

# Sanjay Govindwar

## List of Publications by Year in descending order

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236  
papers

14,323  
citations

13827

67  
h-index

27345

106  
g-index

237  
all docs

237  
docs citations

237  
times ranked

9026  
citing authors

#	ARTICLE	IF	CITATIONS
1	New molecular phylogenetic evidence for Indian endemic species of the tribe Merremieae, Convolvulaceae. <i>Plant Biosystems</i> , 2022, 156, 440-449.	0.8	7
2	Constructed wetland: a promising technology for the treatment of hazardous textile dyes and effluent. , 2022, , 173-198.		13
3	Construction and implementation of floating wetpark as effective constructed wetland for industrial textile wastewater treatment. <i>Journal of Hazardous Materials</i> , 2022, 424, 127710.	6.5	9
4	Unravelling metabolism and microbial community of a phytobed co-planted with <i>Typha angustifolia</i> and <i>Ipomoea aquatica</i> for biodegradation of doxylamine from wastewater. <i>Journal of Hazardous Materials</i> , 2021, 401, 123404.	6.5	19
5	Biodegradation of fluorene by the newly isolated marine-derived fungus, <i>Mucor irregularis</i> strain bpo1 using response surface methodology. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111619.	2.9	19
6	Impact of redox-mediators in the degradation of olsalazine by marine-derived fungus, <i>Aspergillus aculeatus</i> strain bpo2: Response surface methodology, laccase stability and kinetics. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111742.	2.9	17
7	Editorial: Microbiotechnology Tools for Wastewater Cleanup and Organic Solids Reduction. <i>Frontiers in Microbiology</i> , 2021, 12, 631506.	1.5	4
8	Rapid recovery of methane yield in organic overloaded-failed anaerobic digesters through bioaugmentation with acclimatized microbial consortium. <i>Science of the Total Environment</i> , 2021, 764, 144219.	3.9	40
9	&lt;p&gt;&lt;strong&gt;&lt;em&gt;Pogostemon jaitapurensis&lt;/em&gt;&lt;/strong&gt;&lt;strong&gt;(Lamiaceae), a new species from India based on morphological and molecular evidence&lt;/strong&gt;&lt;/p&gt;. <i>Phytotaxa</i> , 2021, 502, 28-50.	0.1	2
10	Phytoremediation as a green biotechnology tool for emerging environmental pollution: A step forward towards sustainable rehabilitation of the environment. <i>Chemical Engineering Journal</i> , 2021, 415, 129040.	6.6	134
11	Insights on the role of periphytic biofilm in synergism with <i>Iris pseudacorus</i> for removing mixture of pharmaceutical contaminants from wastewater. <i>Journal of Hazardous Materials</i> , 2021, 418, 126349.	6.5	20
12	Regeneration of textile wastewater deteriorated microbial diversity of soil microcosm through bioaugmentation. <i>Chemical Engineering Journal</i> , 2020, 380, 122533.	6.6	37
13	Enhanced application of cross-linked enzyme aggregates of lichen <i>Dermatocarpon vellereceum</i> released extracellular enzymes for degradation of textile dyes. <i>International Biodeterioration and Biodegradation</i> , 2020, 153, 105044.	1.9	12
14	Enhanced enzymatic removal of anthracene by the mangrove soil-derived fungus, <i>Aspergillus sydowii</i> BPOI. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	13
15	Synergistic effect of biological and advanced oxidation process treatment in the biodegradation of Remazol yellow RR dye. <i>Scientific Reports</i> , 2020, 10, 20234.	1.6	31
16	Novel cobiomass degradation of NSAIDs by two wood rot fungi, <i>Ganoderma applanatum</i> and <i>Laetiporus sulphureus</i> : Ligninolytic enzymes induction, isotherm and kinetic studies. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110997.	2.9	29
17	In situ textile wastewater treatment in high rate transpiration system furrows planted with aquatic macrophytes and floating phytobeds. <i>Chemosphere</i> , 2020, 252, 126513.	4.2	97
18	Composition of Synthesized Cellulolytic Enzymes Varied with the Usage of Agricultural Substrates and Microorganisms. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1695-1710.	1.4	8

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19	Toxicity of benzophenone-3 and its biodegradation in a freshwater microalga <i>Scenedesmus obliquus</i> . <i>Journal of Hazardous Materials</i> , 2020, 389, 122149.	6.5	64
20	Combined effects of sulfamethazine and sulfamethoxazole on a freshwater microalga, <i>Scenedesmus obliquus</i> : toxicity, biodegradation, and metabolic fate. <i>Journal of Hazardous Materials</i> , 2019, 370, 138-146.	6.5	176
21	Plant and microalgae consortium for an enhanced biodegradation of sulfamethazine. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34552-34561.	2.7	16
22	Desulfonation of the textile azo dye Acid Fast Yellow MR by newly isolated <i>Aeromonas hydrophila</i> SK16. <i>Water Resources and Industry</i> , 2019, 22, 100116.	1.9	13
23	Interspecies microbial nexus facilitated methanation of polysaccharidic wastes. <i>Bioresource Technology</i> , 2019, 289, 121638.	4.8	58
24	Influence of redox mediators and media on methyl red decolorization and its biodegradation by <i>Providencia rettgeri</i> . <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	11
25	Can Omics Approaches Improve Microalgal Biofuels under Abiotic Stress?. <i>Trends in Plant Science</i> , 2019, 24, 611-624.	4.3	38
26	Sequential photocatalysis and biological treatment for the enhanced degradation of the persistent azo dye methyl red. <i>Journal of Hazardous Materials</i> , 2019, 371, 115-122.	6.5	130
27	Biological Conversion of Amino Acids to Higher Alcohols. <i>Trends in Biotechnology</i> , 2019, 37, 855-869.	4.9	47
28	Uptake and biodegradation of emerging contaminant sulfamethoxazole from aqueous phase using <i>Ipomoea aquatica</i> . <i>Chemosphere</i> , 2019, 225, 696-704.	4.2	53
29	Demethylation and desulfonation of textile industry dye, Thiazole Yellow G by <i>Aspergillus niger</i> LAG. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 23, e00327.	2.1	18
30	Densitometric quantification for the validation of decolorization of Disperse Orange ERL by lichen <i>Parmelia</i> sp.. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 388-393.	1.1	3
31	Decolorization of textile industry effluent using immobilized consortium cells in upflow fixed bed reactor. <i>Journal of Cleaner Production</i> , 2019, 213, 884-891.	4.6	74
32	Whole conversion of microalgal biomass into biofuels through successive high-throughput fermentation. <i>Chemical Engineering Journal</i> , 2019, 360, 797-805.	6.6	74
33	Toxicity of sulfamethazine and sulfamethoxazole and their removal by a green microalga, <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2019, 218, 551-558.	4.2	117
34	Microcosm study of atrazine bioremediation by indigenous microorganisms and cytotoxicity of biodegraded metabolites. <i>Journal of Hazardous Materials</i> , 2019, 374, 66-73.	6.5	40
35	Acetoclastic methanogenesis led by <i>Methanosarcina</i> in anaerobic co-digestion of fats, oil and grease for enhanced production of methane. <i>Bioresource Technology</i> , 2019, 272, 351-359.	4.8	191
36	Combined biological and advanced oxidation process for decolorization of textile dyes. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	45

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37	Microbial acclimatization to lipidic-waste facilitates the efficacy of acidogenic fermentation. <i>Chemical Engineering Journal</i> , 2019, 358, 188-196.	6.6	56
38	Conserved nature of <i>Helicoverpa armigera</i> gut bacterial flora on different host plants and in vitro interactions with PI proteins advocates role in host digestive physiology. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2019, 18, 141-149.	1.0	9
39	Implication of ITS phylogeny for biogeographic analysis, and comparative study of morphological and molecular interspecies diversity in Indian <i>Impatiens</i> . <i>Meta Gene</i> , 2018, 16, 108-116.	0.3	4
40	Enhancement of microalgal growth and biocomponent-based transformations for improved biofuel recovery: A review. <i>Bioresource Technology</i> , 2018, 258, 365-375.	4.8	49
41	Bio-ethanol production from waste biomass of <i>Pogonatherum crinitum</i> phytoremediator: an eco-friendly strategy for renewable energy. <i>3 Biotech</i> , 2018, 8, 158.	1.1	17
42	Optimization of dilute acetic acid pretreatment of mixed fruit waste for increased methane production. <i>Journal of Cleaner Production</i> , 2018, 190, 411-421.	4.6	65
43	Enhanced decolorization and biodegradation of acid red 88 dye by newly isolated fungus, <i>Achaetomium strumarium</i> . <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1589-1600.	3.3	67
44	Biodegradation and detoxification of Scarlet RR dye by a newly isolated filamentous fungus, <i>Peyronellaea prosopidis</i> . <i>Sustainable Environment Research</i> , 2018, 28, 214-222.	2.1	48
45	Molecular phylogeny and genetic diversity of genus <i>Capparis</i> (Capparaceae) based on plastid DNA sequences and ISSR markers. <i>Plant Systematics and Evolution</i> , 2018, 304, 205-217.	0.3	17
46	Phytobeds with <i>Fimbristylis dichotoma</i> and <i>Ammannia baccifera</i> for treatment of real textile effluent: An in situ treatment, anatomical studies and toxicity evaluation. <i>Environmental Research</i> , 2018, 160, 1-11.	3.7	61
47	Decolorization and detoxification of dye mixture and textile effluent by lichen <i>Dermatocarpon vellereceum</i> in fixed bed upflow bioreactor with subsequent oxidative stress study. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 17-25.	2.9	31
48	Utilization of agricultural waste biomass by cellulolytic isolate <i>Enterobacter</i> sp. SUK-Bio. <i>Agriculture and Natural Resources</i> , 2018, 52, 399-406.	0.4	14
49	Enzymatic analysis, structural study and molecular docking of laccase and catalase from <i>B. subtilis</i> SK1 after textile dye exposure. <i>Ecological Informatics</i> , 2018, 48, 269-280.	2.3	15
50	Co-planted floating phyto-bed along with microbial fuel cell for enhanced textile effluent treatment. <i>Journal of Cleaner Production</i> , 2018, 203, 788-798.	4.6	45
51	<i>Asparagus densiflorus</i> in a vertical subsurface flow phytoreactor for treatment of real textile effluent: A lab to land approach for in situ soil remediation. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 70-77.	2.9	41
52	In situ phytoremediation of dyes from textile wastewater using garden ornamental plants, effect on soil quality and plant growth. <i>Chemosphere</i> , 2018, 210, 968-976.	4.2	127
53	Biodegradation of a monochlorotriazine dye, cibacron brilliant red 3B-A in solid state fermentation by wood-rot fungal consortium, <i>Daldinia concentrica</i> and <i>Xylaria polymorpha</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 120, 19-27.	3.6	36
54	DNA barcode based delineation of freshwater fishes from northern Western Ghats of India, one of the world's biodiversity hotspots. <i>Biodiversity and Conservation</i> , 2018, 27, 3349-3371.	1.2	15

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55	Enzymatic hydrolysis of biologically pretreated sorghum husk for bioethanol production. <i>Biofuel Research Journal</i> , 2018, 5, 846-853.	7.2	33
56	Phytoremediation of fluoride with garden ornamentals <i>Nerium oleander</i> , <i>Portulaca oleracea</i> , and <i>Pogonatherum crinitum</i> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 6833-6839.	2.7	26
57	Biodegradation and detoxification of azo solvent dye by ethylene glycol tolerant ligninolytic ascomycete strain of <i>Pseudocochliobolus verruculosus</i> NFCCI 3818. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 9, 209-217.	1.5	14
58	Co-plantation of aquatic macrophytes <i>Typha angustifolia</i> and <i>Paspalum scrobiculatum</i> for effective treatment of textile industry effluent. <i>Journal of Hazardous Materials</i> , 2017, 338, 47-56.	6.5	80
59	Comparative analyses of enzymatic activity, structural study and docking of fungal cellulases. <i>Gene Reports</i> , 2017, 9, 54-60.	0.4	12
60	Degradation of indigo dye by a newly isolated yeast, <i>Diutina rugosa</i> from dye wastewater polluted soil. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4639-4648.	3.3	43
61	Sorghum husk biomass as a potential substrate for production of cellulolytic and xylanolytic enzymes by <i>Nocardiopsis</i> sp. <i>KNU. 3 Biotech</i> , 2017, 7, 163.	1.1	3
62	Monitoring the gradual biodegradation of dyes in a simulated textile effluent and development of a novel triple layered fixed bed reactor using a bacterium-yeast consortium. <i>Chemical Engineering Journal</i> , 2017, 307, 1026-1036.	6.6	77
63	Resolving Generic Boundaries in Indianâ€Australasian Cleomaceae: Circumscription of <i>Areocleome</i> , <i>Arivela</i> , and <i>Coryandra</i> as Distinct Genera. <i>Systematic Botany</i> , 2017, 42, 694-708.	0.2	14
64	Exploring the potential of fungal-bacterial consortium for low-cost biodegradation and detoxification of textile effluent. <i>Archives of Environmental Protection</i> , 2016, 42, 12-21.	1.1	12
65	Cultivation and harvesting of microalgae in photobioreactor for biodiesel production and simultaneous nutrient removal. <i>Energy Conversion and Management</i> , 2016, 117, 54-62.	4.4	101
66	Harvesting of freshwater microalgae <i>Scenedesmus obliquus</i> and <i>Chlorella vulgaris</i> using acid mine drainage as a cost effective flocculant for biofuel production. <i>Energy Conversion and Management</i> , 2016, 121, 105-112.	4.4	20
67	An isolated <i>Amycolatopsis</i> sp. GDS for cellulase and xylanase production using agricultural waste biomass. <i>Journal of Applied Microbiology</i> , 2016, 120, 112-125.	1.4	33
68	Camptothecine production by mixed fermentation of two endophytic fungi from <i>Nothapodytes nimmoniana</i> . <i>Fungal Biology</i> , 2016, 120, 873-883.	1.1	58
69	Insights into microalgae mediated biodegradation of diazinon by <i>Chlorella vulgaris</i> : Microalgal tolerance to xenobiotic pollutants and metabolism. <i>Algal Research</i> , 2016, 20, 126-134.	2.4	152
70	<i>Moringa oleifera</i> -mediated coagulation of textile wastewater and its biodegradation using novel consortium-BBA grown on agricultural waste substratum. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20963-20976.	2.7	19
71	Relative profile analysis of molecular markers for identification and genetic discrimination of loaches (Pisces, Nemacheilidae). <i>Comptes Rendus - Biologies</i> , 2016, 339, 364-370.	0.1	1
72	Herbal augmentation enhances malachite green biodegradation efficacy of <i>Saccharomyces cerevisiae</i> . <i>Biologia (Poland)</i> , 2016, 71, 475-483.	0.8	10

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73	Efficient decolorization and detoxification of textile industry effluent by <i>Salvinia molesta</i> in lagoon treatment. <i>Environmental Research</i> , 2016, 150, 88-96.	3.7	74
74	Solid state fermentation of soybean waste and an up-flow column bioreactor for continuous production of camptothecin by an endophytic fungus <i>Fusarium oxysporum</i> . <i>RSC Advances</i> , 2016, 6, 56527-56536.	1.7	14
75	Bioreactor with <i>Ipomoea hederifolia</i> adventitious roots and its endophyte <i>Cladosporium cladosporioides</i> for textile dye degradation. <i>Environmental Research</i> , 2016, 146, 340-349.	3.7	30
76	Bioinformatics aided microbial approach for bioremediation of wastewater containing textile dyes. <i>Ecological Informatics</i> , 2016, 31, 112-121.	2.3	53
77	<i>Ipomoea hederifolia</i> rooted soil bed and <i>Ipomoea aquatica</i> rhizofiltration coupled phytoreactors for efficient treatment of textile wastewater. <i>Water Research</i> , 2016, 96, 1-11.	5.3	51
78	Phylogenetic analysis, genetic diversity and relationships between the recently segregated species of <i>Corynandra</i> and <i>Cleoserrata</i> from the genus <i>Cleome</i> using DNA barcoding and molecular markers. <i>Comptes Rendus - Biologies</i> , 2016, 339, 123-132.	0.1	8
79	Functional characterization and expression study of sugarcane MYB transcription factor gene PEaMYBAS1 promoter from <i>Erianthus arundinaceus</i> that confers abiotic stress tolerance in tobacco. <i>RSC Advances</i> , 2016, 6, 19576-19586.	1.7	8
80	Study of molecular genetic diversity and evolutionary history of medicinally important endangered genus <i>Chlorophytum</i> using DNA barcodes. <i>Biochemical Systematics and Ecology</i> , 2016, 65, 245-252.	0.6	4
81	Pretreatment of microalgal biomass for enhanced recovery/extraction of reducing sugars and proteins. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 95-103.	1.7	37
82	An efficient synthesis of anti-microbial 1,2,4-triazole-3-thiones promoted by acidic ionic liquid. <i>Research on Chemical Intermediates</i> , 2016, 42, 4171-4180.	1.3	22
83	Biodegradation and detoxification of textile dye Disperse Red 54 by <i>Brevibacillus laterosporus</i> and determination of its metabolic fate. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 442-449.	1.1	60
84	Application of Genomics and Proteomics in Bioremediation. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2016, , 97-112.	0.3	8
85	Mineralization and Detoxification of the Carcinogenic Azo Dye Congo Red and Real Textile Effluent by a Polyurethane Foam Immobilized Microbial Consortium in an Upflow Column Bioreactor. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 6894-6918.	1.2	98
86	Low-Cost Biodegradation and Detoxification of Textile Azo Dye C.I. Reactive Blue 172 by <i>Providencia rettgeri</i> Strain HSL1. <i>Journal of Chemistry</i> , 2015, 2015, 1-10.	0.9	30
87	Bacterial Enzymes and Their Role in Decolorization of Azo Dyes. <i>Environmental Science and Engineering</i> , 2015, , 149-168.	0.1	17
88	A Low-Cost Wheat Bran Medium for Biodegradation of the Benzidine-Based Carcinogenic Dye Trypan Blue Using a Microbial Consortium. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 3480-3505.	1.2	38
89	Analysis of genetic variability in endemic medicinal plants of genus <i>Chlorophytum</i> from the Indian subcontinent using amplified fragment length polymorphism marker. <i>Comptes Rendus - Biologies</i> , 2015, 338, 838-845.	0.1	10
90	Exploiting the efficacy of <i>Lysinibacillus</i> sp. RGS for decolorization and detoxification of industrial dyes, textile effluent and bioreactor studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 176-192.	0.9	37

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91	Bacterial-yeast consortium as an effective biocatalyst for biodegradation of sulphonated azo dye Reactive Red 198. RSC Advances, 2015, 5, 23046-23056.	1.7	57
92	Production of camptothecin using whey by an endophytic fungus: standardization using response surface methodology. RSC Advances, 2015, 5, 62828-62835.	1.7	25
93	Phytoremediation of sulfonated Remazol Red dye and textile effluents by <i>Alternanthera philoxeroides</i> : An anatomical, enzymatic and pilot scale study. Water Research, 2015, 83, 271-281.	5.3	100
94	Physicochemical characterization, structural analysis and homology modeling of bacterial and fungal laccases using in silico methods. Network Modeling Analysis in Health Informatics and Bioinformatics, 2015, 4, 1.	1.2	8
95	Dilute acid pretreatment of rice straw, structural characterization and optimization of enzymatic hydrolysis conditions by response surface methodology. RSC Advances, 2015, 5, 46525-46533.	1.7	84
96	Fermentative hydrogen production using sorghum husk as a biomass feedstock and process optimization. Biotechnology and Bioprocess Engineering, 2015, 20, 733-743.	1.4	30
97	Superparamagnetic core/shell nanostructures for magnetic isolation and enrichment of DNA. RSC Advances, 2015, 5, 88375-88381.	1.7	8
98	Phytoremediation of textile dyes and effluents: Current scenario and future prospects. Biotechnology Advances, 2015, 33, 1697-1714.	6.0	251
99	Textile dye degradation potential of plant laccase significantly enhances upon augmentation with redox mediators. RSC Advances, 2015, 5, 80505-80517.	1.7	36
100	Degradation and detoxification of methylene blue dye adsorbed on water hyacinth in semi continuous anaerobic-aerobic bioreactors by novel microbial consortium-SB. RSC Advances, 2015, 5, 99228-99239.	1.7	41
101	Molecular characterization of intergeneric hybrid between <i>Aspergillus oryzae</i> and <i>Trichoderma harzianum</i> by protoplast fusion. Journal of Applied Microbiology, 2015, 118, 390-398.	1.4	13
102	Treatment of textile effluent in a developed phytoreactor with immobilized bacterial augmentation and subsequent toxicity studies on <i>Etheostoma olmstedii</i> fish. Journal of Hazardous Materials, 2015, 283, 698-704.	6.5	60
103	Zinc chloride as a coagulant for textile dyes and treatment of generated dye sludge under the solid state fermentation: Hybrid treatment strategy. Bioresource Technology, 2015, 176, 38-46.	4.8	20
104	Biodegradation and detoxification of textile azo dyes by bacterial consortium under sequential microaerophilic/aerobic processes. EXCLI Journal, 2015, 14, 158-74.	0.5	100
105	Fungal Production of Single Cell Oil Using Untreated Copra Cake and Evaluation of Its Fuel Properties for Biodiesel. Journal of Microbiology and Biotechnology, 2015, 25, 459-463.	0.9	17
106	Production and characterization of cellulolytic enzymes by isolated <i>Klebsiella</i> sp. PRW-1 using agricultural waste biomass. Emirates Journal of Food and Agriculture, 2014, 26, 44.	1.0	34
107	Development of a low-cost, phyto-tunnel system using <i>Portulaca grandiflora</i> and its application for the treatment of dye-containing wastewaters. Biotechnology Letters, 2014, 36, 47-55.	1.1	22
108	Characterization of modular bifunctional processive endoglucanase Cel5 from <i>Hahella chejuensis</i> KCTC 2396. Applied Microbiology and Biotechnology, 2014, 98, 4421-4435.	1.7	30



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109	Decolorization and degradation of xenobiotic azo dye Reactive Yellow-84A and textile effluent by <i>Galactomyces geotrichum</i> . <i>Chemosphere</i> , 2014, 109, 234-238.	4.2	62
110	Enzymatic hydrolysis and characterization of waste lignocellulosic biomass produced after dye bioremediation under solid state fermentation. <i>Bioresource Technology</i> , 2014, 168, 136-141.	4.8	60
111	Exploiting the potential of plant growth promoting bacteria in decolorization of dye Disperse Red 73 adsorbed on milled sugarcane bagasse under solid state fermentation. <i>International Biodeterioration and Biodegradation</i> , 2014, 86, 364-371.	1.9	33
112	Cellulolytic Enzymes Production by Utilizing Agricultural Wastes Under Solid State Fermentation and its Application for Biohydrogen Production. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2801-2817.	1.4	60
113	Development of low cost upflow column bioreactor for degradation and detoxification of Blue HERD and textile effluent by <i>Lysinibacillus</i> sp. RGS immobilized on Loofa. <i>International Biodeterioration and Biodegradation</i> , 2014, 96, 112-120.	1.9	25
114	Green remediation of textile dyes containing wastewater by <i>Ipomoea hederifolia</i> L.. <i>RSC Advances</i> , 2014, 4, 36623-36632.	1.7	76
115	Oxidative stress response in dye degrading bacterium <i>Lysinibacillus</i> sp. RGS exposed to Reactive Orange 16, degradation of RO16 and evaluation of toxicity. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11075-11085.	2.7	52
116	Toxicity of atrazine and its bioaccumulation and biodegradation in a green microalga, <i>Chlamydomonas mexicana</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 12270-12278.	2.7	100
117	Lichen <i>Permelia perlata</i> : A novel system for biodegradation and detoxification of disperse dye Solvent Red 24. <i>Journal of Hazardous Materials</i> , 2014, 276, 461-468.	6.5	53
118	Differential catalytic action of <i>Brevibacillus laterosporus</i> on two dissimilar azo dyes Remazol red and Rubine GFL. <i>Journal of Basic Microbiology</i> , 2013, 53, 136-146.	1.8	18
119	Synergistic degradation of diazo dye Direct Red 5B by <i>Portulaca grandiflora</i> and <i>Pseudomonas putida</i> . <i>International Journal of Environmental Science and Technology</i> , 2013, 10, 1039-1050.	1.8	62
120	Random UV Mutagenesis Approach for Enhanced Biodegradation of Sulfonated Azo Dye, Green HE4B. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1467-1481.	1.4	15
121	Treatment of dye containing wastewaters by a developed lab scale phytoreactor and enhancement of its efficacy by bacterial augmentation. <i>International Biodeterioration and Biodegradation</i> , 2013, 78, 89-97.	1.9	79
122	Degradation of a xenobiotic textile dye, Disperse Brown 118, by <i>Brevibacillus laterosporus</i> . <i>Biotechnology Letters</i> , 2013, 35, 1593-1598.	1.1	26
123	Decolorization and detoxification of sulfonated azo dye C.I. Remazol Red and textile effluent by isolated <i>Lysinibacillus</i> sp. RGS. <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 658-667.	1.1	151
124	Phytoremediation potential of <i>Petunia grandiflora</i> Juss., an ornamental plant to degrade a disperse, disulfonated triphenylmethane textile dye Brilliant Blue G. <i>Environmental Science and Pollution Research</i> , 2013, 20, 939-949.	2.7	46
125	Solid-state fermentation: tool for bioremediation of adsorbed textile dyestuff on distillery industry waste-yeast biomass using isolated <i>Bacillus cereus</i> strain EBT1. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1009-1020.	2.7	55
126	Molecular assessment of shift in bacterial community in response to Congo red. <i>International Biodeterioration and Biodegradation</i> , 2013, 77, 18-21.	1.9	15



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127	An insight into the influence of low dose irradiation pretreatment on the microbial decolouration and degradation of Reactive Red-120 dye. <i>Chemosphere</i> , 2013, 90, 1348-1358.	4.2	52
128	Development of a bioreactor for remediation of textile effluent and dye mixture: A plantâ€“bacterial synergistic strategy. <i>Water Research</i> , 2013, 47, 1035-1048.	5.3	128
129	Low cost CaCl <sub>2</sub> pretreatment of sugarcane bagasse for enhancement of textile dyes adsorption and subsequent biodegradation of adsorbed dyes under solid state fermentation. <i>Bioresource Technology</i> , 2013, 132, 276-284.	4.8	62
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