Paula M L Castro

List of Publications by Year
in descending order

211 papers	9,029 citations	36303 51 h-index	54911 84 g-index
214 all docs	214 docs citations	214 times ranked	10042 citing authors

#	Article	IF	Citations
1	Biological removal processes in aerobic granular sludge exposed to diclofenac. Environmental Technology (United Kingdom), 2022, 43, 3295-3308.	2.2	2
2	Cultivable microalgae diversity from a freshwater aquaculture filtering system and its potential for polishing aquacultureâ€derived water streams. Journal of Applied Microbiology, 2022, 132, 1543-1556.	3.1	2
3	Remediation of metal-contaminated mine tailings by the application of organic and mineral amendments. Journal of Soils and Sediments, 2022, 22, 482-495.	3.0	10
4	Valorization of wastewater from food industry: moving to a circular bioeconomy. Reviews in Environmental Science and Biotechnology, 2022, 21, 269-295.	8.1	12
5	Treatment of saline wastewater amended with endocrine disruptors by aerobic granular sludge: Assessing performance and microbial community dynamics. Journal of Environmental Chemical Engineering, 2022, 10, 107272.	6.7	7
6	Actinobacteria isolated from wastewater treatment plants located in the east-north of Algeria able to degrade pesticides. World Journal of Microbiology and Biotechnology, 2022, 38, 105.	3.6	3
7	Harnessing agricultural microbiomes for human pathogen control. ISME Communications, 2022, 2, .	4.2	8
8	Biodegradation and Metabolic Pathway of 17Î²-Estradiol by Rhodococcus sp. ED55. International Journal of Molecular Sciences, 2022, 23, 6181.	4.1	5
9	Iron metabolism in soybean grown in calcareous soil is influenced by plant growth-promoting rhizobacteria â€“ A functional analysis. Rhizosphere, 2021, 17, 100274.	3.0	10
10	Long-term stability of a non-adapted aerobic granular sludge process treating fish canning wastewater associated to EPS producers in the core microbiome. Science of the Total Environment, 2021, 756, 144007.	8.0	33
11	COVID-19: the impact of a global crisis on sustainable development research. Sustainability Science, 2021, 16, 85-99.	4.9	46
12	Simultaneous nitrification and phosphate removal by bioaugmented aerobic granules treating a fluoroorganic compound. Water Science and Technology, 2021, 83, 2404-2413.	2.5	0
13	A Two-Stage Process for Conversion of Brewerâ€™s Spent Grain into Volatile Fatty Acids through Acidogenic Fermentation. Applied Sciences (Switzerland), 2021, 11, 3222.	2.5	14
14	Spatial-Temporal Changes in Removal of Fecal Indicators and Diversity of Bacterial Communities in a Constructed Wetland with Ornamental Plants. Applied Sciences (Switzerland), 2021, 11, 3875.	2.5	3
15	Increased extracellular polymeric substances production contributes for the robustness of aerobic granular sludge during long-term intermittent exposure to 2-fluorophenol in saline wastewater. Journal of Water Process Engineering, 2021, 40, 101977.	5.6	18
16	Sediments in the mangrove areas contribute to the removal of endocrine disrupting chemicals in coastal sediments of Macau SAR, China, and harbour microbial communities capable of degrading E2, EE2, BPA and BPS. Biodegradation, 2021, 32, 511-529.	3.0	9
17	Assessment of an aerobic granular sludge system in the presence of pharmaceutically active compounds by quantitative image analysis and chemometric techniques. Journal of Environmental Management, 2021, 289, 112474.	7.8	9
18	Recovered granular sludge extracellular polymeric substances as carrier for bioaugmentation of granular sludge reactor. Chemosphere, 2021, 275, 130037.	8.2	6

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19	Phytomanagement of Metal(loid)-Contaminated Soils: Options, Efficiency and Value. Frontiers in Environmental Science, 2021, 9, .	3.3	17
20	Sequencing versus continuous granular sludge reactor for the treatment of freshwater aquaculture effluents. Water Research, 2021, 201, 117293.	11.3	20
21	High Carbon Load in Food Processing Industrial Wastewater is a Driver for Metabolic Competition in Aerobic Granular Sludge. Frontiers in Environmental Science, 2021, 9, .	3.3	4
22	Quantitative image analysis as a robust tool to assess effluent quality from an aerobic granular sludge system treating industrial wastewater. Chemosphere, 2021, , 132773.	8.2	2
23	Recent Advances in Phytoremediation of Soil Contaminated by Industrial Waste: A Road Map to a Safer Environment. , 2020, , 207-221.		7
24	Sludge volume index and suspended solids estimation of mature aerobic granular sludge by quantitative image analysis and chemometric tools. Separation and Purification Technology, 2020, 234, 116049.	7.9	24
25	Do metal contamination and plant species affect microbial abundance and bacterial diversity in the rhizosphere of metallophytes growing in mining areas in a semiarid climate?. Journal of Soils and Sediments, 2020, 20, 1003-1017.	3.0	10
26	Synergistic effects of arbuscular mycorrhizal fungi and plant growth-promoting bacteria benefit maize growth under increasing soil salinity. Journal of Environmental Management, 2020, 257, 109982.	7.8	88
27	Pisolithus. , 2020, , 707-726.		1
28	Variability in the composition of extracellular polymeric substances from a full-scale aerobic granular sludge reactor treating urban wastewater. Journal of Environmental Chemical Engineering, 2020, 8, 104156.	6.7	29
29	Quantification of fluoroquinolones in wastewaters by liquid chromatography-tandem mass spectrometry. Environmental Pollution, 2020, 259, 113927.	7.5	42
30	Does public awareness about invasive plants pays off? An analysis of knowledge and perceptions of environmentally aware citizens in Portugal. Biological Invasions, 2020, 22, 2267-2281.	2.4	32
31	Legume Biofortification and the Role of Plant Growth-Promoting Bacteria in a Sustainable Agricultural Era. Agronomy, 2020, 10, 435.	3.0	30
32	Effects of soil sterilization and metal spiking in plant growth promoting rhizobacteria selection for phytotechnology purposes. Geoderma, 2019, 334, 72-81.	5.1	32
33	Carbamazepine is degraded by the bacterial strain Labrys portucalensis F11. Science of the Total Environment, 2019, 690, 739-747.	8.0	39
34	Diverse Arbuscular Mycorrhizal Fungi (AMF) Communities Colonize Plants Inhabiting a Constructed Wetland for Wastewater Treatment. Water (Switzerland), 2019, 11, 1535.	2.7	23
35	Toxicity Abatement of Wastewaters from Tourism Units by Constructed Wetlands. Water (Switzerland), 2019, 11, 2623.	2.7	11
36	Soil organic matter rather than ectomycorrhizal diversity is related to urban tree health. PLoS ONE, 2019, 14, e0225714.	2.5	8

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37	Trace and major element contents, microbial communities, and enzymatic activities of urban soils of Marrakech city along an anthropization gradient. Journal of Soils and Sediments, 2019, 19, 2153-2165.	3.0	24
38	Enantioselective degradation of ofloxacin and levofloxacin by the bacterial strains Labrys portucalensis F11 and Rhodococcus sp. FP1. Ecotoxicology and Environmental Safety, 2018, 155, 144-151.	6.0	32
39	Biodegradation of Diclofenac by the bacterial strain Labrys portucalensis F11. Ecotoxicology and Environmental Safety, 2018, 152, 104-113.	6.0	94
40	Plant Growthâ€“Promoting Rhizobacteria-Assisted Phytoremediation of Mine Soils. , 2018, , 281-295.		38
41	Performance of Quercus suber L. at nursery stageâ€”application of two bio-inoculants under two distinct environments. Annals of Forest Science, 2018, 75, 1.	2.0	6
42	Culturable bacteria associated to the rhizosphere and tissues of Iris pseudacorus plants growing in a treatment wetland for winery wastewater discharge. Ecological Engineering, 2018, 115, 67-74.	3.6	14
43	Wastewater Valorization by Pure Bacterial Cultures to Extracellular Polymeric Substances (EPS) with High Emulsifying Potential and Flocculation Activities. Waste and Biomass Valorization, 2018, 9, 2557-2564.	3.4	14
44	Bacterial community dynamics within an aerobic granular sludge reactor treating wastewater loaded with pharmaceuticals. Ecotoxicology and Environmental Safety, 2018, 147, 905-912.	6.0	49
45	Strategies for Biodegradation of Fluorinated Compounds. Nanotechnology in the Life Sciences, 2018, , 239-280.	0.6	5
46	Photocatalytic Degradation of Diclofenac by Hydroxyapatiteâ€“TiO2 Composite Material: Identification of Transformation Products and Assessment of Toxicity. Materials, 2018, 11, 1779.	2.9	41
47	The effect of fungal-bacterial interaction on the phenolic profile of Pinus pinea L.. Plant Growth Regulation, 2018, 86, 465-475.	3.4	4
48	Variation in ectomycorrhizal fungal communities associated with Silver linden (Tilia tomentosa) within and across urban areas. FEMS Microbiology Ecology, 2018, 94, .	2.7	8
49	Vegetation reflectance spectroscopy for biomonitoring of heavy metal pollution in urban soils. Environmental Pollution, 2018, 243, 1912-1922.	7.5	31
50	Sardine Canning Byproducts as Sources of Functional Ingredients. ACS Sustainable Chemistry and Engineering, 2018, 6, 15447-15454.	6.7	6
51	Mapping the Flowering of an Invasive Plant Using Unmanned Aerial Vehicles: Is There Potential for Biocontrol Monitoring?. Frontiers in Plant Science, 2018, 9, 293.	3.6	52
52	A sustainable replacement for TiO2 in photocatalyst construction materials: Hydroxyapatite-based photocatalytic additives, made from the valorisation of food wastes of marine origin. Journal of Cleaner Production, 2018, 193, 115-127.	9.3	22
53	Foliar optical traits indicate that sealed planting conditions negatively affect urban tree health. Ecological Indicators, 2018, 95, 895-906.	6.3	6
54	Metal(loid)-Contaminated Soils as a Source of Culturable Heterotrophic Aerobic Bacteria for Remediation Applications. Geomicrobiology Journal, 2017, 34, 760-768.	2.0	44

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55	Growing substrates for aromatic plant species in green roofs and water runoff quality: pilot experiments in a Mediterranean climate. Water Science and Technology, 2017, 76, 1081-1089.	2.5	12
56	Simultaneous partial nitrification and 2-fluorophenol biodegradation with aerobic granular biomass: Reactor performance and microbial communities. Bioresource Technology, 2017, 238, 232-240.	9.6	21
57	Phytomining of Rare and Valuable Metals. , 2017, , 469-486.		20
58	Water masses surface temperatures assessment and their effect on surrounding environment. Water Science and Technology, 2017, 75, 2916-2925.	2.5	1
59	Substrate influence on aromatic plant growth in extensive green roofs in a Mediterranean climate. Urban Ecosystems, 2017, 20, 1347-1357.	2.4	16
60	Chiral Analysis of Pesticides and Drugs of Environmental Concern: Biodegradation and Enantiomeric Fraction. Symmetry, 2017, 9, 196.	2.2	39
61	MALDI-TOF MS for the Identification of Cultivable Organic-Degrading Bacteria in Contaminated Groundwater near Unconventional Natural Gas Extraction Sites. Microorganisms, 2017, 5, 47.	3.6	15
62	Aerobic Granular Sludge. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 231-263.	0.4	2
63	Development of a low pressure chromatographic flow system for monitoring the biodegradation of ofloxacin and ciprofloxacin. Analytical Methods, 2016, 8, 5457-5465.	2.7	1
64	Contributions to the design of rainwater harvesting systems in buildings with green roofs in a Mediterranean climate. Water Science and Technology, 2016, 73, 1842-1847.	2.5	26
65	Conservation of Biological Resources: Why Does It Matter?. World Sustainability Series, 2016, , 13-28.	0.4	0
66	Promotion of sunflower growth under saline water irrigation by the inoculation of beneficial microorganisms. Applied Soil Ecology, 2016, 105, 36-47.	4.3	36
67	Treatment of a simulated wastewater amended with a chiral pharmaceuticals mixture by an aerobic granular sludge sequencing batch reactor. International Biodeterioration and Biodegradation, 2016, 115, 277-285.	3.9	57
68	Integrated liquid chromatography method in enantioselective studies: Biodegradation of ofloxacin by an activated sludge consortium. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1029-1030, 174-183.	2.3	29
69	Selection of metal resistant plant growth promoting rhizobacteria for the growth and metal accumulation of energy maize in a mine soil â€" Effect of the inoculum size. Geoderma, 2016, 278, 1-11.	5.1	36
70	Fluoroquinolones biosorption onto microbial biomass: activated sludge and aerobic granular sludge. International Biodeterioration and Biodegradation, 2016, 110, 53-60.	3.9	54
71	Mine land valorization through energy maize production enhanced by the application of plant growth-promoting rhizobacteria and arbuscular mycorrhizal fungi. Environmental Science and Pollution Research, 2016, 23, 6940-6950.	5.3	50
72	The relevance of physical forces on land-use change and planning process. Journal of Environmental Planning and Management, 2016, 59, 607-627.	4.5	10

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73	CHIRAL PHARMACEUTICALS IN DIVERSE ENVIRONMENTAL MATRICES: OCCURRENCE, REMOVAL AND TOXICITY. Quimica Nova, 2016, , .	0.3	1
74	Removal of fluoxetine and its effects in the performance of an aerobic granular sludge sequential batch reactor. Journal of Hazardous Materials, 2015, 287, 93-101.	12.4	49
75	Titanium Dioxide Thin Films Deposited by Electric Fieldâ€Assisted CVD: Effect on Antimicrobial and Photocatalytic Properties^{**}. Chemical Vapor Deposition, 2015, 21, 63-70.	1.3	19
76	Inoculation of Pinus pinea seedlings with Pisolithus tinctorius and Suillus bellinii promotes plant growth in benfluralin contaminated soil. Plant and Soil, 2015, 386, 113-123.	3.7	5
77	Dispersive liquidâ€“liquid microextraction and HPLC to analyse fluoxetine and metoprolol enantiomers in wastewaters. Environmental Chemistry Letters, 2015, 13, 203-210.	16.2	19
78	Characterization of the bacterial communities of aerobic granules in a 2-fluorophenol degrading process. Biotechnology Reports (Amsterdam, Netherlands), 2015, 5, 98-104.	4.4	11
79	The response of Betula pubescens to inoculation with an ectomycorrhizal fungus and a plant growth promoting bacterium is substrate-dependent. Ecological Engineering, 2015, 81, 439-443.	3.6	9
80	Constructed wetland with a polyculture of ornamental plants for wastewater treatment at a rural tourism facility. Ecological Engineering, 2015, 79, 1-7.	3.6	74
81	Assessment of rhizospheric culturable bacteria of Phragmites australis and Juncus effusus from polluted sites. Journal of Basic Microbiology, 2015, 55, 1179-1190.	3.3	12
82	Effect of benfluralin on Pinus pinea seedlings mycorrhized with Pisolithus tinctorius and Suillus bellinii â€“ Study of plant antioxidant response. Chemosphere, 2015, 120, 422-430.	8.2	4
83	Diversity and Persistence of Ectomycorrhizal Fungi and Their Effect on Nursery-Inoculated Pinus pinaster in a Post-fire Plantation in Northern Portugal. Microbial Ecology, 2014, 68, 761-772.	2.8	18
84	In vitro intestinal absorption of amino acid mixtures extracted from codfish (Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 27-33.	2.7	4
85	Characterization and antimicrobial properties of food packaging methylcellulose films containing stem extract of Ginja cherry. Journal of the Science of Food and Agriculture, 2014, 94, 2097-2103.	3.5	21
86	Kinetics of Release of Water and Nutrients from Codfish (G adus morhua â€...L.) through a Heavy-Salting. Journal of Food Processing and Preservation, 2014, 38, 1772-1778.	2.0	0
87	Valuing native ectomycorrhizal fungi as a Mediterranean forestry component for sustainable and innovative solutions. Botany, 2014, 92, 161-171.	1.0	30
88	A genotype dependent-response to cadmium contamination in soil is displayed by Pinus pinaster in symbiosis with different mycorrhizal fungi. Applied Soil Ecology, 2014, 76, 7-13.	4.3	33
89	Reclamation of an abandoned burned forest using ectomycorrhizal inoculated Quercus rubra. Forest Ecology and Management, 2014, 320, 50-55.	3.2	10
90	Mineralization of 4-fluorocinnamic acid by a Rhodococcus strain. Applied Microbiology and Biotechnology, 2014, 98, 1893-1905.	3.6	13

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91	Constructed Wetlands for Tannery Wastewater Treatment in Portugal: Ten Years of Experience. International Journal of Phytoremediation, 2014, 16, 859-870.	3.1	31
92	Bacterial community dynamics in a rotating biological contactor treating 2-fluorophenol-containing wastewater. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 97-104.	3.0	12
93	Biodegradation of ofloxacin, norfloxacin, and ciprofloxacin as single and mixed substrates by Labrys portucalensis F11. Applied Microbiology and Biotechnology, 2014, 98, 3181-3190.	3.6	149
94	Degradation of fluoroquinolone antibiotics and identification of metabolites/transformation products by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2014, 1333, 87-98.	3.7	96
95	Phytomanagement of Cd-contaminated soils using maize (Zea mays L.) assisted by plant growth-promoting rhizobacteria. Environmental Science and Pollution Research, 2014, 21, 9742-9753.	5.3	76
96	Enantioselective biodegradation of fluoxetine by the bacterial strain Labrys portucalensis F11. Chemosphere, 2014, 111, 103-111.	8.2	48
97	Enantioselective quantification of fluoxetine and norfluoxetine by HPLC in wastewater effluents. Chemosphere, 2014, 95, 589-596.	8.2	47
98	Performance of aerobic granular sludge in a sequencing batch bioreactor exposed to ofloxacin, norfloxacin and ciprofloxacin. Water Research, 2014, 50, 101-113.	11.3	197
99	Recovery of free amino acids and muscle proteins from codfish (Gadus morhua L.) salting wastewater by sorption on Amberlite <scp>XAD16</scp>. Journal of Chemical Technology and Biotechnology, 2014, 89, 671-681.	3.2	6
100	Phosphate-solubilizing rhizobacteria enhance Zea mays growth in agricultural P-deficient soils. Ecological Engineering, 2014, 73, 526-535.	3.6	123
101	Enantiomeric fraction evaluation of pharmaceuticals in environmental matrices by liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2014, 1363, 226-235.	3.7	52
102	Co-metabolic degradation of mono-fluorophenols by the ectomycorrhizal fungi Pisolithus tinctorius. Chemosphere, 2014, 111, 260-265.	8.2	20
103	Chemical composition and antibacterial properties of stem and leaf extracts from Ginja cherry plant. Industrial Crops and Products, 2013, 43, 562-569.	5.2	28
104	Effect of diflubenzuron on the development of Pinus pinaster seedlings inoculated with the ectomycorrhizal fungus Pisolithus tinctorius. Environmental Science and Pollution Research, 2013, 20, 582-590.	5.3	12
105	Bioaugmentation for treating transient 4-fluorocinnamic acid shock loads in a rotating biological contactor. Bioresource Technology, 2013, 144, 554-562.	9.6	15
106	Performance of an aerobic granular sequencing batch reactor fed with wastewaters contaminated with Zn2+. Journal of Environmental Management, 2013, 128, 877-882.	7.8	10
107	Extraction of high added value biological compounds from sardine, sardine-type fish and mackerel canning residues â€" A review. Materials Science and Engineering C, 2013, 33, 3111-3120.	7.3	99
108	Biodegradation of fluoroanilines by the wild strain Labrys portucalensis. International Biodeterioration and Biodegradation, 2013, 80, 10-15.	3.9	29

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109	Enantioselective HPLC analysis and biodegradation of atenolol, metoprolol and fluoxetine. Environmental Chemistry Letters, 2013, 11, 83-90.	16.2	45
110	Enantioselective biodegradation of pharmaceuticals, alprenolol and propranolol, by an activated sludge inoculum. Ecotoxicology and Environmental Safety, 2013, 87, 108-114.	6.0	53
111	Inoculating Helianthus annuus (sunflower) grown in zinc and cadmium contaminated soils with plant growth promoting bacteria â€“ Effects on phytoremediation strategies. Chemosphere, 2013, 92, 74-83.	8.2	141
112	Calcium phosphate-based materials of natural origin showing photocatalytic activity. Journal of Materials Chemistry A, 2013, 1, 6452.	10.3	57
113	Bacteria immobilisation on hydroxyapatite surface for heavy metals removal. Journal of Environmental Management, 2013, 121, 87-95.	7.8	77
114	Extraction and characterisation of apatite- and tricalcium phosphate-based materials from cod fish bones. Materials Science and Engineering C, 2013, 33, 103-110.	7.3	129
115	Effect of the metals iron, copper and silver on fluorobenzene biodegradation by Labrys portucalensis. Biodegradation, 2013, 24, 245-255.	3.0	27
116	Effects of Physical Parameters onto Adsorption of the Borderline Amino Acids Glycine, Lysine, Taurine, and Tryptophan upon Amberlite XAD16 Resin. Journal of Chemical & Engineering Data, 2013, 58, 707-717.	1.9	9
117	Microbial degradation of pharmaceuticals followed by a simple HPLC-DAD method. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 2151-2158.	1.7	9
118	Degradation of difluorobenzenes by the wild strain Labrys portucalensis. Biodegradation, 2012, 23, 653-662.	3.0	29
119	Biodiversity in urban ecosystems: Plants and macromycetes as indicators for conservation planning in the city of Coimbra (Portugal). Landscape and Urban Planning, 2012, 106, 88-102.	7.5	40
120	Combined use of Pinus pinaster plus and inoculation with selected ectomycorrhizal fungi as an ecotechnology to improve plant performance. Ecological Engineering, 2012, 43, 95-103.	3.6	28
121	Toxicity of High Salinity Tannery Wastewater and Effects on Constructed Wetland Plants. International Journal of Phytoremediation, 2012, 14, 669-680.	3.1	16
122	Mycorrhizal symbiosis affected by different genotypes of Pinus pinaster. Plant and Soil, 2012, 359, 245-253.	3.7	16
123	Chiral pharmaceuticals in the environment. Environmental Chemistry Letters, 2012, 10, 239-253.	16.2	76
124	Metal uptake by microalgae: Underlying mechanisms and practical applications. Biotechnology Progress, 2012, 28, 299-311.	2.6	274
125	Bioconversion of oleuropein to hydroxytyrosol by lactic acid bacteria. World Journal of Microbiology and Biotechnology, 2012, 28, 2435-2440.	3.6	48
126	Isolation and characterization of a Rhodococcus strain able to degrade 2-fluorophenol. Applied Microbiology and Biotechnology, 2012, 95, 511-520.	3.6	33

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127	Modelling growth of, and removal of Zn and Hg by a wild microalgal consortium. Applied Microbiology and Biotechnology, 2012, 94, 91-100.	3.6	3
128	Co-metabolic degradation of chlorobenzene by the fluorobenzene degrading wild strain Labrys portucalensis. International Biodeterioration and Biodegradation, 2012, 72, 76-81.	3.9	18
129	The effect of ectomycorrhizal fungi forming symbiosis with Pinus pinaster seedlings exposed to cadmium. Science of the Total Environment, 2012, 414, 63-67.	8.0	66
130	Ectomycorrhizal fungi as an alternative to the use of chemical fertilisers in nursery production of Pinus pinaster. Journal of Environmental Management, 2012, 95, S269-S274.	7.8	42
131	Use of constructed wetland systems with Arundo and Sarcocornia for polishing high salinity tannery wastewater. Journal of Environmental Management, 2012, 95, 66-71.	7.8	143
132	Environmental Fate of Chiral Pharmaceuticals: Determination, Degradation and Toxicity. Environmental Chemistry for A Sustainable World, 2012, , 3-45.	0.5	17
133	Remediation of Heavy Metal Contaminated Soils: An Overview of Site Remediation Techniques. Critical Reviews in Environmental Science and Technology, 2011, 41, 879-914.	12.8	59
134	Polishing Domestic Wastewater on a Subsurface Flow Constructed Wetland: Organic Matter Removal and Microbial Monitoring. International Journal of Phytoremediation, 2011, 13, 947-958.	3.1	16
135	Microalga-Mediated Bioremediation of Heavy Metalâ€“Contaminated Surface Waters. Environmental Pollution, 2011, , 365-385.	0.4	9
136	2-Fluorophenol degradation by aerobic granular sludge in a sequencing batch reactor. Water Research, 2011, 45, 6745-6752.	11.3	67
137	Development of flow injection potentiometric methods for the off-line and on-line determination of fluoride to monitor the biodegradation of a monofluorophenol in two bioreactors. Talanta, 2011, 84, 1291-1297.	5.5	10
138	Biodegradation of Organic Xenobiotic Pollutants in the Rhizosphere. Plant Ecophysiology, 2011, , 191-215.	1.5	21
139	Insights into Phytoremediation Solutions for Environmental Recovery. Recent Patents on Biotechnology, 2011, 5, 25-39.	0.8	4
140	A molecular and multivariate approach to the microbial community of a commercial shallow raceway marine recirculation system operating with a Moving Bed Biofilter. Aquaculture Research, 2011, 42, 1308-1322.	1.8	10
141	Reforestation of burned stands: The effect of ectomycorrhizal fungi on Pinus pinaster establishment. Soil Biology and Biochemistry, 2011, 43, 2115-2120.	8.8	26
142	Solvent extraction of sodium chloride from codfish (Gadus morhua) salting processing wastewater. Desalination, 2011, 281, 42-48.	8.2	10
143	Bioaugmentation of a rotating biological contactor for degradation of 2-fluorophenol. Bioresource Technology, 2011, 102, 9300-9303.	9.6	24
144	Toxicity of cadmium and zinc on two microalgae, Scenedesmus obliquus and Desmodesmus pleiomorphus, from Northern Portugal. Journal of Applied Phycology, 2011, 23, 97-103.	2.8	94

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145	Heavy Metal Accumulation in Plant Species Indigenous to a Contaminated Portuguese Site: Prospects for Phytoremediation. Water, Air, and Soil Pollution, 2011, 221, 377-389.	2.4	32
146	Biosorption of zinc ions from aqueous solution by the microalga Scenedesmus obliquus. Environmental Chemistry Letters, 2011, 9, 169-176.	16.2	70
147	Capacity of simultaneous removal of zinc and cadmium from contaminated media, by two microalgae isolated from a polluted site. Environmental Chemistry Letters, 2011, 9, 511-517.	16.2	39
148	Extraction of Valuable Compounds from Ginja Cherry By-Products: Effect of the Solvent and Antioxidant Properties. Waste and Biomass Valorization, 2011, 2, 365-371.	3.4	9
149	Characterisation of high added value compounds in wastewater throughout the salting process of codfish (Gadus morhua). Food Chemistry, 2011, 124, 1363-1368.	8.2	10
150	Removal of heavy metals using different polymer matrixes as support for bacterial immobilisation. Journal of Hazardous Materials, 2011, 191, 277-286.	12.4	35
151	High Added-Value Compounds with Antibacterial Properties from Ginja Cherries By-products. Waste and Biomass Valorization, 2010, 1, 209-217.	3.4	11
152	Management of nursery practices for efficient ectomycorrhizal fungi application in the production of Quercus ilex. Symbiosis, 2010, 52, 125-131.	2.3	26
153	Cadmium Removal by Two Strains of Desmodesmus pleiomorphus Cells. Water, Air, and Soil Pollution, 2010, 208, 17-27.	2.4	74
154	Assessment of the plant growth promotion abilities of six bacterial isolates using Zea mays as indicator plant. Soil Biology and Biochemistry, 2010, 42, 1229-1235.	8.8	273
155	Chryseobacterium palustre sp. nov. and Chryseobacterium humi sp. nov., isolated from industrially contaminated sediments. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 402-407.	1.7	42
156	Biotreatment of Industrial Wastewaters under Transient-State Conditions: Process Stability with Fluctuations of Organic Load, Substrates, Toxicants, and Environmental Parameters. Critical Reviews in Environmental Science and Technology, 2010, 40, 147-197.	12.8	48
157	Valorisation of natural extracts from marine source focused on marine by-products: A review. Food Research International, 2010, 43, 2221-2233.	6.2	204
158	Bacterial community dynamics in horizontal flow constructed wetlands with different plants for high salinity industrial wastewater polishing. Water Research, 2010, 44, 5032-5038.	11.3	88
159	Genetic, phenotypic and functional variation within a Glomus geosporum isolate cultivated with or without the stress of a highly alkaline anthropogenic sediment. Applied Soil Ecology, 2010, 45, 39-48.	4.3	18
160	Eutrophication and macroalgal blooms in temperate and tropical coastal waters: nutrient enrichment experiments with Ulva spp.. Global Change Biology, 2010, 16, 2624-2637.	9.5	291
161	Microbial degradation of 17Î² -estradiol and 17Î± -ethinylestradiol followed by a validated HPLC-DAD method. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 265-273.	1.5	21
162	Isolation of a Xanthobacter sp. degrading dichloromethane and characterization of the gene involved in the degradation. Biodegradation, 2009, 20, 235-244.	3.0	17

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163	Characterization of Desmodesmus pleiomorphus isolated from a heavy metal-contaminated site: biosorption of zinc. Biodegradation, 2009, 20, 629-641.	3.0	43
164	Use of the microalga Scenedesmus obliquus to remove cadmium cations from aqueous solutions. World Journal of Microbiology and Biotechnology, 2009, 25, 1573-1578.	3.6	72
165	Direct metabolic fingerprinting of commercial herbal tinctures by nuclear magnetic resonance spectroscopy and mass spectrometry. Phytochemical Analysis, 2009, 20, 328-334.	2.4	30
166	Arsenic, lead and nickel accumulation in Rubus ulmifolius growing in contaminated soil in Portugal. Journal of Hazardous Materials, 2009, 165, 174-179.	12.4	66
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