

Sanjay Govindwar

List of Publications by Year in descending order

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Version: 2024-02-01

236
papers

14,323
citations

13865
67
h-index

27406
106
g-index

237
all docs

237
docs citations

237
times ranked

9026
citing authors

1	New molecular phylogenetic evidence for Indian endemic species of the tribe Merremieae, Convolvulaceae. Plant Biosystems, 2022, 156, 440-449.	1.6	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. Journal of Hazardous Materials, 2022, 424, 127710.	12.4	9
4	Unravelling metabolism and microbial community of a phytobed co-planted with Typha angustifolia and Ipomoea aquatica for biodegradation of doxylamine from wastewater. Journal of Hazardous Materials, 2021, 401, 123404.	12.4	19
5	Biodegradation of fluorene by the newly isolated marine-derived fungus, Mucor irregularis strain bpo1 using response surface methodology. Ecotoxicology and Environmental Safety, 2021, 208, 111619.	6.0	19
6	Impact of redox-mediators in the degradation of olsalazine by marine-derived fungus, Aspergillus aculeatus strain bpo2: Response surface methodology, laccase stability and kinetics. Ecotoxicology and Environmental Safety, 2021, 208, 111742.	6.0	17
7	Editorial: Microbiotechnology Tools for Wastewater Cleanup and Organic Solids Reduction. Frontiers in Microbiology, 2021, 12, 631506.	3.5	4
8	Rapid recovery of methane yield in organic overloaded-failed anaerobic digesters through bioaugmentation with acclimatized microbial consortium. Science of the Total Environment, 2021, 764, 144219.	8.0	40
9	<p>Pogostemon jaitapurensis (Lamiaceae), a new species from India based on morphological and molecular evidence</p>. Phytotaxa, 2021, 502, 28-50.	0.3	2
10	Phytoremediation as a green biotechnology tool for emerging environmental pollution: A step forward towards sustainable rehabilitation of the environment. Chemical Engineering Journal, 2021, 415, 129040.	12.7	134
11	Insights on the role of periphytic biofilm in synergism with Iris pseudacorus for removing mixture of pharmaceutical contaminants from wastewater. Journal of Hazardous Materials, 2021, 418, 126349.	12.4	20
12	Regeneration of textile wastewater deteriorated microbial diversity of soil microcosm through bioaugmentation. Chemical Engineering Journal, 2020, 380, 122533.	12.7	37
13	Enhanced application of cross-linked enzyme aggregates of lichen Dermatocarpon vellereceum released extracellular enzymes for degradation of textile dyes. International Biodeterioration and Biodegradation, 2020, 153, 105044.	3.9	12
14	Enhanced enzymatic removal of anthracene by the mangrove soil-derived fungus, Aspergillus sydowii BPOI. Frontiers of Environmental Science and Engineering, 2020, 14, 1.	6.0	13
15	Synergistic effect of biological and advanced oxidation process treatment in the biodegradation of Remazol yellow RR dye. Scientific Reports, 2020, 10, 20234.	3.3	31
16	Novel cobiomass degradation of NSAIDs by two wood rot fungi, Ganoderma applanatum and Laetiporus sulphureus: Ligninolytic enzymes induction, isotherm and kinetic studies. Ecotoxicology and Environmental Safety, 2020, 203, 110997.	6.0	29
17	In situ textile wastewater treatment in high rate transpiration system furrows planted with aquatic macrophytes and floating phytobeds. Chemosphere, 2020, 252, 126513.	8.2	97
18	Composition of Synthesized Cellulolytic Enzymes Varied with the Usage of Agricultural Substrates and Microorganisms. Applied Biochemistry and Biotechnology, 2020, 191, 1695-1710.	2.9	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.	12.4	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.	12.4	176
21	Plant and microalgae consortium for an enhanced biodegradation of sulfamethazine. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34552-34561.	5.3	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.	3.9	13
23	Interspecies microbial nexus facilitated methanation of polysaccharidic wastes. <i>Bioresource Technology</i> , 2019, 289, 121638.	9.6	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.	2.9	11
25	Can Omics Approaches Improve Microalgal Biofuels under Abiotic Stress?. <i>Trends in Plant Science</i> , 2019, 24, 611-624.	8.8	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.	12.4	130
27	Biological Conversion of Amino Acids to Higher Alcohols. <i>Trends in Biotechnology</i> , 2019, 37, 855-869.	9.3	47
28	Uptake and biodegradation of emerging contaminant sulfamethoxazole from aqueous phase using <i>Ipomoea aquatica</i> . <i>Chemosphere</i> , 2019, 225, 696-704.	8.2	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.	4.4	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.	2.2	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.	9.3	74
32	Whole conversion of microalgal biomass into biofuels through successive high-throughput fermentation. <i>Chemical Engineering Journal</i> , 2019, 360, 797-805.	12.7	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.	8.2	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.	12.4	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.	9.6	191
36	Combined biological and advanced oxidation process for decolorization of textile dyes. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	45

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37	Microbial acclimatization to lipidic-waste facilitates the efficacy of acidogenic fermentation. Chemical Engineering Journal, 2019, 358, 188-196.	12.7	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. Journal of the Saudi Society of Agricultural Sciences, 2019, 18, 141-149.	1.9	9
39	Implication of ITS phylogeny for biogeographic analysis, and comparative study of morphological and molecular interspecies diversity in Indian <i>Impatiens</i> . Meta Gene, 2018, 16, 108-116.	0.6	4
40	Enhancement of microalgal growth and biocomponent-based transformations for improved biofuel recovery: A review. Bioresource Technology, 2018, 258, 365-375.	9.6	49
41	Bio-ethanol production from waste biomass of <i>Pogonatherum crinitum</i> phytoremediator: an eco-friendly strategy for renewable energy. 3 Biotech, 2018, 8, 158.	2.2	17
42	Optimization of dilute acetic acid pretreatment of mixed fruit waste for increased methane production. Journal of Cleaner Production, 2018, 190, 411-421.	9.3	65
43	Enhanced decolorization and biodegradation of acid red 88 dye by newly isolated fungus, <i>Achaetomium strumarium</i> . Journal of Environmental Chemical Engineering, 2018, 6, 1589-1600.	6.7	67
44	Biodegradation and detoxification of Scarlet RR dye by a newly isolated filamentous fungus, <i>Peyronellaea prosopidis</i> . Sustainable Environment Research, 2018, 28, 214-222.	4.2	48
45	Molecular phylogeny and genetic diversity of genus <i>Capparis</i> (Capparaceae) based on plastid DNA sequences and ISSR markers. Plant Systematics and Evolution, 2018, 304, 205-217.	0.9	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. Environmental Research, 2018, 160, 1-11.	7.5	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. Ecotoxicology and Environmental Safety, 2018, 148, 17-25.	6.0	31
48	Utilization of agricultural waste biomass by cellulolytic isolate <i>Enterobacter</i> sp. SUK-Bio. Agriculture and Natural Resources, 2018, 52, 399-406.	0.1	14
49	Enzymatic analysis, structural study and molecular docking of laccase and catalase from <i>B. subtilis</i> SK1 after textile dye exposure. Ecological Informatics, 2018, 48, 269-280.	5.2	15
50	Co-planted floating phyto-bed along with microbial fuel cell for enhanced textile effluent treatment. Journal of Cleaner Production, 2018, 203, 788-798.	9.3	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. Ecotoxicology and Environmental Safety, 2018, 161, 70-77.	6.0	41
52	In situ phytoremediation of dyes from textile wastewater using garden ornamental plants, effect on soil quality and plant growth. Chemosphere, 2018, 210, 968-976.	8.2	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> . International Journal of Biological Macromolecules, 2018, 120, 19-27.	7.5	36
54	DNA barcode based delineation of freshwater fishes from northern Western Ghats of India, one of the world's biodiversity hotspots. Biodiversity and Conservation, 2018, 27, 3349-3371.	2.6	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.	13.3	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.	5.3	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.	3.1	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.	12.4	80
59	Comparative analyses of enzymatic activity, structural study and docking of fungal cellulases. <i>Gene Reports</i> , 2017, 9, 54-60.	0.8	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.	6.7	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.	2.2	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.	12.7	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.	0.5	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.	9.2	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.	9.2	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.	3.1	33
68	Camptothecine production by mixed fermentation of two endophytic fungi from <i>Nothapodytes nimmoniana</i> . <i>Fungal Biology</i> , 2016, 120, 873-883.	2.5	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.	4.6	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.	5.3	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.	0.2	1
72	Herbal augmentation enhances malachite green biodegradation efficacy of <i>Saccharomyces cerevisiae</i> . <i>Biologia (Poland)</i> , 2016, 71, 475-483.	1.5	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.	7.5	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.	3.6	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.	7.5	30
76	Bioinformatics aided microbial approach for bioremediation of wastewater containing textile dyes. <i>Ecological Informatics</i> , 2016, 31, 112-121.	5.2	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.	11.3	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.	0.2	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.	3.6	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.	1.3	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.	3.4	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.	2.7	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.	2.2	60
84	Application of Genomics and Proteomics in Bioremediation. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2016, , 97-112.	0.4	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.	2.6	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.	1.9	30
87	Bacterial Enzymes and Their Role in Decolorization of Azo Dyes. <i>Environmental Science and Engineering</i> , 2015, , 149-168.	0.2	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.	2.6	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.	0.2	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.	1.7	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.	3.6	57
92	Production of camptothecine using whey by an endophytic fungus: standardization using response surface methodology. RSC Advances, 2015, 5, 62828-62835.	3.6	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.	11.3	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.	2.1	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.	3.6	84
96	Fermentative hydrogen production using sorghum husk as a biomass feedstock and process optimization. Biotechnology and Bioprocess Engineering, 2015, 20, 733-743.	2.6	30
97	Superparamagnetic core/shell nanostructures for magnetic isolation and enrichment of DNA. RSC Advances, 2015, 5, 88375-88381.	3.6	8
98	Phytoremediation of textile dyes and effluents: Current scenario and future prospects. Biotechnology Advances, 2015, 33, 1697-1714.	11.7	251
99	Textile dye degradation potential of plant laccase significantly enhances upon augmentation with redox mediators. RSC Advances, 2015, 5, 80505-80517.	3.6	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.	3.6	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.	3.1	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.	12.4	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.	9.6	20
104	Biodegradation and detoxification of textile azo dyes by bacterial consortium under sequential microaerophilic/aerobic processes. EXCLI Journal, 2015, 14, 158-74.	0.7	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.	2.1	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.	2.2	22
108	Characterization of modular bifunctional processive endoglucanase Cel5 from <i>Hahella chejuensis</i> KCTC 2396. Applied Microbiology and Biotechnology, 2014, 98, 4421-4435.	3.6	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.	8.2	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.	9.6	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.	3.9	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.	2.9	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.	3.9	25
114	Green remediation of textile dyes containing wastewater by <i>Ipomoea hederifolia</i> L.. <i>RSC Advances</i> , 2014, 4, 36623-36632.	3.6	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.	5.3	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.	5.3	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.	12.4	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.	3.3	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.	3.5	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.	2.9	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.	3.9	79
122	Degradation of a xenobiotic textile dye, Disperse Brown 118, by <i>Brevibacillus laterosporus</i> . <i>Biotechnology Letters</i> , 2013, 35, 1593-1598.	2.2	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.	2.2	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.	5.3	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.	5.3	55
126	Molecular assessment of shift in bacterial community in response to Congo red. <i>International Biodeterioration and Biodegradation</i> , 2013, 77, 18-21.	3.9	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.	8.2	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.	11.3	128
129	Low cost CaCl ₂ 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.	9.6	62
130	Decolorization of Dyehouse Effluent and Biodegradation of Congo Red by <i>Bacillus thuringiensis</i> RUN1. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 843-849.	2.1	33
131	Biodegradation of Rubine GFL by <i>Galactomyces geotrichum</i> MTCC 1360 and subsequent toxicological analysis by using cytotoxicity, genotoxicity and oxidative stress studies. <i>Microbiology (United Kingdom)</i> 10.1017/S0950268813000107	1.0	1
132	Differential fate of metabolism of a disperse dye by microorganisms <i>Galactomyces geotrichum</i> and <i>Brevibacillus laterosporus</i> and their consortium GG-BL. <i>Journal of Environmental Sciences</i> , 2012, 24, 1295-1304.	6.1	16
133	Photoelectrocatalytic decolorization and degradation of textile effluent using ZnO thin films. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 114, 102-107.	3.8	59
134	Decolorization and Biodegradation of Rubine GFL by Microbial Consortium GG-BL in Sequential Aerobic/Microaerophilic Process. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1578-1594.	2.9	28
135	Bacterial assisted phytoremediation for enhanced degradation of highly sulfonated diazo reactive dye. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1709-1718.	5.3	75
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144	Preferential biodegradation of structurally dissimilar dyes from a mixture by <i>Brevibacillus laterosporus</i> . <i>Journal of Hazardous Materials</i> , 2011, 192, 1746-1755.	12.4	77

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