

# Vinod Chhokar

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

631  
citations

623574

14  
h-index

677027

22  
g-index

39  
all docs

39  
docs citations

39  
times ranked

745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of genetic diversity and population structure in wheat using array based SNP markers. <i>Molecular Biology Reports</i> , 2020, 47, 293-306.	1.0	60
2	Genome-Wide Association Studies in Diverse Spring Wheat Panel for Stripe, Stem, and Leaf Rust Resistance. <i>Frontiers in Plant Science</i> , 2020, 11, 748.	1.7	44
3	Effect of Additives on the Activity of Tannase from <i>Aspergillus awamori</i> MTCC9299. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 2256-2264.	1.4	41
4	Recent Advances in Phytoremediation Technology. , 2017, , 227-241.		40
5	A novel low molecular weight acido-thermophilic tannase from <i>Enterobacter cloacae</i> MTCC 9125. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 132-137.	1.5	37
6	Analytical profiling of mutations in quinolone resistance determining region of <i>gyrA</i> gene among UPEC. <i>PLoS ONE</i> , 2018, 13, e0190729.	1.1	37
7	De novo sequencing, assembly and characterisation of <i>Aloe vera</i> transcriptome and analysis of expression profiles of genes related to saponin and anthraquinone metabolism. <i>BMC Genomics</i> , 2018, 19, 427.	1.2	36
8	In-vitro drug release kinetics studies of mesoporous SBA-15-azathioprine composite. <i>Journal of Porous Materials</i> , 2016, 23, 679-688.	1.3	35
9	Recent Advances in Industrial Application of Tannases: A Review. <i>Recent Patents on Biotechnology</i> , 2013, 7, 228-233.	0.4	32
10	Karnal Bunt: A Re-Emerging Old Foe of Wheat. <i>Frontiers in Plant Science</i> , 2020, 11, 569057.	1.7	30
11	Purification and characterization of extracellular tannin acyl hydrolase from <i>Aspergillus heteromorphus</i> MTCC 8818. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 793-799.	1.4	26
12	Biochemical characterization of immobilized tannase from <i>Aspergillus awamori</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 398-403.	1.5	20
13	Improved antimicrobial property and controlled drug release kinetics of silver sulfadiazine loaded ordered mesoporous silica. <i>Journal of Asian Ceramic Societies</i> , 2016, 4, 282-288.	1.0	20
14	Efficacy of <i>Aspergillus fumigatus</i> MCC 1175 for Bioremediation of Tannery Wastewater. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1900131.	0.7	16
15	Optimization of chromium and tannic acid bioremediation by <i>Aspergillus niveus</i> using Plackett-Burman design and response surface methodology. <i>AMB Express</i> , 2017, 7, 201.	1.4	15
16	Production of tannase through solid state fermentation using Indian Rosewood ( <i>Dalbergia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 To	1.1	14
17	Phenotypic characterization of chili pepper ( <i>Capsicum annuum</i> L.) under <i>Phytophthora capsici</i> infection and analysis of genetic diversity among identified resistance accessions using SSR markers. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101539.	1.3	13
18	Biosorption of Heavy Metals from Aqueous Solution by Bacteria Isolated from Contaminated Soil. <i>Water Environment Research</i> , 2018, 90, 424-430.	1.3	12

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19	Influence of functionalization type on controlled release of emodin from mesoporous silica. <i>Journal of Porous Materials</i> , 2016, 23, 1047-1057.	1.3	11
20	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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111484.	2.9	11
21	Molecular Structure, Biological Functions, and Metabolic Regulation of Flavonoids. , 2017, , 171-188.		11
22	Identification of novel single nucleotide polymorphisms in the DGAT1 gene of buffaloes by PCR-SSCP. <i>Genetics and Molecular Biology</i> , 2012, 35, 610-613.	0.6	8
23	Assessment of genetic diversity among 125 cultivars of chickpea ( <i>Cicer arietinum</i> L.) of Indian origin using ISSR markers. <i>Turkish Journal of Botany</i> , 2015, 39, 218-226.	0.5	8
24	Bioremediation of Tannery Wastewater. , 2017, , 125-144.		8
25	Integrative RNA-Seq analysis of <i>Capsicum annuum</i> L.- <i>Phytophthora capsici</i> L. pathosystem reveals molecular cross-talk and activation of host defence response. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 171-188.	1.4	7
26	Effect of garlic ( <i>Allium sativum</i> L.) extract on degree of hydration, fructose, sulphur and phosphorus contents of rat eyelens and intestinal absorption of nutrients. <i>Indian Journal of Clinical Biochemistry</i> , 2003, 18, 190-196.	0.9	6
27	The dark side of miracle plant-Aloe vera: a review. <i>Molecular Biology Reports</i> , 2022, 49, 5029-5040.	1.0	6
28	Evaluation of Root Extracts of <i>Asparagus racemosus</i> for Antibacterial Activity. <i>American Journal of Drug Discovery and Development</i> , 2013, 3, 113-119.	0.6	5
29	Influence of functionalized mesoporous silica in controlling azathioprine drug release and cytotoxicity properties. <i>Materials Research Innovations</i> , 2017, 21, 413-425.	1.0	4
30	Saponin-loaded SBA-15: release properties and cytotoxicity to Panc-I cancer cells. <i>Journal of Porous Materials</i> , 2018, 25, 945-953.	1.3	4
31	Cadmium induced alteration in lipid profile of developing mustard ( <i>Brassica juncea</i> L.) seed. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 416-422.	1.5	3
32	Lipid content and fatty acid change in the developing silique wall of mustard ( <i>Brassica juncea</i> L.). <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 122-125.	1.5	3
33	Elucidation of genetic diversity and population structure of sixty genotypes of Aloe vera using AFLP markers. <i>South African Journal of Botany</i> , 2021, , .	1.2	3
34	Optimization and production of antimicrobial compounds by <i>Aspergillus flavus</i> MTCC 13062 and its synergistic studies. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102065.	1.5	3
35	Inter Simple Sequence Repeats Reveal Significant Genetic Diversity Among Chickpea ( <i>Cicer arietinum</i> L.) Genotypes. <i>Journal of Plant Sciences</i> , 2011, 6, 202-212.	0.2	2
36	Molecular Characterization of Acyl CoA: Diacylglycerol O-acyltransferase 1 (DGAT1) in Sheep and its Comparison with Other Ruminants. <i>American Journal of Biochemistry and Molecular Biology</i> , 2016, 6, 67-71.	0.6	0

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37	Quantification of Genomic DNA of 125 Chickpea ( <i>Cicer Arietinum</i> ÂL.) Genotypes. MOJ Biology and Medicine, 2017, 1, .	0.2	0