremediation by Aspergillus niveus using Plackettâ€"Burman design and response surface methodology. AMB Express, 2017, 7, 201.	3.0	15

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19	Molecular Structure, Biological Functions, and Metabolic Regulation of Flavonoids. , 2017, , 171-188.		11
20	Quantification of Genomic DNA of 125 Chickpea (Cicer ArietinumÂL.) Genotypes. MOJ Biology and Medicine, 2017, 1, .	0.2	0
21	Improved antimicrobial property and controlled drug release kinetics of silver sulfadiazine loaded ordered mesoporous silica. Journal of Asian Ceramic Societies, 2016, 4, 282-288.	2.3	20
22	Influence of functionalization type on controlled release of emodin from mesoporous silica. Journal of Porous Materials, 2016, 23, 1047-1057.	2.6	11
23	In-vitro drug release kinetics studies of mesoporous SBA-15-azathioprine composite. Journal of Porous Materials, 2016, 23, 679-688.	2.6	35
24	Molecular Characterization of Acyl CoA: Diacylglycerol O-acyltransferase 1 (DGAT1) in Sheep and its Comparison with Other Ruminants. American Journal of Biochemistry and Molecular Biology, 2016, 6, 67-71.	0.6	0
25	Cadmium induced alteration in lipid profile of developing mustard (Brassica juncea L.) seed. Biocatalysis and Agricultural Biotechnology, 2015, 4, 416-422.	3.1	3
26	Assessment of genetic diversity among 125 cultivars of chickpea(Cicer arietinum L.) of Indian origin using ISSR markers. Turkish Journal of Botany, 2015, 39, 218-226.	1.2	8
27	Biochemical characterization of immobilized tannase from Aspergillus awamori. Biocatalysis and Agricultural Biotechnology, 2015, 4, 398-403.	3.1	20
28	Lipid content and fatty acid change in the developing silique wall of mustard (Brassica juncea L.). Biocatalysis and Agricultural Biotechnology, 2015, 4, 122-125.	3.1	3
29	Production of tannase through solid state fermentation using Indian Rosewood (Dalbergia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.6	14
30	A novel low molecular weight acido-thermophilic tannase from Enterobacter cloacae MTCC 9125. Biocatalysis and Agricultural Biotechnology, 2013, 2, 132-137.	3.1	37
31	Recent Advances in Industrial Application of Tannases: A Review. Recent Patents on Biotechnology, 2013, 7, 228-233.	0.8	32
32	Evaluation of Root Extracts of Asparagus racemosus for Antibacterial Activity. American Journal of Drug Discovery and Development, 2013, 3, 113-119.	0.6	5
33	Identification of novel single nucleotide polymorphisms in the DGAT1 gene of buffaloes by PCR-SSCP. Genetics and Molecular Biology, 2012, 35, 610-613.	1.3	8
34	Inter Simple Sequence Repeats Reveal Significant Genetic Diversity Among Chickpea (Cicer arietinum L.) Genotypes. Journal of Plant Sciences, 2011, 6, 202-212.	0.2	2
35	Purification and characterization of extracellular tannin acyl hydrolase from Aspergillus heteromorphus MTCC 8818. Biotechnology and Bioprocess Engineering, 2010, 15, 793-799.	2.6	26
36	Effect of Additives on the Activity of Tannase from Aspergillus awamori MTCC9299. Applied Biochemistry and Biotechnology, 2010, 160, 2256-2264.	2.9	41

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37	Effect of garlic (Allium sativum L.) extract on degree of hydration, fructose, sulphur and phosphorus contents of rat eyelens and intestinal absorption of nutrients. Indian Journal of Clinical Biochemistry, 2003, 18, 190-196.	1.9	6