

Vikas Beniwal

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,457
citations

394286

19
h-index

345118

36
g-index

53
all docs

53
docs citations

53
times ranked

1924
citing authors

#	ARTICLE	IF	CITATIONS
1	Unloading of hazardous Cr and Tannic Acid from real and synthetic waste water by novel fungal consortia. <i>Environmental Technology and Innovation</i> , 2022, 26, 102230.	3.0	9
2	Effective removal of Pb(II) and Ni(II) ions by <i>Bacillus cereus</i> and <i>Bacillus pumilus</i> : An experimental and mechanistic approach. <i>Environmental Research</i> , 2022, 212, 113337.	3.7	19
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. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111484.	2.9	11
4	Bioremediation potential of novel fungal species isolated from wastewater for the removal of lead from liquid medium. <i>Environmental Technology and Innovation</i> , 2020, 18, 100757.	3.0	32
5	Ferulic Acid: A Promising Therapeutic Phytochemical and Recent Patents Advances. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2019, 13, 115-123.	3.9	90
6	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
7	Bioactive metabolites of <i>Ganoderma lucidum</i> : Factors, mechanism and broad spectrum therapeutic potential. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100268.	1.0	44
8	Modified combined disc test (mCDT): a novel, labor-saving and 4 times cheaper method to differentiate Class A, B and D carbapenemase-producing <i>Klebsiella</i> species. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 93, 96-100.	0.8	1
9	Isolation and characterization of seed specific phytase promoter (TaPAPhy_a1.1) from wheat. <i>Indian Journal of Plant Physiology</i> , 2018, 23, 148-160.	0.8	2
10	Modified Carba NP Test: Simple and rapid method to differentiate KPC and MBL producing <i>Klebsiella</i> species. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22448.	0.9	11
11	Identification of PCR-based DNA Marker Linked to High Phytase Level of Wheat. <i>Journal of Crop Science and Biotechnology</i> , 2018, 21, 83-88.	0.7	3
12	Probing Gallic Acid for Its Broad Spectrum Applications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1283-1293.	1.1	100
13	Phenols and Polyphenols: Promise and Peril to Human Health. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1242-1243.	1.1	0
14	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
15	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
16	Recent Advances in Phytoremediation Technology. , 2017, , 227-241.		40
17	Cereal phytases and their importance in improvement of micronutrients bioavailability. <i>3 Biotech</i> , 2017, 7, 42.	1.1	47
18	Bioremediation of Tannery Wastewater. , 2017, , 125-144.		8

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19	Antibacterial, tyrosinase, and DNA photocleavage studies of some triazolynucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 543-551.	0.4	7
20	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
21	Improved production of tannase by <i>Klebsiella pneumoniae</i> using Indian gooseberry leaves under submerged fermentation using Taguchi approach. <i>AMB Express</i> , 2016, 6, 46.	1.4	20
22	Synthesis of some novel oxazolidinone-thiazole hybrids as potential antimicrobial, antioxidant and UV mediated DNA damage protecting agents. <i>Medicinal Chemistry Research</i> , 2016, 25, 2237-2249.	1.1	12
23	Transmission of mutans streptococci in mother-child pairs. <i>Indian Journal of Medical Research</i> , 2016, 144, 264.	0.4	23
24	Correlation between dental caries experience and mutans streptococci counts by microbial and molecular (polymerase chain reaction) assay using saliva as microbial risk indicator. <i>Dental Research Journal</i> , 2016, 13, 552.	0.2	15
25	Anaerobic degradation of tannins in <i>Acacia nilotica</i> pods by <i>Enterococcus faecalis</i> in co-culture with ruminal microbiota. <i>Journal of General and Applied Microbiology</i> , 2015, 61, 31-33.	0.4	5
26	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
27	Purification and characterization of a thermophilic tannase from <i>Klebsiella pneumoniae</i> KP715242. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 745-751.	1.5	14
28	Synthesis of some pyrazolylaldehyde N-isonicotinoyl hydrazones and 2,5-disubstituted 1,3,4-oxadiazoles as DNA photocleaving agents. <i>Medicinal Chemistry Research</i> , 2015, 24, 2862-2870.	1.1	6
29	Use of chickpea (<i>Cicer arietinum</i> L.) milling agrowaste for the production of tannase using co-cultures of <i>Aspergillus awamori</i> MTCC 9299 and <i>Aspergillus heteromorphus</i> MTCC 8818. <i>Annals of Microbiology</i> , 2015, 65, 1277-1286.	1.1	9
30	Optimization of tannase production by a novel <i>Klebsiella pneumoniae</i> KP715242 using central composite design. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 7, 128-134.	2.1	26
31	Biochemical characterization of immobilized tannase from <i>Aspergillus awamori</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 398-403.	1.5	20
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	Medicinal importance of gallic acid and its ester derivatives: a patent review. <i>Pharmaceutical Patent Analyst</i> , 2015, 4, 305-315.	0.4	204
34	Solvent-free synthesis of novel (E)-2-(3,5-dimethyl-4-(aryldiazenyl)-1H-pyrazol-1-yl)-4-arylthiazoles: determination of their biological activity. <i>Medicinal Chemistry Research</i> , 2015, 24, 3863-3875.	1.1	13
35	Novel (E)-1-aryl-2-(3,5-dimethyl-4-(aryldiazenyl)-1H-pyrazol-1-yl)ethanones: solvent-free synthesis and antimicrobial, antioxidant and UV-mediated DNA damage protective activity studies. <i>Medicinal Chemistry Research</i> , 2015, 24, 4023-4036.	1.1	6
36	Synthesis, docking study, and DNA photocleavage activity of some pyrimidinyl hydrazones and 3-(quinolin-3-yl)-5,7-dimethyl-1,2,4-triazolo[4,3-a]pyrimidine derivatives. <i>Medicinal Chemistry Research</i> , 2015, 24, 1830-1841.	1.1	19

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37	Microbial pigments as natural color sources: current trends and future perspectives. <i>Journal of Food Science and Technology</i> , 2015, 52, 4669-4678.	1.4	195
38	A retrospective approach to assess human health risks associated with growing air pollution in urbanized area of Thar Desert, western Rajasthan, India. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 23.	1.4	44
39	Synthesis and biological evaluation of some 2-(3,5-dimethyl-1H-pyrazol-1-yl)-1-arylethanones: Antibacterial, DNA photocleavage, and anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 267-276.	2.6	49
40	PRODUCTION OF TANNASE UNDER SOLID-STATE FERMENTATION AND ITS APPLICATION IN DETANNIFICATION OF GUAVA JUICE. <i>Preparative Biochemistry and Biotechnology</i> , 2014, 44, 281-290.	1.0	32
41	Synthesis, characterization and DNA photocleavage study of a novel dehydroacetic acid based hydrazone Schiffâ€™s base and its metal complexes. <i>Medicinal Chemistry Research</i> , 2014, 23, 3327-3335.	1.1	23
42	Synthesis, characterization, and DNA cleavage study of dehydroacetic acid based tridentate Schiffâ€™s base and its metal complexes of first transition series. <i>Medicinal Chemistry Research</i> , 2014, 23, 4060-4069.	1.1	13
43	Production of tannase through solid state fermentation using Indian Rosewood (<i>Dalbergia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.1	14
44	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
45	Recent Advances in Industrial Application of Tannases: A Review. <i>Recent Patents on Biotechnology</i> , 2013, 7, 228-233.	0.4	32
46	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
47	Molecular differentiation of Peroxisome proliferator activated receptor coactivator-1 among different breeds of <i>Bubalus bubalis</i> . <i>Bioinformation</i> , 2012, 8, 600-606.	0.2	1
48	Degradation of tannic acid and purification and characterization of tannase from <i>Enterococcus faecalis</i> . <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 1061-1065.	1.9	36
49	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
50	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
51	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
52	Potential of TiO ₂ loaded almond shell derived activated carbon for leachate treatment: isotherms, kinetics, and Response Surface Methodology. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-22.	1.8	2