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	Bacterial decolorization and degradation of azo dyes: A review. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 138-157.	2.7	1,164
2	Enhanced decolorization and biodegradation of textile azo dye Scarlet R by using developed microbial consortium-GR. Bioresource Technology, 2009, 100, 2493-2500.	4.8	305
3	Biodegradation of benzidine based dye Direct Blue-6 by Pseudomonas desmolyticum NCIM 2112. Bioresource Technology, 2007, 98, 1405-1410.	4.8	291
4	Biodegradation of reactive textile dye Red BLI by an isolated bacterium Pseudomonas sp. SUK1. Bioresource Technology, 2008, 99, 4635-4641.	4.8	278
5	Evaluation of the efficacy of a bacterial consortium for the removal of color, reduction of heavy metals, and toxicity from textile dye effluent. Bioresource Technology, 2010, 101, 165-173.	4.8	257
6	Phytoremediation of textile dyes and effluents: Current scenario and future prospects. Biotechnology Advances, 2015, 33, 1697-1714.	6.0	251
7	Decolorization and detoxification of sulfonated azo dye methyl orange by Kocuria rosea MTCC 1532. Journal of Hazardous Materials, 2010, 176, 503-509.	6.5	240
8	Biotransformation of malachite green bySaccharomyces cerevisiae MTCC 463. Yeast, 2006, 23, 315-323.	0.8	214
9	Decolourization of azo dye methyl red by Saccharomyces cerevisiae MTCC 463. Chemosphere, 2007, 68, 394-400.	4.2	209
10	Enhanced biodegradation and detoxification of disperse azo dye Rubine GFL and textile industry effluent by defined fungal-bacterial consortium. International Biodeterioration and Biodegradation, 2012, 72, 94-107.	1.9	197
11	Acetoclastic methanogenesis led by Methanosarcina in anaerobic co-digestion of fats, oil and grease for enhanced production of methane. Bioresource Technology, 2019, 272, 351-359.	4.8	191
12	Decolorization and biodegradation of textile dye Navy blue HER by Trichosporon beigelii NCIM-3326. Journal of Hazardous Materials, 2009, 166, 1421-1428.	6.5	186
13	Decolorization and detoxification of Congo red and textile industry effluent by an isolated bacterium Pseudomonas sp. SU-EBT. Biodegradation, 2010, 21, 283-296.	1.5	185
14	Decolorization and biodegradation of reactive dyes and dye wastewater by a developed bacterial consortium. Biodegradation, 2010, 21, 999-1015.	1.5	179
15	Combined effects of sulfamethazine and sulfamethoxazole on a freshwater microalga, Scenedesmus obliquus: toxicity, biodegradation, and metabolic fate. Journal of Hazardous Materials, 2019, 370, 138-146.	6.5	176
16	Ecofriendly degradation of sulfonated diazo dye C.I. Reactive Green 19A using Micrococcus glutamicus NCIM-2168. Bioresource Technology, 2009, 100, 3897-3905.	4.8	154
17	Insights into microalgae mediated biodegradation of diazinon by Chlorella vulgaris : Microalgal tolerance to xenobiotic pollutants and metabolism. Algal Research, 2016, 20, 126-134.	2.4	152
18	Decolorization and detoxification of sulfonated azo dye C.I. Remazol Red and textile effluent by isolated Lysinibacillus sp. RGS. Journal of Bioscience and Bioengineering, 2013, 115, 658-667.	1.1	151

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19	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.	6.6	134
20	Biotechnological strategies for phytoremediation of the sulfonated azo dye Direct Red 5B using Blumea malcolmii Hook. Bioresource Technology, 2009, 100, 4104-4110.	4.8	133
21	Sequential photocatalysis and biological treatment for the enhanced degradation of the persistent azo dye methyl red. Journal of Hazardous Materials, 2019, 371, 115-122.	6.5	130
22	Biodegradation of Methyl red by Galactomyces geotrichum MTCC 1360. International Biodeterioration and Biodegradation, 2008, 62, 135-142.	1.9	129
23	Development of a bioreactor for remediation of textile effluent and dye mixture: A plantâ€“bacterial synergistic strategy. Water Research, 2013, 47, 1035-1048.	5.3	128
24	In situ phytoremediation of dyes from textile wastewater using garden ornamental plants, effect on soil quality and plant growth. Chemosphere, 2018, 210, 968-976.	4.2	127
25	Biodegradation of Direct Red 5B, a textile dye by newly isolated Comamonas sp. UVS. Journal of Hazardous Materials, 2008, 158, 507-516.	6.5	120
26	Toxicity of sulfamethazine and sulfamethoxazole and their removal by a green microalga, Scenedesmus obliquus. Chemosphere, 2019, 218, 551-558.	4.2	117
27	Biodegradation of disperse textile dye Brown 3REL by newly isolatedBacillussp. VUS. Journal of Applied Microbiology, 2008, 105, 14-24.	1.4	111
28	Biochemical characteristics of a textile dye degrading extracellular laccase from a Bacillus sp. ADR. Bioresource Technology, 2011, 102, 1752-1756.	4.8	108
29	Decolorization of textile industry effluent containing disperse dye Scarlet RR by a newly developed bacterial-yeast consortium BL-GG. Chemical Engineering Journal, 2012, 184, 33-41.	6.6	107
30	Decolorization of adsorbed textile dyes by developed consortium of Pseudomonas sp. SUK1 and Aspergillus ochraceus NCIM-1146 under solid state fermentation. Journal of Hazardous Materials, 2011, 189, 486-494.	6.5	105
31	Influence of organic and inorganic compounds on oxidoreductive decolorization of sulfonated azo dye C.I. Reactive Orange 16. Journal of Hazardous Materials, 2009, 172, 298-309.	6.5	103
32	Biodegradation of Reactive blue-25 by Aspergillus ochraceus NCIM-1146. Bioresource Technology, 2007, 98, 3638-3642.	4.8	102
33	Cultivation and harvesting of microalgae in photobioreactor for biodiesel production and simultaneous nutrient removal. Energy Conversion and Management, 2016, 117, 54-62.	4.4	101
34	Toxicity of atrazine and its bioaccumulation and biodegradation in a green microalga, Chlamydomonas mexicana. Environmental Science and Pollution Research, 2014, 21, 12270-12278.	2.7	100
35	Phytoremediation of sulfonated Remazol Red dye and textile effluents by Alternanthera philoxeroides: An anatomical, enzymatic and pilot scale study. Water Research, 2015, 83, 271-281.	5.3	100
36	Biodegradation and detoxification of textile azo dyes by bacterial consortium under sequential microaerophilic/aerobic processes. EXCLI Journal, 2015, 14, 158-74.	0.5	100

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37	Decolorization and biodegradation of Reactive Blue 13 by Proteus mirabilis LAG. Journal of Hazardous Materials, 2010, 184, 290-298.	6.5	98
38	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. International Journal of Environmental Research and Public Health, 2015, 12, 6894-6918.	1.2	98
39	Degradation analysis of Reactive Red 198 by hairy roots of Tagetes patula L. (Marigold). Planta, 2009, 230, 725-735.	1.6	97
40	In situ textile wastewater treatment in high rate transpiration system furrows planted with aquatic macrophytes and floating phytobeds. Chemosphere, 2020, 252, 126513.	4.2	97
41	Decolorization of Brilliant Blue G dye mediated by degradation of the microbial consortium of Galactomyces geotrichum and Bacillus sp.. Journal of the Taiwan Institute of Chemical Engineers, 2008, 39, 563-570.	1.4	95
42	POTENTIAL OFBRASSICA JUNCEAIN ORDER TO TREAT TEXTILEâ€"EFFLUENTâ€"CONTAMINATED SITES. International Journal of Phytoremediation, 2009, 11, 297-312.	1.7	91
43	Time dependent degradation of mixture of structurally different azo and non azo dyes by using Galactomyces geotrichum MTCC 1360. International Biodeterioration and Biodegradation, 2011, 65, 479-486.	1.9	89
44	Studies on phytoremediation potentiality of Typhonium flagelliforme for the degradation of Brilliant Blue R. Planta, 2010, 232, 271-285.	1.6	86
45	Effect of inducers on the decolorization and biodegradation of textile azo dye Navy blue 2GL by Bacillus sp. VUS. Biodegradation, 2009, 20, 777-787.	1.5	85
46	Biodegradation of Crystal Violet by Agrobacterium radiobacter. Journal of Environmental Sciences, 2011, 23, 1384-1393.	3.2	84
47	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
48	Phytoremediation potential of Portulaca grandiflora Hook. (Moss-Rose) in degrading a sulfonated diazo reactive dye Navy Blue HE2R (Reactive Blue 172). Bioresource Technology, 2011, 102, 6774-6777.	4.8	82
49	Red HE7B degradation using desulfonation by Pseudomonas desmolyticum NCIM 2112. International Biodeterioration and Biodegradation, 2007, 60, 327-333.	1.9	81
50	Rhamnolipid from Pseudomonas desmolyticum NCIMâ€2112 and its role in the degradation of Brown 3REL. Journal of Basic Microbiology, 2011, 51, 385-396.	1.8	80
51	Co-plantation of aquatic macrophytes Typha angustifolia and Paspalum scrobiculatum for effective treatment of textile industry effluent. Journal of Hazardous Materials, 2017, 338, 47-56.	6.5	80
52	Purification and characterization of an extracellular laccase from a Pseudomonas sp. LBC1 and its application for the removal of bisphenol A. Journal of Molecular Catalysis B: Enzymatic, 2009, 61, 252-260.	1.8	79
53	Treatment of dye containing wastewaters by a developed lab scale phytoreactor and enhancement of its efficacy by bacterial augmentation. International Biodeterioration and Biodegradation, 2013, 78, 89-97.	1.9	79
54	Textile dye degrading laccase from Pseudomonas desmolyticum NCIM 2112. Enzyme and Microbial Technology, 2009, 44, 65-71.	1.6	78

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55	Preferential biodegradation of structurally dissimilar dyes from a mixture by Brevibacillus laterosporus. Journal of Hazardous Materials, 2011, 192, 1746-1755.	6.5	77
56	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. Chemical Engineering Journal, 2017, 307, 1026-1036.	6.6	77
57	Green remediation of textile dyes containing wastewater by Ipomoea hederifolia L.. RSC Advances, 2014, 4, 36623-36632.	1.7	76
58	Bacterial assisted phytoremediation for enhanced degradation of highly sulfonated diazo reactive dye. Environmental Science and Pollution Research, 2012, 19, 1709-1718.	2.7	75
59	Efficient decolorization and detoxification of textile industry effluent by Salvinia molesta in lagoon treatment. Environmental Research, 2016, 150, 88-96.	3.7	74
60	Decolorization of textile industry effluent using immobilized consortium cells in upflow fixed bed reactor. Journal of Cleaner Production, 2019, 213, 884-891.	4.6	74
61	Whole conversion of microalgal biomass into biofuels through successive high-throughput fermentation. Chemical Engineering Journal, 2019, 360, 797-805.	6.6	74
62	Purification and Partial Characterization of Lignin Peroxidase from Acinetobacter calcoaceticus NCIM 2890 and Its Application in Decolorization of Textile Dyes. Applied Biochemistry and Biotechnology, 2009, 152, 6-14.	1.4	72
63	Purification and characterization of veratryl alcohol oxidase from Comamonas sp. UVS and its role in decolorization of textile dyes. Biotechnology and Bioprocess Engineering, 2009, 14, 369-376.	1.4	72
64	The role of Aster amellus Linn. in the degradation of a sulfonated azo dye Remazol Red: A phytoremediation strategy. Chemosphere, 2011, 82, 1147-1154.	4.2	71
65	Decolorization of Textile Dyes and Degradation of Mono-Azo Dye Amaranth by Acinetobacter calcoaceticus NCIM 2890. Indian Journal of Microbiology, 2011, 51, 501-508.	1.5	71
66	Biochemical effects of various pesticides on sprayers of grape gardens. Indian Journal of Clinical Biochemistry, 2003, 18, 16-22.	0.9	69
67	Phytoremediation of a sulphonated azo dye Green HE4B by Glandularia pulchella (Sweet) Tronc. (Moss) Tj ETQq1 1 0.784314 rgBT /O	2.7	69
68	Biodegradation and Detoxification of Reactive Textile Dye by Isolated Pseudomonas sp. SUK1. Water Environment Research, 2009, 81, 298-307.	1.3	68
69	Biochemical characterization and potential for textile dye degradation of blue laccase from Aspergillus ochraceus NCIM-1146. Biotechnology and Bioprocess Engineering, 2010, 15, 696-703.	1.4	68
70	Photo-corrosion inhibition and photoactivity enhancement with tailored zinc oxide thin films. Journal of Photochemistry and Photobiology B: Biology, 2012, 110, 15-21.	1.7	68
71	Differential fate of metabolism of a sulfonated azo dye Remazol Orange 3R by plants Aster amellus Linn., Glandularia pulchella (Sweet) Tronc. and their consortium. Journal of Hazardous Materials, 2011, 190, 424-431.	6.5	67
72	Enhanced decolorization and biodegradation of acid red 88 dye by newly isolated fungus, Achaetomium strumarium. Journal of Environmental Chemical Engineering, 2018, 6, 1589-1600.	3.3	67

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73	Optimization of dilute acetic acid pretreatment of mixed fruit waste for increased methane production. Journal of Cleaner Production, 2018, 190, 411-421.	4.6	65
74	Toxicity of benzophenone-3 and its biodegradation in a freshwater microalga Scenedesmus obliquus. Journal of Hazardous Materials, 2020, 389, 122149.	6.5	64
75	Synergistic degradation of diazo dye Direct Red 5B by Portulaca grandiflora and Pseudomonas putida. International Journal of Environmental Science and Technology, 2013, 10, 1039-1050.	1.8	62
76	Low cost CaCl2 pretreatment of sugarcane bagasse for enhancement of textile dyes adsorption and subsequent biodegradation of adsorbed dyes under solid state fermentation. Bioresource Technology, 2013, 132, 276-284.	4.8	62
77	Decolorization and degradation of xenobiotic azo dye Reactive Yellow-84A and textile effluent by Galactomyces geotrichum. Chemosphere, 2014, 109, 234-238.	4.2	62
78	Phytobeds with Fimbristylis dichotoma and Ammannia baccifera for treatment of real textile effluent: An in situ treatment, anatomical studies and toxicity evaluation. Environmental Research, 2018, 160, 1-11.	3.7	61
79	Phytodegradation of the triphenylmethane dye Malachite Green mediated by cell suspension cultures of Blumea malcolmii Hook.. Bioresource Technology, 2011, 102, 10312-10318.	4.8	60
80	Enzymatic hydrolysis and characterization of waste lignocellulosic biomass produced after dye bioremediation under solid state fermentation. Bioresource Technology, 2014, 168, 136-141.	4.8	60
81	Cellulolytic Enzymes Production by Utilizing Agricultural Wastes Under Solid State Fermentation and its Application for Biohydrogen Production. Applied Biochemistry and Biotechnology, 2014, 174, 2801-2817.	1.4	60
82	Treatment of textile effluent in a developed phytoreactor with immobilized bacterial augmentation and subsequent toxicity studies on Etheostoma olmstedi fish. Journal of Hazardous Materials, 2015, 283, 698-704.	6.5	60
83	Biodegradation and detoxification of textile dye Disperse Red 54 by Brevibacillus laterosporus and determination of its metabolic fate. Journal of Bioscience and Bioengineering, 2016, 121, 442-449.	1.1	60
84	Exploring the ability of Sphingobacterium sp. ATM to degrade textile dye Direct Blue GLL, mixture of dyes and textile effluent and production of polyhydroxyhexadecanoic acid using waste biomass generated after dye degradation. Journal of Hazardous Materials, 2010, 182, 169-176.	6.5	59
85	Photoelectrocatalytic decolorization and degradation of textile effluent using ZnO thin films. Journal of Photochemistry and Photobiology B: Biology, 2012, 114, 102-107.	1.7	59
86	Camptothecine production by mixed fermentation of two endophytic fungi from Nothapodytes nimmoniana. Fungal Biology, 2016, 120, 873-883.	1.1	58
87	Interspecies microbial nexus facilitated methanation of polysaccharidic wastes. Bioresource Technology, 2019, 289, 121638.	4.8	58
88	Production of polyhydroxyhexadecanoic acid by using waste biomass of Sphingobacterium sp. ATM generated after degradation of textile dye Direct Red 5B. Bioresource Technology, 2010, 101, 2421-2427.	4.8	57
89	Bacterialâ€“yeast consortium as an effective biocatalyst for biodegradation of sulphonated azo dye Reactive Red 198. RSC Advances, 2015, 5, 23046-23056.	1.7	57
90	Microbial acclimatization to lipidic-waste facilitates the efficacy of acidogenic fermentation. Chemical Engineering Journal, 2019, 358, 188-196.	6.6	56

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91	Solid-state fermentation: tool for bioremediation of adsorbed textile dyestuff on distillery industry waste-yeast biomass using isolated Bacillus cereus strain EBT1. Environmental Science and Pollution Research, 2013, 20, 1009-1020.	2.7	55
92	Biodegradation of diazo dye Direct brown MR by Acinetobacter calcoaceticus NCIM 2890. International Biodeterioration and Biodegradation, 2009, 63, 433-439.	1.9	54
93	A sequential aerobic/microaerophilic decolorization of sulfonated mono azo dye Golden Yellow HER by microbial consortium GG-BL. International Biodeterioration and Biodegradation, 2011, 65, 1024-1034.	1.9	54
94	Fixed-bed decolorization of Reactive Blue 172 by Proteus vulgaris NCIM-2027 immobilized on Luffa cylindrica sponge. International Biodeterioration and Biodegradation, 2011, 65, 494-503.	1.9	54
95	Phytoremediation of textile effluent and mixture of structurally different dyes by Glandularia pulchella (Sweet) Tronc.. Chemosphere, 2012, 87, 265-272.	4.2	53
96	Lichen Permelia perlata: A novel system for biodegradation and detoxification of disperse dye Solvent Red 24. Journal of Hazardous Materials, 2014, 276, 461-468.	6.5	53
97	Bioinformatics aided microbial approach for bioremediation of wastewater containing textile dyes. Ecological Informatics, 2016, 31, 112-121.	2.3	53
98	Uptake and biodegradation of emerging contaminant sulfamethoxazole from aqueous phase using Ipomoea aquatica. Chemosphere, 2019, 225, 696-704.	4.2	53
99	An insight into the influence of low dose irradiation pretreatment on the microbial decolouration and degradation of Reactive Red-120 dye. Chemosphere, 2013, 90, 1348-1358.	4.2	52
100	Oxidative stress response in dye degrading bacterium Lysinibacillus sp. RGS exposed to Reactive Orange 16, degradation of RO16 and evaluation of toxicity. Environmental Science and Pollution Research, 2014, 21, 11075-11085.	2.7	52
101	Biodegradation of kerosene by Aspergillus ochraceus NCIMâ€1146. Journal of Basic Microbiology, 2007, 47, 400-405.	1.8	51
102	Ipomoea hederifolia rooted soil bed and Ipomoea aquatica rhizofiltration coupled phytoreactors for efficient treatment of textile wastewater. Water Research, 2016, 96, 1-11.	5.3	51
103	Exploring the potential of natural bacterial consortium to degrade mixture of dyes and textile effluent. International Biodeterioration and Biodegradation, 2010, 64, 622-628.	1.9	49
104	Enhancement of microalgal growth and biocomponent-based transformations for improved biofuel recovery: A review. Bioresource Technology, 2018, 258, 365-375.	4.8	49
105	Biochemical characterization of laccase from hairy root culture of Brassica juncea L. and role of redox mediators to enhance its potential for the decolorization of textile dyes. Planta, 2011, 234, 1137-1149.	1.6	48
106	Biodegradation and detoxification of Scarlet RR dye by a newly isolated filamentous fungus, Peyronellaea prosopidis. Sustainable Environment Research, 2018, 28, 214-222.	2.1	48
107	Biological Conversion of Amino Acids to Higher Alcohols. Trends in Biotechnology, 2019, 37, 855-869.	4.9	47
108	Biotransformation enzymes inCunninghamella blakesleeana (NCIM-687). Journal of Basic Microbiology, 2006, 46, 444-448.	1.8	46

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109	Phytoremediation potential of Petunia grandiflora Juss., an ornamental plant to degrade a disperse, disulfonated triphenylmethane textile dye Brilliant Blue G. Environmental Science and Pollution Research, 2013, 20, 939-949.	2.7	46
110	Co-planted floating phyto-bed along with microbial fuel cell for enhanced textile effluent treatment. Journal of Cleaner Production, 2018, 203, 788-798.	4.6	45
111	Combined biological and advanced oxidation process for decolorization of textile dyes. SN Applied Sciences, 2019, 1, 1.	1.5	45
112	Degradation of indigo dye by a newly isolated yeast, Diutina rugosa from dye wastewater polluted soil. Journal of Environmental Chemical Engineering, 2017, 5, 4639-4648.	3.3	43
113	Biodegradation of hazardous triphenylmethane dye methyl violet by Rhizobium radiobacter (MTCC 8161). Journal of Basic Microbiology, 2009, 49, S36-42.	1.8	41
114	Degradation of Remazol Red dye by Galactomyces geotrichum MTCC 1360 leading to increased iron uptake in Sorghum vulgare and Phaseolus mungo from soil. Biotechnology and Bioprocess Engineering, 2012, 17, 117-126.	1.4	41
115	Degradation and detoxification of methylene blue dye adsorbed on water hyacinth in semi continuous anaerobicâ€“aerobic bioreactors by novel microbial consortium-SB. RSC Advances, 2015, 5, 99228-99239.	1.7	41
116	Asparagus densiflorus 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.	2.9	41
117	Antiaflatoxigenic and antioxidant activity of an essential oil fromAgeratum conyzoidesL.. Journal of the Science of Food and Agriculture, 2010, 90, 608-614.	1.7	40
118	Industrial dye decolorizing lignin peroxidase from Kocuria rosea MTCC 1532. Annals of Microbiology, 2012, 62, 217-223.	1.1	40
119	Microcosm study of atrazine bioremediation by indigenous microorganisms and cytotoxicity of biodegraded metabolites. Journal of Hazardous Materials, 2019, 374, 66-73.	6.5	40
120	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.	3.9	40
121	Decolorization of Direct Blue GLL with enhanced lignin peroxidase enzyme production in Comamonas sp UVS. Journal of Chemical Technology and Biotechnology, 2009, 84, 126-132.	1.6	38
122	A Low-Cost Wheat Bran Medium for Biodegradation of the Benzidine-Based Carcinogenic Dye Trypan Blue Using a Microbial Consortium. International Journal of Environmental Research and Public Health, 2015, 12, 3480-3505.	1.2	38
123	Can Omics Approaches Improve Microalgal Biofuels under Abiotic Stress?. Trends in Plant Science, 2019, 24, 611-624.	4.3	38
124	Exploiting the efficacy ofLysinibacillussp. RGS for decolorization and detoxification of industrial dyes, textile effluent and bioreactor studies. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 176-192.	0.9	37
125	Pretreatment of microalgal biomass for enhanced recovery/extraction of reducing sugars and proteins. Bioprocess and Biosystems Engineering, 2016, 39, 95-103.	1.7	37
126	Regeneration of textile wastewater deteriorated microbial diversity of soil microcosm through bioaugmentation. Chemical Engineering Journal, 2020, 380, 122533.	6.6	37

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127	Brevibacillus laterosporusMTCC 2298: a potential azo dye degrader. Journal of Applied Microbiology, 2009, 106, 993-1004.	1.4	36
128	Exploitation of yeast biomass generated as a waste product of distillery industry for remediation of textile industry effluent. International Biodeterioration and Biodegradation, 2010, 64, 716-726.	1.9	36
129	Efficient industrial dye decolorization by Bacillus sp. VUS with its enzyme system. Ecotoxicology and Environmental Safety, 2010, 73, 1696-1703.	2.9	36
130	Textile dye degradation potential of plant laccase significantly enhances upon augmentation with redox mediators. RSC Advances, 2015, 5, 80505-80517.	1.7	36
131	Biodegradation of a monochlorotriazine dye, cibacron brilliant red 3B-A in solid state fermentation by wood-rot fungal consortium, Daldinia concentrica and Xylaria polymorpha. International Journal of Biological Macromolecules, 2018, 120, 19-27.	3.6	36
132	Peroxidase from Bacillus sp. VUS and its role in the decolorization of textile dyes. Biotechnology and Bioprocess Engineering, 2009, 14, 361-368.	1.4	34
133	Production and characterization of cellulolytic enzymes by isolated Klebsiella sp. PRW-1 using agricultural waste biomass. Emirates Journal of Food and Agriculture, 2014, 26, 44.	1.0	34
134	Exploiting the potential of plant growth promoting bacteria in decolorization of dye Disperse Red 73 adsorbed on milled sugarcane bagasse under solid state fermentation. International Biodeterioration and Biodegradation, 2014, 86, 364-371.	1.9	33
135	An isolated Amycolatopsis sp. GDS for cellulase and xylanase production using agricultural waste biomass. Journal of Applied Microbiology, 2016, 120, 112-125.	1.4	33
136	Enzymatic hydrolysis of biologically pretreated sorghum husk for bioethanol production. Biofuel Research Journal, 2018, 5, 846-853.	7.2	33
137	Decolorization of Dyehouse Effluent and Biodegradation of Congo Red by Bacillus thuringiensis RUN1. Journal of Microbiology and Biotechnology, 2013, 23, 843-849.	0.9	33
138	Isolation, characterization, and antifungal application of a biosurfactant produced by Enterobacter sp. MS16. European Journal of Lipid Science and Technology, 2011, 113, 1347-1356.	1.0	32
139	Decolorization and detoxification of dye mixture and textile effluent by lichen Dermatocarpon vellereceum in fixed bed upflow bioreactor with subsequent oxidative stress study. Ecotoxicology and Environmental Safety, 2018, 148, 17-25.	2.9	31
140	Synergistic effect of biological and advanced oxidation process treatment in the biodegradation of Remazol yellow RR dye. Scientific Reports, 2020, 10, 20234.	1.6	31
141	Thermodynamic Studies of Amino Acidâ€“Denaturant Interactions in Aqueous Solutions at 298.15 K. Journal of Solution Chemistry, 2011, 40, 1596-1617.	0.6	30
142	Characterization of modular bifunctional processive endoglucanase Cel5 from Hahella chejuensis KCTC 2396. Applied Microbiology and Biotechnology, 2014, 98, 4421-4435.	1.7	30
143	Low-Cost Biodegradation and Detoxification of Textile Azo Dye C.I. Reactive Blue 172 byProvidencia rettgeriStrain HSL1. Journal of Chemistry, 2015, 2015, 1-10.	0.9	30
144	Fermentative hydrogen production using sorghum husk as a biomass feedstock and process optimization. Biotechnology and Bioprocess Engineering, 2015, 20, 733-743.	1.4	30

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145	Bioreactor with Ipomoea hederifolia adventitious roots and its endophyte Cladosporium cladosporioides for textile dye degradation. Environmental Research, 2016, 146, 340-349.	3.7	30
146	Degradation of sulfonated azo dyes by the purified lignin peroxidase from Brevibacillus laterosporus MTCC 2298. Biotechnology and Bioprocess Engineering, 2008, 13, 136-143.	1.4	29
147	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.	2.9	29
148	Decolorization and Biodegradation of Rubine GFL by Microbial Consortium GG-BL in Sequential Aerobic/Microaerophilic Process. Applied Biochemistry and Biotechnology, 2012, 167, 1578-1594.	1.4	28
149	Eco-friendly biodegradation of a reactive textile dye Golden Yellow HER by Brevibacillus laterosporus MTCC 2298. International Biodeterioration and Biodegradation, 2009, 63, 582-586.	1.9	27
150	Biodegradation of disperse dye brown 3REL by microbial consortium of Galactomyces geotrichum MTCC 1360 and Bacillus sp. VUS. Biotechnology and Bioprocess Engineering, 2008, 13, 232-239.	1.4	26
151	Occupational pesticides exposure of sprayers of grape gardens in Western Maharashtra (India): effects on liver and kidney function. Journal of Basic and Clinical Physiology and Pharmacology, 2009, 20, 335-356.	0.7	26
152	Biodegradation of Rubine GFL by Galactomyces geotrichum MTCC 1360 and subsequent toxicological analysis by using cytotoxicity, genotoxicity and oxidative stress studies. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457		26
153	Degradation of a xenobiotic textile dye, Disperse Brown 118, by Brevibacillus laterosporus. Biotechnology Letters, 2013, 35, 1593-1598.	1.1	26
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