

# Mãngeles Sanromã;n Braga

## List of Publications by Year in descending order

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298  
papers

11,898  
citations

28274

55  
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51608

86  
g-index

304  
all docs

304  
docs citations

304  
times ranked

10496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the pressurized heterogeneous electro-Fenton process and modelling the system. <i>Chemical Engineering Journal</i> , 2022, 431, 133280.	12.7	8
2	Recent Developments in Advanced Oxidation Processes for Organics-Polluted Soil Reclamation. <i>Catalysts</i> , 2022, 12, 64.	3.5	17
3	Heterogeneous Advanced Oxidation Processes: Current Approaches for Wastewater Treatment. <i>Catalysts</i> , 2022, 12, 344.	3.5	35
4	Sustainable regeneration of a honeycomb carbon aerogel used as a high-capacity adsorbent for Fluoxetine removal. <i>Journal of Molecular Liquids</i> , 2022, 357, 119079.	4.9	5
5	Preparation and characterization of high performance hydrochar for efficient adsorption of drugs mixture. <i>Journal of Molecular Liquids</i> , 2022, 353, 118797.	4.9	12
6	Exploring the use of carbon materials as cathodes in electrochemical advanced oxidation processes for the degradation of antibiotics. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107506.	6.7	11
7	Peroxymonosulphate Activation by Basolite® F-300 for Escherichia coli Disinfection and Antipyrine Degradation. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6852.	2.6	5
8	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
9	Fenton Processes for Remediation of Polluted Soils. <i>Environmental Pollution</i> , 2021, , 167-197.	0.4	0
10	Life Cycle and Economic Analyses of the Removal of Pesticides and Pharmaceuticals from Municipal Wastewater by Anodic Oxidation. <i>Sustainability</i> , 2021, 13, 3669.	3.2	7
11	Prospects on integrated electrokinetic systems for decontamination of soil polluted with organic contaminants. <i>Current Opinion in Electrochemistry</i> , 2021, 27, 100692.	4.8	10
12	Towards a more realistic heterogeneous electro-Fenton. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115475.	3.8	14
13	Eco-approach for pharmaceutical removal: Thermochemical waste valorisation, biochar adsorption and electro-assisted regeneration. <i>Electrochimica Acta</i> , 2021, 389, 138694.	5.2	12
14	Kinetic and thermodynamic study of laccase cross-linked onto glyoxyl Immobead 150P carrier: Characterization and application for beechwood biografting. <i>Enzyme and Microbial Technology</i> , 2021, 150, 109865.	3.2	10
15	Designing novel biocompatible oligopeptide-based ionic liquids for greener downstream processes. <i>Journal of Cleaner Production</i> , 2021, 279, 123356.	9.3	10
16	Heterogeneous Electro-Fenton as "Green" Technology for Pharmaceutical Removal: A Review. <i>Catalysts</i> , 2021, 11, 85.	3.5	40
17	Heterogeneous Electro-Fenton-like Designs for the Disposal of 2-Phenylphenol from Water. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12103.	2.5	7
18	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

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19	Bifunctional floating catalyst for enhancing the synergistic effect of LED-photolysis and electro-Fenton process. <i>Separation and Purification Technology</i> , 2020, 230, 115880.	7.9	6
20	Prompt removal of antibiotic by adsorption/electro-Fenton degradation using an iron-doped perlite as heterogeneous catalyst. <i>Chemical Engineering Research and Design</i> , 2020, 144, 100-110.	5.6	29
21	Iron-Loaded Catalytic Silicate Adsorbents: Synthesis, Characterization, Electroregeneration and Application for Continuous Removal of 1-Butylpyridinium Chloride. <i>Catalysts</i> , 2020, 10, 950.	3.5	2
22	Unravelling the Environmental Application of Biochar as Low-Cost Biosorbent: A Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7810.	2.5	44
23	Equilibrium Study, Modeling and Optimization of Model Drug Adsorption Process by Sunflower Seed Shells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3271.	2.5	4
24	Ultrasonic processes for the advanced remediation of contaminated sediments. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105171.	8.2	7
25	Potential of cholinium glycinate for the extraction of extremophilic lipolytic biocatalysts. <i>Separation and Purification Technology</i> , 2020, 248, 117008.	7.9	7
26	Removal of sulfamethoxazole and methylparaben using hydrocolloid and fiber industry wastes: Comparison with biochar and laccase-biocomposite. <i>Journal of Cleaner Production</i> , 2020, 271, 122436.	9.3	26
27	Cholinium dipeptide as the cornerstone to build promising separation processes: A simultaneous recovery strategy for microalgae biorefineries. <i>Separation and Purification Technology</i> , 2020, 250, 117288.	7.9	7
28	Differential pulse voltammetry as a powerful tool to monitor the electro-Fenton process. <i>Electrochimica Acta</i> , 2020, 354, 136740.	5.2	8
29	Pre-concentration by natural adsorbent as plausible tool for effective electro-Fenton removal of micropollutants. <i>Separation and Purification Technology</i> , 2020, 241, 116676.	7.9	4
30	Environmental application of monolithic carbonaceous aerogels for the removal of emerging pollutants. <i>Chemosphere</i> , 2020, 248, 125995.	8.2	14
31	Iron-doped cathodes for electro-Fenton implementation: Application for pymetrozine degradation. <i>Electrochimica Acta</i> , 2020, 338, 135768.	5.2	34
32	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
33	Electro-assisted activation of peroxymonosulfate by iron-based minerals for the degradation of 1-butyl-1-methylpyrrolidinium chloride. <i>Separation and Purification Technology</i> , 2019, 208, 34-41.	7.9	29
34	Double benefit of electrochemical techniques: Treatment and electroanalysis for remediation of water polluted with organic compounds. <i>Electrochimica Acta</i> , 2019, 320, 134628.	5.2	20
35	Setting the Foundations of Aqueous Three-Phase Systems (A3PS) in the Quest for a Rational Design. <i>ChemPhysChem</i> , 2019, 20, 3311-3321.	2.1	3
36	Sulfate Radicals-Based Technology as a Promising Strategy for Wastewater. <i>Water (Switzerland)</i> , 2019, 11, 1695.	2.7	8

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37	Sketching a Suitable Immobilization Strategy for Ionic Liquid Removal in a Fixed-Bed Bioreactor. ACS Sustainable Chemistry and Engineering, 2019, 7, 4307-4314.	6.7	3
38	Sustainable Removal of Cr(VI) by Lime Peel and Pineapple Core Wastes. Applied Sciences (Switzerland), 2019, 9, 1967.	2.5	15
39	Surfactant-assisted disruption and extraction for carotenoid production from a novel Dunaliella strain. Separation and Purification Technology, 2019, 223, 243-249.	7.9	12
40	Homogeneous and heterogeneous peroxymonosulfate activation by transition metals for the degradation of industrial leather dye. Journal of Cleaner Production, 2019, 228, 222-230.	9.3	82
41	Selecting the best piping arrangement for scaling-up an annular channel reactor: An experimental and computational fluid dynamics study. Science of the Total Environment, 2019, 667, 821-832.	8.0	25
42	Design of eco-friendly aqueous two-phase systems for the efficient extraction of industrial finishing dyes. Journal of Molecular Liquids, 2019, 284, 625-632.	4.9	28
43	Suitability of dihydrogen phosphate anion to salt out cholinium-based ionic liquids. Journal of Chemical Thermodynamics, 2019, 133, 143-150.	2.0	5
44	Synthesis of magnetic-photo-Fenton catalyst for degradation of emerging pollutant. Catalysis Today, 2019, 328, 267-273.	4.4	12
45	New approaches on the agrochemicals degradation by UV oxidation processes. Chemical Engineering Journal, 2019, 376, 120026.	12.7	15
46	Heterogeneous electro-Fenton catalyst for 1-butylpyridinium chloride degradation. Environmental Science and Pollution Research, 2019, 26, 3145-3156.	5.3	26
47	Comprehensive strategy for the degradation of anti-inflammatory drug diclofenac by different advanced oxidation processes. Separation and Purification Technology, 2019, 208, 130-141.	7.9	40
48	A step forward in heterogeneous photocatalysis: Process intensification by using a static mixer as catalyst support. Chemical Engineering Journal, 2018, 343, 597-606.	12.7	57
49	Current advances and trends in electro-Fenton process using heterogeneous catalysts " A review. Chemosphere, 2018, 201, 399-416.	8.2	270
50	Electro-Fenton process for implementation of acid black liquor waste treatment. Science of the Total Environment, 2018, 635, 397-404.	8.0	23
51	Optimization of photo-Fenton process for the treatment of prednisolone. Environmental Science and Pollution Research, 2018, 25, 27768-27782.	5.3	20
52	Heterogeneous electro-Fenton as plausible technology for the degradation of imidazolium-based ionic liquids. Chemosphere, 2018, 199, 68-75.	8.2	23
53	Kaolinite adsorption-regeneration system for dyestuff treatment by Fenton based processes. Science of the Total Environment, 2018, 622-623, 556-562.	8.0	46
54	Solid-State Fermentation for Food Applications. , 2018, , 319-355.		10

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55	Evaluation of different cathodes and reaction parameters on the enhancement of the electro-Fenton process. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 455-463.	3.8	29
56	Comprehensive solution for acetamiprid degradation: Combined electro-Fenton and adsorption process. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 446-454.	3.8	33
57	An effective electroanalytical approach for the monitoring of electroactive dyes and intermediate products formed in electro-Fenton treatment. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 403-411.	3.8	22
58	Fenton-based processes for the regeneration of catalytic adsorbents. <i>Catalysis Today</i> , 2018, 313, 122-127.	4.4	21
59	Salting out potential of cholinium dihydrogen citrate in aqueous solution of Triton surfactants. <i>Journal of Chemical Thermodynamics</i> , 2018, 118, 235-243.	2.0	17
60	Highly active based iron-carbonaceous cathodes for heterogeneous electro-Fenton process: Application to degradation of parabens. <i>Chemical Engineering Research and Design</i> , 2018, 117, 363-371.	5.6	21
61	Demonstrating the viability of halolipase production at a mechanically stirred tank biological reactor. <i>Bioresource Technology</i> , 2018, 263, 334-339.	9.6	3
62	Green Binder Based on Enzymatically Polymerized Eucalypt Kraft Lignin for Fiberboard Manufacturing: A Preliminary Study. <i>Polymers</i> , 2018, 10, 642.	4.5	24
63	Towards sustainable removal of methylthioninium chloride by using adsorption-electroradical regeneration. <i>Chemosphere</i> , 2018, 210, 476-485.	8.2	5
64	Liquid-liquid demixing of Tergitol solutions by sodium salts. <i>Journal of Chemical Thermodynamics</i> , 2018, 126, 111-118.	2.0	3
65	Electroanalytical techniques applied to monitoring the electro-Fenton degradation of aromatic imidazolium-based ionic liquids. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 1331-1341.	2.9	12
66	Soil flushing and simultaneous degradation of organic pollutants in soils by electrokinetic-Fenton treatment. <i>Chemical Engineering Research and Design</i> , 2017, 108, 99-107.	5.6	28
67	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
68	Increasing the Greenness of Lignocellulosic Biomass Biorefining Processes by Means of Biocompatible Separation Strategies. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3339-3345.	6.7	11
69	Enzymatic grafting of kraft lignin as a wood bio-protection strategy. Part 1: factors affecting the process. <i>Holzforschung</i> , 2017, 71, 681-687.	1.9	10
70	Enzymatic grafting of kraft lignin as a wood bio-protection strategy. Part 2: effectiveness against wood destroying basidiomycetes. Effect of copper entrapment. <i>Holzforschung</i> , 2017, 71, 689-695.	1.9	11
71	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
72	Degradation of Adsorbed Azo Dye by Solid-State Fermentation: Improvement of Culture Conditions, a Kinetic Study, and Rotating Drum Bioreactor Performance. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	17

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73	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
74	Unravelling the suitability of biological induction for halophilic lipase production by <i>Halomonas</i> sp. LM1C cultures. <i>Bioresource Technology</i> , 2017, 239, 368-377.	9.6	23
75	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
76	Immobilization of laccase of <i>Pycnoporus sanguineus</i> CS43. <i>New Biotechnology</i> , 2017, 39, 141-149.	4.4	38
77	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
78	Removal of polyvinylamine sulfonate anthrapyridone dye by application of heterogeneous electro-Fenton process. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18309-18319.	5.3	17
79	Testing True Choline Ionic Liquid Biocompatibility from a Biotechnological Standpoint. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8302-8309.	6.7	34
80	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
81	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
82	Special Issue on Biochar: Production, Characterization and Applications “Beyond Soil Applications. <i>Bioresource Technology</i> , 2017, 246, 1.	9.6	11
83	Sequential two-column electro-Fenton-photolytic reactor for the treatment of winery wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1137-1151.	5.3	8
84	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
85	Aqueous two-phase systems containing imidazolium ionic liquids and a Tween surfactant. <i>Journal of Chemical Thermodynamics</i> , 2017, 105, 209-216.	2.0	13
86	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
87	Contriving to selectively separate drugs with a hydrophilic ionic liquid. <i>Separation and Purification Technology</i> , 2017, 174, 29-38.	7.9	17
88	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
89	Electrokinetic-Fenton technology for the remediation of hydrocarbons historically polluted sites. <i>Chemosphere</i> , 2016, 156, 347-356.	8.2	33
90	New horizons in the enzymatic production of biodiesel using neoteric solvents. <i>Renewable Energy</i> , 2016, 98, 92-100.	8.9	30

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91	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
92	Elimination of radiocontrast agent diatrizoic acid by photo-Fenton process and enhanced treatment by coupling with electro-Fenton process. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19134-19144.	5.3	17
93	Elimination of radiocontrast agent Diatrizoic acid from water by electrochemical advanced oxidation: Kinetics study, mechanism and mineralization pathway. <i>Journal of Electroanalytical Chemistry</i> , 2016, 772, 1-8.	3.8	26
94	Electrocoagulation: Simply a Phase Separation Technology? The Case of Bronopol Compared to Its Treatment by EAOPs. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7679-7686.	10.0	53
95	Coated nickel foam electrode for the implementation of continuous electro-Fenton treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 685-692.	3.2	15
96	<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
97	Electro-Fenton treatment of imidazolium-based ionic liquids: kinetics and degradation pathways. <i>RSC Advances</i> , 2016, 6, 1958-1965.	3.6	40
98	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
99	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
100	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
101	Chestnut shells to mitigate pesticide contamination. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 61, 166-173.	5.3	29
102	Removal of metal and organic pollutants from wastewater by a sequential selective technique. <i>Bioresource Technology</i> , 2016, 213, 2-10.	9.6	10
103	Microbial Adaptation to Ionic Liquids Increases the Ability to Treat Contaminants. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1637-1642.	6.7	7
104	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
105	Optimization of two-chamber photo electro Fenton reactor for the treatment of winery wastewater. <i>Chemical Engineering Research and Design</i> , 2016, 101, 72-79.	5.6	18
106	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
107	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
108	An Inert Ionic Liquid-Based System for Ascertaining Electrolyte Diffusivity in Protective Coatings. <i>Corrosion</i> , 2015, 71, 259-266.	1.1	3



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109	Preliminary testing and design of permeable bioreactive barrier for phenanthrene degradation by <i>Pseudomonas stutzeri</i> CECT 930 immobilized in hydrogel matrices. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 500-506.	3.2	23
110	Enhanced selective metal adsorption on optimised agroforestry waste mixtures. <i>Bioresource Technology</i> , 2015, 182, 41-49.	9.6	49
111	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
112	Removal of PAHs and pesticides from polluted soils by enhanced electrokinetic-Fenton treatment. <i>Chemosphere</i> , 2015, 125, 168-174.	8.2	70
113	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
114	Aqueous immiscibility of cholinium chloride ionic liquid and Triton surfactants. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 86-93.	2.0	27
115	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
116	Triggering phase disengagement of 1-alkyl-3-methylimidazolium chloride ionic liquids by using inorganic and organic salts. <i>Journal of Chemical Thermodynamics</i> , 2015, 88, 1-7.	2.0	7
117	Scale-up of removal process using a remediating-bacterium isolated from marine coastal sediment. <i>RSC Advances</i> , 2015, 5, 36665-36672.	3.6	5
118	New approaches on heterogeneous electro-Fenton treatment of winery wastewater. <i>Electrochimica Acta</i> , 2015, 169, 134-141.	5.2	60
119	Effective heterogeneous electro-Fenton process of m-cresol with iron loaded activated carbon. <i>RSC Advances</i> , 2015, 5, 31049-31056.	3.6	56
120	Ionic liquids for the concomitant use in extremophiles lysis and extremozymes extraction. <i>Bioresource Technology</i> , 2015, 186, 303-308.	9.6	10
121	Microbial adaptation to ionic liquids. <i>RSC Advances</i> , 2015, 5, 17379-17382.	3.6	20
122	Simultaneous biotreatment of Polycyclic Aromatic Hydrocarbons and dyes in a one-step bioreaction by an acclimated <i>Pseudomonas</i> strain. <i>Bioresource Technology</i> , 2015, 198, 181-188.	9.6	13
123	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
124	A biocompatible stepping stone for the removal of emerging contaminants. <i>Separation and Purification Technology</i> , 2015, 153, 91-98.	7.9	38
125	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
126	Wood Hydrophobization by Laccase-Assisted Grafting of Lauryl Gallate. <i>Journal of Wood Chemistry and Technology</i> , 2015, 35, 156-165.	1.7	11



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127	On the hunt for truly biocompatible ionic liquids for lipase-catalyzed reactions. <i>RSC Advances</i> , 2015, 5, 3386-3389.	3.6	54
128	Insights into polyaromatic hydrocarbon biodegradation by <i>Pseudomonas stutzeri</i> CECT 930: operation at bioreactor scale and metabolic pathways. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1243-1252.	3.5	23
129	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
130	Application of Electro-Fenton Technology to Remediation of Polluted Effluents by Self-Sustaining Process. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	11
131	Ionic liquids improve the anticorrosion performance of Zn-rich coatings. <i>RSC Advances</i> , 2014, 4, 59587-59593.	3.6	12
132	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
133	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
134	Phase segregation in aqueous solutions of non-ionic surfactants using ammonium, magnesium and iron salts. <i>Journal of Chemical Thermodynamics</i> , 2014, 70, 147-153.	2.0	14
135	Potential of laccase for modification of <i>Eucalyptus globulus</i> wood: a XPS study. <i>Wood Science and Technology</i> , 2014, 48, 151-160.	3.2	11
136	Stability and kinetic behavior of immobilized laccase from <i>Myceliophthora thermophila</i> in the presence of the ionic liquid 1-ethyl-3-methylimidazolium ethylsulfate. <i>Biotechnology Progress</i> , 2014, 30, 790-796.	2.6	19
137	Surfactant-Enhanced Solubilization and Simultaneous Degradation of Phenanthrene in Marine Sediment by Electro-Fenton Treatment. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 2917-2923.	3.7	42
138	Hybrid sequential treatment of aromatic hydrocarbon-polluted effluents using non-ionic surfactants as solubilizers and extractants. <i>Bioresource Technology</i> , 2014, 162, 259-265.	9.6	12
139	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
140	Box-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
141	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
142	Influence of the addition of Tween 20 on the phase behaviour of ionic liquids-based aqueous systems. <i>Journal of Chemical Thermodynamics</i> , 2014, 79, 178-183.	2.0	4
143	Environmentally Benign Sequential Extraction of Heavy Metals from Marine Sediments. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 8615-8620.	3.7	27
144	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

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145	Ionic liquids and non-ionic surfactants: a new marriage for aqueous segregation. RSC Advances, 2014, 4, 32698.	3.6	37
146	Electro-Fenton oxidation of imidacloprid by Fe alginate gel beads. Applied Catalysis B: Environmental, 2014, 144, 416-424.	20.2	99
147	Efficient biosynthesis of a chitinase from <i>Halobacterium salinarum</i> expressed in <i>Escherichia coli</i> . Journal of Chemical Technology and Biotechnology, 2014, 89, 1653-1659.	3.2	3
148	Comparison of two conditioning schemes for detoxifying SO <sub>2</sub> - ethanol-water hydrolysate from lignocellulosics for ABE fermentation. Nordic Pulp and Paper Research Journal, 2014, 29, 370-382.	0.7	2
149	Recent developments and applications of immobilized laccase. Biotechnology Advances, 2013, 31, 1808-1825.	11.7	513
150	Approaching chlorpyrifos bioelimination at bench scale bioreactor. Bioprocess and Biosystems Engineering, 2013, 36, 1303-1309.	3.4	10
151	Assessment of <i>Arthrobacter viscosus</i> as reactive medium for forming permeable reactive biobarrier applied to PAHs remediation. Environmental Science and Pollution Research, 2013, 20, 7348-7354.	5.3	13
152	Using iron-loaded sepiolite obtained by adsorption as a catalyst in the electro-Fenton oxidation of Reactive Black 5. Environmental Science and Pollution Research, 2013, 20, 5983-5993.	5.3	47
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