

# Harvinder Singh Saini

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,013  
citations

687363

13  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of azo dye C.I. Acid Red 88 by an anoxic-aerobic sequential bioreactor. <i>Dyes and Pigments</i> , 2006, 70, 1-7.	3.7	200
2	Decolorization of various azo dyes by bacterial consortium. <i>Dyes and Pigments</i> , 2005, 67, 55-61.	3.7	196
3	Comparative studies on potential of consortium and constituent pure bacterial isolates to decolorize azo dyes. <i>Water Research</i> , 2005, 39, 5135-5141.	11.3	155
4	Bioleaching of Gold and Silver from Waste Printed Circuit Boards by <i>Pseudomonas balearica</i> SAE1 Isolated from an e-Waste Recycling Facility. <i>Current Microbiology</i> , 2018, 75, 194-201.	2.2	79
5	Pathogenicity of bacteria isolated from gut of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae) and fitness costs of insect associated with consumption of bacteria. <i>Journal of Invertebrate Pathology</i> , 2015, 127, 38-46.	3.2	55
6	Isolation and characterization of microorganisms capable of decolorizing various triphenylmethane dyes. <i>Journal of Basic Microbiology</i> , 2004, 44, 59-65.	3.3	49
7	Rhamnolipid mediated enhanced degradation of chlorpyrifos by bacterial consortium in soil-water system. <i>Ecotoxicology and Environmental Safety</i> , 2016, 134, 156-162.	6.0	43
8	Tetrabromobisphenol A induced oxidative stress and genotoxicity in fish <i>Channa punctatus</i> . <i>Drug and Chemical Toxicology</i> , 2019, 42, 559-564.	2.3	24
9	Biochemical, genotoxic, histological and ultrastructural effects on liver and gills of fresh water fish <i>Channa punctatus</i> exposed to textile industry intermediate 2 ABS. <i>Chemosphere</i> , 2022, 287, 132103.	8.2	24
10	Aqueous phase partitioning of hexachlorocyclohexane (HCH) isomers by biosurfactant produced by <i>Pseudomonas aeruginosa</i> WH-2. <i>Journal of Hazardous Materials</i> , 2009, 171, 1178-1182.	12.4	23
11	Decolorisation optimisation of a monoazo disperse dye with <i>Bacillus firmus</i> . Identification of a degradation product. <i>Coloration Technology</i> , 2007, 123, 184-190.	1.5	19
12	Enhancement of gold and silver recovery from discarded computer printed circuit boards by <i>Pseudomonas balearica</i> SAE1 using response surface methodology (RSM). <i>3 Biotech</i> , 2018, 8, 100.	2.2	18
13	Toxicity assessment of chlorpyrifos on different organs of rat: exploitation of microbial-based enzymatic system for neutralization. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29649-29659.	5.3	16
14	Decolorisation of a monoazo disperse dye with <i>Candida tropicalis</i> . <i>Coloration Technology</i> , 2005, 121, 298-303.	1.5	15
15	Biotreatment of Simulated Textile Dye Effluent Containing Malachite Green by an Up-Flow Immobilized Cell Bioreactor. <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 431-434.	3.6	14
16	Bioleaching of metals from waste printed circuit boards using bacterial isolates native to abandoned gold mine. <i>BioMetals</i> , 2021, 34, 1043-1058.	4.1	13
17	Chlorpyrifos pollution: its effect on brain acetylcholinesterase activity in rat and treatment of polluted soil by indigenous <i>Pseudomonas</i> sp.. <i>Environmental Science and Pollution Research</i> , 2017, 24, 381-387.	5.3	12
18	Evaluating metabolic potential of <i>Thauera</i> sp. M9 for the transformation of 4-chloroaniline (4-CA). <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 29, 101768.	3.1	12

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19	Biodegradation of 4-aminobenzenesulfonate by indigenous isolate <i>Shinella yambaruensis</i> SA1 and its validation by genotoxic analysis. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 1034-1041.	2.6	10
20	Bioresolution of benzyl glycidyl ether using whole cells of <i>Bacillus alcalophilus</i> . <i>Journal of Basic Microbiology</i> , 2012, 52, 383-389.	3.3	7
21	Insecticidal and growth inhibitory activity of gut microbes isolated from adults of <i>Spodoptera litura</i> (Fab.). <i>BMC Microbiology</i> , 2022, 22, 71.	3.3	6
22	Assessing the pathogenicity of gut bacteria associated with tobacco caterpillar <i>Spodoptera litura</i> (Fab.). <i>Scientific Reports</i> , 2022, 12, 8257.	3.3	6
23	Short Note: Biodegradation of chlorobenzoates by Actinomycetes. <i>World Journal of Microbiology and Biotechnology</i> , 1998, 14, 785-786.	3.6	4
24	Exploitation of Agro-Industrial Wastes to Produce Low-Cost Microbial Surfactants. , 2014, , 445-471.		4
25	Co-metabolism of 4-bromophenol by <i>Pseudomonas</i> sp. EN-4 and toxicity evaluation of biotransformed samples. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108223.	6.7	4
26	<i>Pseudomonas gessardii</i> growing cells as a new biocatalyst for asymmetric synthesis of $\pm$ -bromohydrins. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 49-54.	3.1	2
27	Enantiocomplementary reduction of 3-phenylthiopropan-2-one by <i>Bacillus</i> sp.: Effect of medium components. <i>Bioresource Technology</i> , 2007, 98, 725-728.	9.6	1
28	Biotransformation of CI Acid Blue 113 and other dyes by <i>Shewanella</i> sp. P6. <i>Coloration Technology</i> , 2013, 129, 330-337.	1.5	1
29	Optimization of culture conditions for enhanced asymmetric bioreduction of acetophenone and its derivatives by growing cells of <i>Pseudomonas</i> sp. AP1. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 142-148.	3.1	1