

Mãngeles Sanromã;n Braga

List of Publications by Year in descending order

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298
papers

11,898
citations

28274

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86
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all docs

304
docs citations

304
times ranked

10496
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of solid-state fermentation to food industry – A review. <i>Journal of Food Engineering</i> , 2006, 76, 291-302.	5.2	535
2	Recent developments and applications of immobilized laccase. <i>Biotechnology Advances</i> , 2013, 31, 1808-1825.	11.7	513
3	Current advances and trends in electro-Fenton process using heterogeneous catalysts – A review. <i>Chemosphere</i> , 2018, 201, 399-416.	8.2	270
4	Application of solid-state fermentation to ligninolytic enzyme production. <i>Biochemical Engineering Journal</i> , 2005, 22, 211-219.	3.6	196
5	Challenges and recent advances in biochar as low-cost biosorbent: From batch assays to continuous-flow systems. <i>Bioresource Technology</i> , 2017, 246, 176-192.	9.6	192
6	Decontamination of soils containing PAHs by electroremediation: A review. <i>Journal of Hazardous Materials</i> , 2010, 177, 1-11.	12.4	184
7	Influence of redox mediators and metal ions on synthetic acid dye decolourization by crude laccase from <i>Trametes hirsuta</i> . <i>Chemosphere</i> , 2005, 58, 417-422.	8.2	152
8	Electro-Fenton decoloration of dyes in a continuous reactor: A promising technology in colored wastewater treatment. <i>Chemical Engineering Journal</i> , 2009, 155, 62-67.	12.7	147
9	Stainless steel sponge: a novel carrier for the immobilisation of the white-rot fungus <i>Trametes hirsuta</i> for decolourization of textile dyes. <i>Bioresource Technology</i> , 2004, 95, 67-72.	9.6	141
10	Electrochemical decolourisation of structurally different dyes. <i>Chemosphere</i> , 2004, 57, 233-239.	8.2	135
11	Synthesis of bimetallic Fe–Zn nanoparticles and its application towards adsorptive removal of carcinogenic dye malachite green and Congo red in water. <i>Journal of Molecular Liquids</i> , 2015, 212, 227-236.	4.9	135
12	Improving laccase production by employing different lignocellulosic wastes in submerged cultures of <i>Trametes versicolor</i> . <i>Bioresource Technology</i> , 2002, 82, 109-113.	9.6	129
13	Decolourisation of dyes under electro-Fenton process using Fe alginate gel beads. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 369-377.	12.4	122
14	Efficient PAHs biodegradation by a bacterial consortium at flask and bioreactor scale. <i>Bioresource Technology</i> , 2012, 119, 270-276.	9.6	118
15	Electrokinetic remediation of lead and phenanthrene polluted soils. <i>Geoderma</i> , 2012, 173-174, 128-133.	5.1	108
16	Advances in the Electro-Fenton Process for Remediation of Recalcitrant Organic Compounds. <i>Chemical Engineering and Technology</i> , 2012, 35, 609-617.	1.5	100
17	Electro-Fenton oxidation of imidacloprid by Fe alginate gel beads. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 416-424.	20.2	99
18	Inhibition of laccase activity from <i>Trametes versicolor</i> by heavy metals and organic compounds. <i>Chemosphere</i> , 2005, 60, 1124-1128.	8.2	98

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19	Combined treatment of PAHs contaminated soils using the sequence extraction with surfactantâ€“electrochemical degradation. <i>Chemosphere</i> , 2008, 70, 1438-1444.	8.2	93
20	Decolorization of dye Reactive Black 5 by newly isolated thermophilic microorganisms from geothermal sites in Galicia (Spain). <i>Journal of Hazardous Materials</i> , 2010, 182, 735-742.	12.4	88
21	Increased laccase production by <i>Trametes hirsuta</i> grown on ground orange peelings. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1286-1290.	3.2	87
22	Structural characterization of Kraft lignins from different spent cooking liquors by 1D and 2D Nuclear Magnetic Resonance spectroscopy. <i>Biomass and Bioenergy</i> , 2014, 63, 156-166.	5.7	87
23	Screening of supports and inducers for laccase production by <i>Trametes versicolor</i> in semi-solid-state conditions. <i>Process Biochemistry</i> , 2002, 38, 249-255.	3.7	86
24	PAHs soil decontamination in two steps: Desorption and electrochemical treatment. <i>Journal of Hazardous Materials</i> , 2009, 166, 462-468.	12.4	86
25	Homogeneous and heterogeneous peroxymonosulfate activation by transition metals for the degradation of industrial leather dye. <i>Journal of Cleaner Production</i> , 2019, 228, 222-230.	9.3	82
26	Bacterialâ€“fungal interactions enhance power generation in microbial fuel cells and drive dye decolourisation by an ex situ and in situ electro-Fenton process. <i>Bioresource Technology</i> , 2013, 148, 39-46.	9.6	81
27	Improvement in electrokinetic remediation of heavy metal spiked kaolin with the polarity exchange technique. <i>Chemosphere</i> , 2006, 62, 817-822.	8.2	79
28	Different proportions of laccase isoenzymes produced by submerged cultures of <i>Trametes versicolor</i> grown on lignocellulosic wastes. <i>Biotechnology Letters</i> , 2004, 26, 327-330.	2.2	78
29	Effect of heavy metals on the production of several laccase isoenzymes by <i>Trametes versicolor</i> and on their ability to decolourise dyes. <i>Chemosphere</i> , 2006, 63, 912-917.	8.2	78
30	Grape seeds: the best lignocellulosic waste to produce laccase by solid state cultures of <i>Trametes hirsuta</i> . <i>Biotechnology Letters</i> , 2003, 25, 491-495.	2.2	74
31	Investigation of several bioreactor configurations for laccase production by <i>Trametes versicolor</i> operating in solid-state conditions. <i>Biochemical Engineering Journal</i> , 2003, 15, 21-26.	3.6	71
32	Grapefruit peelings as a promising biosorbent for the removal of leather dyes and hexavalent chromium. <i>Chemical Engineering Research and Design</i> , 2016, 101, 61-71.	5.6	71
33	Removal of PAHs and pesticides from polluted soils by enhanced electrokinetic-Fenton treatment. <i>Chemosphere</i> , 2015, 125, 168-174.	8.2	70
34	Application of zeolite- <i>Arthrobacter viscosus</i> system for the removal of heavy metal and dye: Chromium and Azure B. <i>Desalination</i> , 2012, 284, 150-156.	8.2	69
35	Immobilization of laccase on modified silica: Stabilization, thermal inactivation and kinetic behaviour in 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid. <i>Bioresource Technology</i> , 2013, 131, 405-412.	9.6	69
36	New uses of food waste: application to laccase production by <i>Trametes hirsuta</i> . <i>Biotechnology Letters</i> , 2002, 24, 701-704.	2.2	68

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37	Application of central composite face-centered design and response surface methodology for the optimization of electro-Fenton decolorization of Azure B dye. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1738-1746.	5.3	68
38	Utilisation of grape seeds for laccase production in solid-state fermentors. <i>Journal of Food Engineering</i> , 2006, 74, 263-267.	5.2	66
39	Remediation of contaminated marine sediment using electrokinetic Fenton technology. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 932-937.	5.8	66
40	p-Nitrophenol degradation by electro-Fenton process: Pathway, kinetic model and optimization using central composite design. <i>Chemosphere</i> , 2017, 185, 726-736.	8.2	65
41	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 665-669.	3.6	64
42	Dye decolorization by <i>Trametes hirsuta</i> immobilized into alginate beads. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 405-409.	3.6	64
43	Degradation of thiamethoxam by the synergetic effect between anodic oxidation and Fenton reactions. <i>Journal of Hazardous Materials</i> , 2016, 319, 43-50.	12.4	64
44	Chestnut shell and barley bran as potential substrates for laccase production by <i>Coriolopsis rigida</i> under solid-state conditions. <i>Journal of Food Engineering</i> , 2005, 68, 315-319.	5.2	63
45	Identification of extracellular lipases/esterases produced by <i>Thermus thermophilus</i> HB27: Partial purification and preliminary biochemical characterisation. <i>Journal of Biotechnology</i> , 2005, 117, 233-241.	3.8	63
46	Electrokinetic remediation of PAH mixtures from kaolin. <i>Journal of Hazardous Materials</i> , 2010, 179, 1156-1160.	12.4	63
47	Remediation of polluted soil by a two-stage treatment system: Desorption of phenanthrene in soil and electrochemical treatment to recover the extraction agent. <i>Journal of Hazardous Materials</i> , 2010, 173, 794-798.	12.4	63
48	A novel application of solid state culture: production of lipases by <i>Yarrowia lipolytica</i> . <i>Biotechnology Letters</i> , 2003, 25, 1225-1229.	2.2	62
49	Heterogeneous electro-Fenton treatment: preparation, characterization and performance in groundwater pesticide removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 276-282.	5.8	62
50	Heterogeneous electro-Fenton using natural pyrite as solid catalyst for oxidative degradation of vanillic acid. <i>Journal of Electroanalytical Chemistry</i> , 2017, 797, 69-77.	3.8	62
51	New approaches on heterogeneous electro-Fenton treatment of winery wastewater. <i>Electrochimica Acta</i> , 2015, 169, 134-141.	5.2	60
52	Study of the degradation of dyes by MnP of <i>Phanerochaete chrysosporium</i> produced in a fixed-bed bioreactor. <i>Chemosphere</i> , 2003, 51, 295-303.	8.2	59
53	Selection of an electrolyte to enhance the electrochemical decolourisation of indigo. <i>Optimisation and scale-up</i> . <i>Chemosphere</i> , 2005, 60, 1080-1086.	8.2	59
54	Development of an electrochemical cell for the removal of Reactive Black 5. <i>Desalination</i> , 2011, 274, 39-43.	8.2	58

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55	Technoeconomic assessment of phenanthrene degradation by <i>Pseudomonas stutzeri</i> CECT 930 in a batch bioreactor. <i>Bioresource Technology</i> , 2012, 104, 81-89.	9.6	58
56	Strategies for improving extracellular lipolytic enzyme production by <i>Thermus thermophilus</i> HB27. <i>Bioresource Technology</i> , 2009, 100, 3630-3637.	9.6	57
57	Enzymatic polymerisation and effect of fractionation of dissolved lignin from <i>Eucalyptus globulus</i> Kraft liquor. <i>Bioresource Technology</i> , 2012, 121, 131-138.	9.6	57
58	A step forward in heterogeneous photocatalysis: Process intensification by using a static mixer as catalyst support. <i>Chemical Engineering Journal</i> , 2018, 343, 597-606.	12.7	57
59	Effective heterogeneous electro-Fenton process of m-cresol with iron loaded activated carbon. <i>RSC Advances</i> , 2015, 5, 31049-31056.	3.6	56
60	Production of laccase by <i>Trametes versicolor</i> in an airlift fermentor. <i>Process Biochemistry</i> , 2003, 39, 467-473.	3.7	55
61	Boxâ€Behnken methodology for Cr (VI) and leather dyes removal by an eco-friendly biosorbent: <i>F. vesiculosus</i> . <i>Bioresource Technology</i> , 2014, 160, 166-174.	9.6	55
62	Design of a new rotating drum bioreactor for ligninolytic enzyme production by <i>Phanerochaete chrysosporium</i> grown on an inert support. <i>Process Biochemistry</i> , 2001, 37, 549-554.	3.7	54
63	Impact of ionic liquids on extreme microbial biotypes from soil. <i>Green Chemistry</i> , 2011, 13, 687.	9.0	54
64	On the hunt for truly biocompatible ionic liquids for lipase-catalyzed reactions. <i>RSC Advances</i> , 2015, 5, 3386-3389.	3.6	54
65	Immobilization of laccase on functionalized multiwalled carbon nanotube membranes and application for dye decolorization. <i>RSC Advances</i> , 2016, 6, 114690-114697.	3.6	54
66	Photocatalytic degradation of dyes in aqueous solution operating in a fluidised bed reactor. <i>Chemosphere</i> , 2002, 46, 83-86.	8.2	53
67	Electrocoagulation: Simply a Phase Separation Technology? The Case of Bronopol Compared to Its Treatment by EAOPs. <i>Environmental Science & Technology</i> , 2016, 50, 7679-7686.	10.0	53
68	Exploitation of a waste from the brewing industry for laccase production by two <i>Trametes</i> species. <i>Journal of Food Engineering</i> , 2004, 64, 423-428.	5.2	52
69	Improving on electrokinetic remediation in spiked Mn kaolinite by addition of complexing agents. <i>Electrochimica Acta</i> , 2007, 52, 3349-3354.	5.2	52
70	Novel physico-biological treatment for the remediation of textile dyes-containing industrial effluents. <i>Bioresource Technology</i> , 2013, 146, 689-695.	9.6	52
71	Application of benthonic microbial fuel cells and electro-Fenton process to dye decolourisation. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3754-3760.	5.8	52
72	<i>Bacillus thuringiensis</i> a promising bacterium for degrading emerging pollutants. <i>Chemical Engineering Research and Design</i> , 2016, 101, 19-26.	5.6	51

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73	Polymerisation of Kraft lignin from black liquors by laccase from <i>Myceliophthora thermophila</i> : Effect of operational conditions and black liquor origin. <i>Bioresource Technology</i> , 2013, 131, 288-294.	9.6	50
74	Development of permeable reactive biobarrier for the removal of PAHs by <i>Trichoderma longibrachiatum</i> . <i>Chemosphere</i> , 2013, 91, 711-716.	8.2	50
75	Control of pellet morphology of filamentous fungi in fluidized bed bioreactors by means of a pulsing flow. Application to <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> . <i>Enzyme and Microbial Technology</i> , 1996, 19, 261-266.	3.2	49
76	Soil washing using cyclodextrins and their recovery by application of electrochemical technology. <i>Chemical Engineering Journal</i> , 2010, 159, 53-57.	12.7	49
77	Enhanced selective metal adsorption on optimised agroforestry waste mixtures. <i>Bioresource Technology</i> , 2015, 182, 41-49.	9.6	49
78	Reutilisation of food processing wastes for production of relevant metabolites: application to laccase production by <i>Trametes hirsuta</i> . <i>Journal of Food Engineering</i> , 2005, 66, 419-423.	5.2	48
79	Biodegradation and utilization of waste cooking oil by <i>Yarrowia lipolytica</i> CECT 1240. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 1200-1208.	1.5	47
80	Using iron-loaded sepiolite obtained by adsorption as a catalyst in the electro-Fenton oxidation of Reactive Black 5. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5983-5993.	5.3	47
81	Production of Laccase by <i>Trametes hirsuta</i> Grown in an Immersion Bioreactor and its Application in the Decolorization of Dyes from a Leather Factory. <i>Engineering in Life Sciences</i> , 2004, 4, 233-238.	3.6	46
82	Technosols as a novel valorization strategy for an ecological management of dredged marine sediments. <i>Ecological Engineering</i> , 2014, 67, 182-189.	3.6	46
83	Preparation of activated carbon from Alligator weed (<i>Alternanthera philoxeroides</i>) and its application for tartrazine removal: Isotherm, kinetics and spectroscopic analysis. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2560-2568.	6.7	46
84	Kaolinite adsorption-regeneration system for dyestuff treatment by Fenton based processes. <i>Science of the Total Environment</i> , 2018, 622-623, 556-562.	8.0	46
85	A two-stage process using electrokinetic remediation and electrochemical degradation for treating benzo[a]pyrene spiked kaolin. <i>Chemosphere</i> , 2009, 74, 1516-1521.	8.2	45
86	Nickel foam a suitable alternative to increase the generation of Fenton's reagents. <i>Chemical Engineering Research and Design</i> , 2016, 101, 34-44.	5.6	45
87	Lipolytic enzyme production by <i>Thermus thermophilus</i> HB27 in a stirred tank bioreactor. <i>Biochemical Engineering Journal</i> , 2005, 26, 95-99.	3.6	44
88	Amelioration of the ability to decolorize dyes by laccase: relationship between redox mediators and laccase isoenzymes in <i>Trametes versicolor</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 1197-1204.	3.6	44
89	Unravelling the Environmental Application of Biochar as Low-Cost Biosorbent: A Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7810.	2.5	44
90	Environmental application of an industrial waste as catalyst for the electro-Fenton-like treatment of organic pollutants. <i>RSC Advances</i> , 2015, 5, 14416-14424.	3.6	43

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91	Title is missing!. <i>Biotechnology Letters</i> , 2000, 22, 1443-1447.	2.2	42
92	Surfactant-Enhanced Solubilization and Simultaneous Degradation of Phenanthrene in Marine Sediment by Electro-Fenton Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 2917-2923.	3.7	42
93	Optimisation of decolourisation and degradation of Reactive Black 5 dye under electro-Fenton process using Fe alginate gel beads. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2172-2183.	5.3	41
94	Decolourization of synthetic dyes by <i>Trametes hirsuta</i> in expanded-bed reactors. <i>Chemosphere</i> , 2006, 62, 1558-1563.	8.2	40
95	Antibiotics in swine husbandry effluents: Laying the foundations for their efficient removal with a biocompatible ionic liquid. <i>Chemical Engineering Journal</i> , 2016, 298, 10-16.	12.7	40
96	Electro-Fenton treatment of imidazolium-based ionic liquids: kinetics and degradation pathways. <i>RSC Advances</i> , 2016, 6, 1958-1965.	3.6	40
97	Comprehensive strategy for the degradation of anti-inflammatory drug diclofenac by different advanced oxidation processes. <i>Separation and Purification Technology</i> , 2019, 208, 130-141.	7.9	40
98	Heterogeneous Electro-Fenton as "Green" Technology for Pharmaceutical Removal: A Review. <i>Catalysts</i> , 2021, 11, 85.	3.5	40
99	Hydrogen Peroxide Biosensor with a Supramolecular Layer-by-Layer Design. <i>Langmuir</i> , 2008, 24, 7654-7657.	3.5	39
100	Studies of laccase from <i>Trametes versicolor</i> in aqueous solutions of several methylimidazolium ionic liquids. <i>Bioresource Technology</i> , 2011, 102, 7494-7499.	9.6	39
101	Electrokinetic oxidant soil flushing: A solution for in situ remediation of hydrocarbons polluted soils. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 1-8.	3.8	39
102	Comparison between the protease production ability of ligninolytic fungi cultivated in solid state media. <i>Process Biochemistry</i> , 2002, 37, 1017-1023.	3.7	38
103	Effect of lipids and surfactants on extracellular lipase production by <i>Yarrowia lipolytica</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 1166-1170.	3.2	38
104	A biocompatible stepping stone for the removal of emerging contaminants. <i>Separation and Purification Technology</i> , 2015, 153, 91-98.	7.9	38
105	Immobilization of laccase of <i>Pycnoporus sanguineus</i> CS43. <i>New Biotechnology</i> , 2017, 39, 141-149.	4.4	38
106	Synthesis and use of efficient adsorbents under the principles of circular economy: Waste valorisation and electroadvanced oxidation process regeneration. <i>Separation and Purification Technology</i> , 2020, 242, 116796.	7.9	38
107	Triton X surfactants to form aqueous biphasic systems: Experiment and correlation. <i>Journal of Chemical Thermodynamics</i> , 2012, 54, 385-392.	2.0	37
108	Removal of hexavalent chromium of contaminated soil by coupling electrokinetic remediation and permeable reactive biobarriers. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1800-1808.	5.3	37

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109	Assessment of sepiolite as a low-cost adsorbent for phenanthrene and pyrene removal: Kinetic and equilibrium studies. <i>Ecological Engineering</i> , 2014, 70, 287-294.	3.6	37
110	Ionic liquids and non-ionic surfactants: a new marriage for aqueous segregation. <i>RSC Advances</i> , 2014, 4, 32698.	3.6	37
111	Improvement of dye electrochemical treatment by combination with ultrasound technique. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1118-1124.	3.2	36
112	Desorption kinetics of phenanthrene and lead from historically contaminated soil. <i>Chemical Engineering Journal</i> , 2011, 167, 84-90.	12.7	36
113	Coconut flesh: a novel raw material for laccase production by <i>Trametes hirsuta</i> under solid-state conditions.. <i>Journal of Food Engineering</i> , 2005, 71, 208-213.	5.2	35
114	Production of Thermostable Lipolytic Activity by <i>Thermus</i> Species. <i>Biotechnology Progress</i> , 2008, 21, 1198-1205.	2.6	35
115	Effective monitoring of the electro-Fenton degradation of phenolic derivatives by differential pulse voltammetry on multi-walled-carbon nanotubes modified screen-printed carbon electrodes. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 544-550.	20.2	35
116	Heterogeneous Advanced Oxidation Processes: Current Approaches for Wastewater Treatment. <i>Catalysts</i> , 2022, 12, 344.	3.5	35
117	Quantification of intra- and extra-cellular thermophilic lipase/esterase production by <i>Thermus</i> sp.. <i>Biotechnology Letters</i> , 2004, 26, 705-708.	2.2	34
118	Decolourisation of textile indigo dye by DC electric current. <i>Engineering Geology</i> , 2005, 77, 253-261.	6.3	34
119	Enhanced production of laccase activity by <i>Trametes versicolor</i> immobilized into alginate beads by the addition of different inducers. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 367-373.	3.6	34
120	Application of electro-Fenton treatment for the elimination of 1-Butyl-3-methylimidazolium triflate from polluted water. <i>Chemical Engineering Journal</i> , 2017, 318, 19-28.	12.7	34
121	Testing True Choline Ionic Liquid Biocompatibility from a Biotechnological Standpoint. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8302-8309.	6.7	34
122	Iron-doped cathodes for electro-Fenton implementation: Application for pymetrozine degradation. <i>Electrochimica Acta</i> , 2020, 338, 135768.	5.2	34
123	Optimisation of electrochemical decolourisation process of an azo dye, Methyl Orange. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1349-1353.	3.2	33
124	Electrokinetic-Fenton technology for the remediation of hydrocarbons historically polluted sites. <i>Chemosphere</i> , 2016, 156, 347-356.	8.2	33
125	Synthesis of copper coordinated dithiooxamide metal organic framework and its performance assessment in the adsorptive removal of tartrazine from water. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 328-340.	6.7	33
126	Comprehensive solution for acetamiprid degradation: Combined electro-Fenton and adsorption process. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 446-454.	3.8	33

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127	Bridging the gap to hydrochar production and its application into frameworks of bioenergy, environmental and biocatalysis areas. <i>Bioresource Technology</i> , 2021, 320, 124399.	9.6	33
128	On the phase behaviour of polyethoxylated sorbitan (Tween) surfactants in the presence of potassium inorganic salts. <i>Journal of Chemical Thermodynamics</i> , 2012, 55, 151-158.	2.0	32
129	Electro-Fenton decolourization of dyes in batch mode by the use of catalytic activity of iron loaded hydrogels. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1235-1242.	3.2	32
130	Application of a new sandwich of granular activated and fiber carbon as cathode in the electrochemical advanced oxidation treatment of pharmaceutical effluents. <i>Separation and Purification Technology</i> , 2015, 151, 243-250.	7.9	32
131	Scaling-up and ionic liquid-based extraction of pectinases from <i>Aspergillus flavipes</i> cultures. <i>Bioresource Technology</i> , 2017, 225, 326-335.	9.6	32
132	Optimum stability conditions of pH and temperature for ligninase and manganese-dependent peroxidase from <i>Phanerochaete chrysosporium</i> . Application to in vitro decolorization of Poly R-478 by MnP. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 607-612.	3.6	31
133	Coupling electro-Fenton process to a biological treatment, a new methodology for the removal of ionic liquids?. <i>Separation and Purification Technology</i> , 2020, 233, 115990.	7.9	31
134	Enhanced electrokinetic remediation of polluted kaolinite with an azo dye. <i>Electrochimica Acta</i> , 2007, 52, 3393-3398.	5.2	30
135	Polyelectrostatic immobilization of gold nanoparticles-modified peroxidase on alginate-coated gold electrode for mediatorless biosensor construction. <i>Journal of Electroanalytical Chemistry</i> , 2009, 629, 126-132.	3.8	30
136	Degradation of organic pollutants by heterogeneous electro-Fenton process using Mn-alginate composite. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1439-1447.	3.2	30
137	New horizons in the enzymatic production of biodiesel using neoteric solvents. <i>Renewable Energy</i> , 2016, 98, 92-100.	8.9	30
138	New sources of halophilic lipases: Isolation of bacteria from Spanish and Turkish saltworks. <i>Biochemical Engineering Journal</i> , 2016, 109, 170-177.	3.6	30
139	A grey box model of glucose fermentation and syntrophic oxidation in microbial fuel cells. <i>Bioresource Technology</i> , 2016, 200, 396-404.	9.6	30
140	Assessment of LED-assisted electro-Fenton reactor for the treatment of winery wastewater. <i>Chemical Engineering Journal</i> , 2017, 310, 399-406.	12.7	30
141	Utilisation of lignocellulosic wastes for lignin peroxidase production by semi-solid-state cultures of <i>Phanerochaete chrysosporium</i> . <i>Biodegradation</i> , 2001, 12, 283-289.	3.0	29
142	Electrochemical remediation of phenanthrene from contaminated kaolinite. <i>Environmental Geochemistry and Health</i> , 2008, 30, 89-94.	3.4	29
143	Evaluation of Electrokinetic Technique for Industrial Waste Decontamination. <i>Separation Science and Technology</i> , 2009, 44, 2304-2321.	2.5	29
144	Feasibility of Solid-State Fermentation Using Spent Fungi-Substrate in the Biodegradation of PAHs. <i>Clean - Soil, Air, Water</i> , 2013, 41, 610-615.	1.1	29

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145	Chestnut shells to mitigate pesticide contamination. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 61, 166-173.	5.3	29
146	A Sustainable Treatment for Wood Preservation: Enzymatic Grafting of Wood Extractives. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7557-7567.	6.7	29
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294	Comparison of two conditioning schemes for detoxifying SO ₂ - ethanol-water hydrolysate from lignocellulosics for ABE fermentation. <i>Nordic Pulp and Paper Research Journal</i> , 2014, 29, 370-382.	0.7	2
295	Development of an Industrial Microbial System for Chitinolytic Enzymes Production. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 10046-10051.	3.7	1
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298	Fenton Processes for Remediation of Polluted Soils. <i>Environmental Pollution</i> , 2021, , 167-197.	0.4	0