Harvinder Singh Saini

List of Publications by Year
in descending order

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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	Biochemical, genotoxic, histological and ultrastructural effects on liver and gills of fresh water fish Channa punctatus exposed to textile industry intermediate 2 ABS. Chemosphere, 2022, 287, 132103.	8.2	24
2	Insecticidal and growth inhibitory activity of gut microbes isolated from adults of Spodoptera litura (Fab.). BMC Microbiology, 2022, 22, 71.	3.3	6
3	Assessing the pathogenicity of gut bacteria associated with tobacco caterpillar Spodoptera litura (Fab.). Scientific Reports, 2022, 12, 8257.	3.3	6
4	Co-metabolism of 4-bromophenol by Pseudomonas sp. EN-4 and toxicity evaluation of biotransformed samples. Journal of Environmental Chemical Engineering, 2022, 10, 108223.	6.7	4
5	Bioleaching of metals from waste printed circuit boards using bacterial isolates native to abandoned gold mine. BioMetals, 2021, 34, 1043-1058.	4.1	13
6	Evaluating metabolic potential of Thauera sp. M9 for the transformation of 4-chloroaniline (4-CA). Biocatalysis and Agricultural Biotechnology, 2020, 29, 101768.	3.1	12
7	Toxicity assessment of chlorpyrifos on different organs of rat: exploitation of microbial-based enzymatic system for neutralization. Environmental Science and Pollution Research, 2019, 26, 29649-29659.	5.3	16
8	Tetrabromobisphenol A induced oxidative stress and genotoxicity in fish Channa punctatus. Drug and Chemical Toxicology, 2019, 42, 559-564.	2.3	24
9	Enhancement of gold and silver recovery from discarded computer printed circuit boards by Pseudomonas balearica SAE1 using response surface methodology (RSM). 3 Biotech, 2018, 8, 100.	2.2	18
10	Bioleaching of Gold and Silver from Waste Printed Circuit Boards by Pseudomonas balearica SAE1 Isolated from an e-Waste Recycling Facility. Current Microbiology, 2018, 75, 194-201.	2.2	79
11	Chlorpyrifos pollution: its effect on brain acetylcholinesterase activity in rat and treatment of polluted soil by indigenous Pseudomonas sp.. Environmental Science and Pollution Research, 2017, 24, 381-387.	5.3	12
12	Rhamnolipid mediated enhanced degradation of chlorpyrifos by bacterial consortium in soil-water system. Ecotoxicology and Environmental Safety, 2016, 134, 156-162.	6.0	43
13	Pathogenicity of bacteria isolated from gut of Spodoptera litura (Lepidoptera: Noctuidae) and fitness costs of insect associated with consumption of bacteria. Journal of Invertebrate Pathology, 2015, 127, 38-46.	3.2	55
14	Pseudomonas gessardii growing cells as a new biocatalyst for asymmetric synthesis of Î±-bromohydrins. Biocatalysis and Agricultural Biotechnology, 2015, 4, 49-54.	3.1	2
15	Biodegradation of 4-aminobenzenesulfonate by indigenous isolate Shinella yambaruensis SA1 and its validation by genotoxic analysis. Biotechnology and Bioprocess Engineering, 2014, 19, 1034-1041.	2.6	10
16	Optimization of culture conditions for enhanced asymmetric bioreduction of acetophenone and its derivatives by growing cells of Pseudomonas sp. AP1. Biocatalysis and Agricultural Biotechnology, 2014, 3, 142-148.	3.1	1
17	Exploitation of Agro-Industrial Wastes to Produce Low-Cost Microbial Surfactants. , 2014, , 445-471.		4
18	Biotransformation of CI Acid Blue 113 and other dyes by Shewanella sp. P6. Coloration Technology, 2013, 129, 330-337.	1.5	1

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19	Bioresolution of benzyl glycidyl ether using whole cells of Bacillus alcalophilus. Journal of Basic Microbiology, 2012, 52, 383-389.	3.3	7
20	Aqueous phase partitioning of hexachlorocyclohexane (HCH) isomers by biosurfactant produced by Pseudomonas aeruginosa WH-2. Journal of Hazardous Materials, 2009, 171, 1178-1182.	12.4	23
21	Enantiocomplementary reduction of 3-phenylthiopropan-2-one by Bacillus sp.: Effect of medium components. Bioresource Technology, 2007, 98, 725-728.	9.6	1
22	Decolorisation optimisation of a monoazo disperse dye with Bacillus firmus. Identification of a degradation product. Coloration Technology, 2007, 123, 184-190.	1.5	19
23	Biodegradation of azo dye C.I. Acid Red 88 by an anoxicâ€“aerobic sequential bioreactor. Dyes and Pigments, 2006, 70, 1-7.	3.7	200
24	Decolorization of various azo dyes by bacterial consortium. Dyes and Pigments, 2005, 67, 55-61.	3.7	196
25	Decolorisation of a monoazo disperse dye with Candida tropicalis. Coloration Technology, 2005, 121, 298-303.	1.5	15
26	Comparative studies on potential of consortium and constituent pure bacterial isolates to decolorize azo dyes. Water Research, 2005, 39, 5135-5141.	11.3	155
27	Biotreatment of Simulated Textile Dye Effluent Containing Malachite Green by an Up-Flow Immobilized Cell Bioreactor. World Journal of Microbiology and Biotechnology, 2004, 20, 431-434.	3.6	14
28	Isolation and characterization of microorganisms capable of decolorizing various triphenylmethane dyes. Journal of Basic Microbiology, 2004, 44, 59-65.	3.3	49
29	Short Note: Biodegradation of chlorobenzoates by Actinomycetes. World Journal of Microbiology and Biotechnology, 1998, 14, 785-786.	3.6	4