

# Vikas Beniwal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6775163/publications.pdf>

Version: 2024-02-01

52  
papers

1,457  
citations

394421  
19  
h-index

345221  
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. Environmental Technology and Innovation, 2022, 26, 102230.	6.1	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. Environmental Research, 2022, 212, 113337.	7.5	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. Ecotoxicology and Environmental Safety, 2021, 208, 111484.	6.0	11
4	Bioremediation potential of novel fungal species isolated from wastewater for the removal of lead from liquid medium. Environmental Technology and Innovation, 2020, 18, 100757.	6.1	32
5	Ferulic Acid: A Promising Therapeutic Phytochemical and Recent Patents Advances. Recent Patents on Inflammation and Allergy Drug Discovery, 2019, 13, 115-123.	3.6	90
6	Efficacy of <i>Aspergillus fumigatus</i> MCC 1175 for Bioremediation of Tannery Wastewater. Clean - Soil, Air, Water, 2019, 47, 1900131.	1.1	16
7	Bioactive metabolites of <i>Ganoderma lucidum</i> : Factors, mechanism and broad spectrum therapeutic potential. Journal of Herbal Medicine, 2019, 17-18, 100268.	2.0	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. Diagnostic Microbiology and Infectious Disease, 2019, 93, 96-100.	1.8	1
9	Isolation and characterization of seed specific phytase promoter (TaPAPhy_a1.1) from wheat. Indian Journal of Plant Physiology, 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. Journal of Clinical Laboratory Analysis, 2018, 32, e22448.	2.1	11
11	Identification of PCR-based DNA Marker Linked to High Phytase Level of Wheat. Journal of Crop Science and Biotechnology, 2018, 21, 83-88.	1.5	3
12	Probing Gallic Acid for Its Broad Spectrum Applications. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1283-1293.	2.4	100
13	Phenols and Polyphenols: Promise and Peril to Human Health. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1242-1243.	2.4	0
14	Biosorption of Heavy Metals from Aqueous Solution by Bacteria Isolated from Contaminated Soil. Water Environment Research, 2018, 90, 424-430.	2.7	12
15	Analytical profiling of mutations in quinolone resistance determining region of <i>gyrA</i> gene among UPEC. PLoS ONE, 2018, 13, e0190729.	2.5	37
16	Recent Advances in Phytoremediation Technology. , 2017, , 227-241.		40
17	Cereal phytases and their importance in improvement of micronutrients bioavailability. 3 Biotech, 2017, 7, 42.	2.2	47
18	Bioremediation of Tannery Wastewater. , 2017, , 125-144.		8

#	ARTICLE	IF	CITATIONS
19	Antibacterial, tyrosinase, and DNA photocleavage studies of some triazolylnucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 543-551.	1.1	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.	3.0	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.	3.0	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.	2.4	12
23	Transmission of mutans streptococci in mother-child pairs. <i>Indian Journal of Medical Research</i> , 2016, 144, 264.	1.0	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.	0.6	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.	0.7	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.	3.1	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.	3.1	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.	2.4	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.	2.6	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.	4.4	26
31	Biochemical characterization of immobilized tannase from <i>Aspergillus awamori</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 398-403.	3.1	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.	3.1	3
33	Medicinal importance of gallic acid and its ester derivatives: a patent review. <i>Pharmaceutical Patent Analyst</i> , 2015, 4, 305-315.	1.1	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.	2.4	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.	2.4	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.	2.4	19

#	ARTICLE	IF	CITATIONS
37	Microbial pigments as natural color sources: current trends and future perspectives. Journal of Food Science and Technology, 2015, 52, 4669-4678.	2.8	195
38	A retrospective approach to assess human health risks associated with growing air pollution in urbanized area of Thar Desert, western Rajasthan, India. Journal of Environmental Health Science & Engineering, 2014, 12, 23.	3.0	44
39	Synthesis and biological evaluation of some 2-(3,5-dimethyl-1H-pyrazol-1-yl)-1-arylethanones: Antibacterial, DNA photocleavage, and anticancer activities. European Journal of Medicinal Chemistry, 2014, 81, 267-276.	5.5	49
40	PRODUCTION OF TANNASE UNDER SOLID-STATE FERMENTATION AND ITS APPLICATION IN DETANNIFICATION OF GUAVA JUICE. Preparative Biochemistry and Biotechnology, 2014, 44, 281-290.	1.9	32
41	Synthesis, characterization and DNA photocleavage study of a novel dehydroacetic acid based hydrazone Schiffâ€™s base and its metal complexes. Medicinal Chemistry Research, 2014, 23, 3327-3335.	2.4	23
42	Synthesis, characterization, and DNA cleavage study of dehydroacetic acid based tridentate Schiffâ€™s base and its metal complexes of first transition series. Medicinal Chemistry Research, 2014, 23, 4060-4069.	2.4	13
43	Production of tannase through solid state fermentation using Indian Rosewood (Dalbergia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	2.6	14
44	A novel low molecular weight acido-thermophilic tannase from Enterobacter cloacae MTCC 9125. Biocatalysis and Agricultural Biotechnology, 2013, 2, 132-137.	3.1	37
45	Recent Advances in Industrial Application of Tannases: A Review. Recent Patents on Biotechnology, 2013, 7, 228-233.	0.8	32
46	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
47	Molecular differentiation of Peroxisome proliferator activated receptor coactivator-1 among different breeds of Bubalus bubalis. Bioinformation, 2012, 8, 600-606.	0.5	1
48	Degradation of tannic acid and purification and characterization of tannase from Enterococcus faecalis. International Biodeterioration and Biodegradation, 2011, 65, 1061-1065.	3.9	36
49	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
50	Purification and characterization of extracellular tannin acyl hydrolase from Aspergillus heteromorphus MTCC 8818. Biotechnology and Bioprocess Engineering, 2010, 15, 793-799.	2.6	26
51	Effect of Additives on the Activity of Tannase from Aspergillus awamori MTCC9299. Applied Biochemistry and Biotechnology, 2010, 160, 2256-2264.	2.9	41
52	Potential of TiO2 loaded almond shell derived activated carbon for leachate treatment: isotherms, kinetics, and Response Surface Methodology. International Journal of Environmental Analytical Chemistry, 0, , 1-22.	3.3	2