

Avelino Nã°Ã±ez Delgado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/178420/publications.pdf>

Version: 2024-02-01

189
papers

5,585
citations

81743

39
h-index

118652

62
g-index

197
all docs

197
docs citations

197
times ranked

4407
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitigation of greenhouse gas emissions from a red acidic soil by using magnesium-modified wheat straw biochar. <i>Environmental Research</i> , 2022, 203, 111879.	3.7	20
2	Time-course evolution of bacterial community tolerance to tetracycline antibiotics in agricultural soils: A laboratory experiment. <i>Chemosphere</i> , 2022, 291, 132758.	4.2	7
3	Cattle manure compost and biochar supplementation improve growth of <i>Onobrychis viciifolia</i> in coal-mined spoils under water stress conditions. <i>Environmental Research</i> , 2022, 205, 112440.	3.7	12
4	Stability of soil organic carbon under long-term fertilization: Results from ¹³ C NMR analysis and laboratory incubation. <i>Environmental Research</i> , 2022, 205, 112476.	3.7	25
5	Photocatalytic degradation of xanthate in flotation plant tailings by TiO ₂ /graphene nanocomposites. <i>Chemical Engineering Journal</i> , 2022, 431, 134104.	6.6	124
6	Degradation of Doxycycline, Enrofloxacin, and Sulfamethoxypyridazine under Simulated Sunlight at Different pH Values and Chemical Environments. <i>Agronomy</i> , 2022, 12, 260.	1.3	4
7	Relevance of sorption in bio-reduction of amoxicillin taking place in forest and crop soils. <i>Environmental Research</i> , 2022, 208, 112753.	3.7	12
8	The impact of pristine and modified rice straw biochar on the emission of greenhouse gases from a red acidic soil. <i>Environmental Research</i> , 2022, 208, 112676.	3.7	26
9	Biotic and Abiotic Contamination Due to Emerging Pollutants in Sewage Sludge and Soils: A Country-Based Perspective. <i>Handbook of Environmental Chemistry</i> , 2022, , 1.	0.2	0
10	Supramolecular assemblies working as both artificial light-harvesting system and nanoreactor for efficient organic dehalogenation in aqueous environment. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 118-128.	5.0	20
11	Heavy metals pollution characteristics and risk assessment in sediments and waters: The case of Tianjin, China. <i>Environmental Research</i> , 2022, 212, 113162.	3.7	21
12	Amoxicillin Retention/Release in Agricultural Soils Amended with Different Bio-Adsorbent Materials. <i>Materials</i> , 2022, 15, 3200.	1.3	10
13	Occurrence of Microplastics from Plastic Fragments in Cultivated Soil of Sichuan Province: The Key Controls. <i>Water (Switzerland)</i> , 2022, 14, 1417.	1.2	10
14	Biochar production with amelioration of microwave-assisted pyrolysis: Current scenario, drawbacks and perspectives. <i>Bioresource Technology</i> , 2022, 355, 127303.	4.8	50
15	New trends on green energy and environmental technologies, with special focus on biomass valorization, water and waste recycling: editorial of the special issue. <i>Journal of Environmental Management</i> , 2022, 316, 115209.	3.8	4
16	Appraisal of different land use systems for heterotrophic respiration in a Karst landscape. <i>Environmental Research</i> , 2022, 212, 113480.	3.7	0
17	Utilization of mussel shell to remediate soils polluted with heavy metals. , 2022, , 221-242.		1
18	Competitive adsorption and desorption of tetracycline and sulfadiazine in crop soils. <i>Environmental Research</i> , 2022, 214, 113726.	3.7	8

#	ARTICLE	IF	CITATIONS
19	Potential of low-cost bio-adsorbents to retain amoxicillin in contaminated water. Environmental Research, 2022, 213, 113621.	3.7	6
20	A green method for removing chromium (VI) from aqueous systems using novel silicon nanoparticles: Adsorption and interaction mechanisms. Environmental Research, 2022, 213, 113614.	3.7	22
21	Nano-hydroxyapatite modified biochar: Insights into the dynamic adsorption and performance of lead (II) removal from aqueous solution. Environmental Research, 2022, 214, 113827.	3.7	21
22	Tolerance of soil bacterial community to tetracycline antibiotics induced by As, Cd, Zn, Cu, Ni, Cr, and Pb pollution. Soil, 2022, 8, 437-449.	2.2	6
23	Ciprofloxacin and Trimethoprim Adsorption/Desorption in Agricultural Soils. International Journal of Environmental Research and Public Health, 2022, 19, 8426.	1.2	12
24	Optimization of synergistic biosorption of oxytetracycline and cadmium from binary mixtures on reed-based beads: modeling study using Brouers-Sotolongo models. Environmental Science and Pollution Research, 2021, 28, 46431-46447.	2.7	18
25	How to study SARS-CoV-2 in soils?. Environmental Research, 2021, 198, 110464.	3.7	13
26	Editorial of the VSI "Environmental, ecological and public health considerations regarding coronaviruses, other viruses, and other microorganisms potentially causing pandemic diseases". Environmental Research, 2021, 192, 110322.	3.7	7
27	Use of waste materials to prevent tetracycline antibiotics toxicity on the growth of soil bacterial communities. Environmental Research, 2021, 193, 110404.	3.7	13
28	Data on the use of sorbents to control pollution in Europe, with main focus on Spain and Galicia. , 2021, , 15-31.		0
29	Sorbents to control soil pollution. , 2021, , 691-700.		1
30	Optimization of Simultaneous Removal of Binary Toxic Antibiotic and Heavy Metal by Novel Biocomposite Beads: Modeling Study Using Brouers-Sotolongo Family Equations. Environmental Science and Engineering, 2021, , 107-113.	0.1	0
31	SARS-CoV-2 and other pathogens could be determined in liquid samples from soils. Environmental Pollution, 2021, 273, 116445.	3.7	12
32	Sulfadiazine, sulfamethazine and sulfachloropyridazine removal using three different porous materials: Pine bark, oak ash and mussel shell. Environmental Research, 2021, 195, 110814.	3.7	28
33	Oxidized biochar obtained from rice straw as adsorbent to remove uranium (VI) from aqueous solutions. Journal of Environmental Chemical Engineering, 2021, 9, 105104.	3.3	63
34	Photodegradation of Ciprofloxacin, Clarithromycin and Trimethoprim: Influence of pH and Humic Acids. Molecules, 2021, 26, 3080.	1.7	10
35	Soil Enzymatic Activities and Microbial Community Structure in Soils Polluted with Tetracycline Antibiotics. Agronomy, 2021, 11, 906.	1.3	9
36	Retention of the Antibiotic Cefuroxime onto Agricultural and Forest Soils. Applied Sciences (Switzerland), 2021, 11, 4663.	1.3	6

#	ARTICLE	IF	CITATIONS
37	Foliar application of Zn reduces Cd accumulation in grains of late rice by regulating the antioxidant system, enhancing Cd chelation onto cell wall of leaves, and inhibiting Cd translocation in rice. <i>Science of the Total Environment</i> , 2021, 770, 145302.	3.9	38
38	Treatment technologies for emerging contaminants in water. <i>Journal of Environmental Management</i> , 2021, 286, 112256.	3.8	4
39	Environmental relevance of adsorption of doxycycline, enrofloxacin, and sulfamethoxypyridazine before and after the removal of organic matter from soils. <i>Journal of Environmental Management</i> , 2021, 287, 112354.	3.8	22
40	Control of Sunroof Buffeting Noise by Optimizing the Flow Field Characteristics of a Commercial Vehicle. <i>Processes</i> , 2021, 9, 1052.	1.3	2
41	Phytotoxicity of petroleum hydrocarbons: Sources, impacts and remediation strategies. <i>Environmental Research</i> , 2021, 197, 111031.	3.7	71
42	Utilization of <i>Citrullus lanatus</i> L. seeds to synthesize a novel MnFe ₂ O ₄ -biochar adsorbent for the removal of U(VI) from wastewater: Insights and comparison between modified and raw biochar. <i>Science of the Total Environment</i> , 2021, 771, 144955.	3.9	64
43	SARS-CoV-2 and other main pathogenic microorganisms in the environment: Situation in Galicia and Spain. <i>Environmental Research</i> , 2021, 197, 111049.	3.7	10
44	Efficacy of Different Waste and By-Products from Forest and Food Industries in the Removal/Retention of the Antibiotic Cefuroxime. <i>Processes</i> , 2021, 9, 1151.	1.3	14
45	A Novel Manganese-Rich Pokeweed Biochar for Highly Efficient Adsorption of Heavy Metals from Wastewater: Performance, Mechanisms, and Potential Risk Analysis. <i>Processes</i> , 2021, 9, 1209.	1.3	5
46	SARS-CoV-2 and other viruses in soil: An environmental outlook. <i>Environmental Research</i> , 2021, 198, 111297.	3.7	36
47	Enhanced adsorption of aqueous Pb(II) by modified biochar produced through pyrolysis of watermelon seeds. <i>Science of the Total Environment</i> , 2021, 784, 147136.	3.9	71
48	Novel Ag ₃ PO ₄ /boron-carbon-nitrogen photocatalyst for highly efficient degradation of organic pollutants under visible-light irradiation. <i>Journal of Environmental Management</i> , 2021, 292, 112763.	3.8	44
49	Adsorption of arsenic (III) from aqueous solution by a novel phosphorus-modified biochar obtained from <i>Taraxacum mongolicum</i> Hand-Mazz: Adsorption behavior and mechanistic analysis. <i>Journal of Environmental Management</i> , 2021, 292, 112764.	3.8	24
50	Gas, Water and Solid Waste Treatment Technology. <i>Processes</i> , 2021, 9, 1397.	1.3	1
51	Fabrication, characterization and U(VI) sorption properties of a novel biochar derived from <i>Tribulus terrestris</i> via two different approaches. <i>Science of the Total Environment</i> , 2021, 780, 146617.	3.9	46
52	Highly efficient uranium (VI) capture from aqueous solution by means of a hydroxyapatite-biochar nanocomposite: Adsorption behavior and mechanism. <i>Environmental Research</i> , 2021, 201, 111518.	3.7	70
53	SARS-CoV-2 and other pathogenic microorganisms in the environment. <i>Environmental Research</i> , 2021, 201, 111606.	3.7	48
54	New research on water, waste and energy management, with special focus on antibiotics and priority pollutants. <i>Environmental Research</i> , 2021, 201, 111582.	3.7	3

#	ARTICLE	IF	CITATIONS
55	New research on reduction and/or elimination of hazardous substances in the design, manufacture and application of chemical products. <i>Environmental Research</i> , 2021, 201, 111601.	3.7	3
56	Additions of optimum water, spent mushroom compost and wood biochar to improve the growth performance of <i>Althaea rosea</i> in drought-prone coal-mined spoils. <i>Journal of Environmental Management</i> , 2021, 295, 113076.	3.8	37
57	Boron application mitigates Cd toxicity in leaves of rice by subcellular distribution, cell wall adsorption and antioxidant system. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112540.	2.9	19
58	Highly active iron-nitrogen-boron-carbon bifunctional electrocatalytic platform for hydrogen peroxide sensing and oxygen reduction. <i>Environmental Research</i> , 2021, 201, 111563.	3.7	22
59	Biomass-derived N,S co-doped 3D multichannel carbon supported Au@Pd@Pt catalysts for oxygen reduction. <i>Environmental Research</i> , 2021, 202, 111684.	3.7	15
60	TiO ₂ /g-C ₃ N ₄ photocatalyst for the purification of potassium butyl xanthate in mineral processing wastewater. <i>Journal of Environmental Management</i> , 2021, 297, 113311.	3.8	79
61	Sorbents for antibiotics removal. , 2021, , 417-433.		0
62	Adsorption of Tetracycline and Sulfadiazine onto Three Different Bioadsorbents in Binary Competitive Systems. <i>Processes</i> , 2021, 9, 28.	1.3	9
63	<i>Burkholderia phytofirmans</i> PsJN and tree twigs derived biochar together retrieved Pb-induced growth, physiological and biochemical disturbances by minimizing its uptake and translocation in mung bean (<i>Vigna radiata</i> L.). <i>Journal of Environmental Management</i> , 2020, 257, 109974.	3.8	46
64	Introducing Students to Remediation of Polluted Soils: Influence of Waste-Based Amendments on Cd Extractability. <i>Journal of Chemical Education</i> , 2020, 97, 221-225.	1.1	3
65	Adsorption/desorption of sulfamethoxypyridazine and enrofloxacin in agricultural soils. <i>Science of the Total Environment</i> , 2020, 706, 136015.	3.9	22
66	Interactions between soil properties and tetracycline toxicity affecting to bacterial community growth in agricultural soil. <i>Applied Soil Ecology</i> , 2020, 147, 103437.	2.1	31
67	Single and simultaneous adsorption of three sulfonamides in agricultural soils: Effects of pH and organic matter content. <i>Science of the Total Environment</i> , 2020, 744, 140872.	3.9	45
68	SARS-CoV-2 in soils. <i>Environmental Research</i> , 2020, 190, 110045.	3.7	30
69	Tetracycline and Sulfonamide Antibiotics in Soils: Presence, Fate and Environmental Risks. <i>Processes</i> , 2020, 8, 1479.	1.3	78
70	Effect of Oxytetracycline and Chlortetracycline on Bacterial Community Growth in Agricultural Soils. <i>Agronomy</i> , 2020, 10, 1011.	1.3	12
71	Competitive adsorption and desorption of three tetracycline antibiotics on bio-sorbent materials in binary systems. <i>Environmental Research</i> , 2020, 190, 110003.	3.7	22
72	Heavy crude oil viscosity reduction by dilution with hydrocarbons obtained via pyrolysis of polypropylene and polystyrene. <i>Petroleum Science and Technology</i> , 2020, 38, 651-658.	0.7	7

#	ARTICLE	IF	CITATIONS
73	Bacterial Community Tolerance to Tetracycline Antibiotics in Cu Polluted Soils. <i>Agronomy</i> , 2020, 10, 1220.	1.3	10
74	The Toxicity Exerted by the Antibiotic Sulfadiazine on the Growth of Soil Bacterial Communities May Increase over Time. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8773.	1.2	4
75	Editorial: SARS-CoV-2 in 2020. <i>Current Opinion in Environmental Science and Health</i> , 2020, 17, A1-A3.	2.1	3
76	Use of biomass ash to reduce toxicity affecting soil bacterial community growth due to tetracycline antibiotics. <i>Journal of Environmental Management</i> , 2020, 269, 110838.	3.8	20
77	Current emerging SARS-CoV-2 pandemic: Potential direct/indirect negative impacts of virus persistence and related therapeutic drugs on the aquatic compartments. <i>Environmental Research</i> , 2020, 188, 109808.	3.7	40
78	Soil aggregation and soil aggregate stability regulate organic carbon and nitrogen storage in a red soil of southern China. <i>Journal of Environmental Management</i> , 2020, 270, 110894.	3.8	131
79	Editorial: New Research on Soil Degradation and Restoration. <i>Journal of Environmental Management</i> , 2020, 269, 110851.	3.8	4
80	Evaluation of Toxicity on <i>Ctenopharyngodon idella</i> Due to Tannery Effluent Remediated by Constructed Wetland Technology. <i>Processes</i> , 2020, 8, 612.	1.3	10
81	Influence of mussel shell, oak ash and pine bark on the adsorption and desorption of sulfonamides in agricultural soils. <i>Journal of Environmental Management</i> , 2020, 261, 110221.	3.8	19
82	The Effects of pH Change through Liming on Soil N ₂ O Emissions. <i>Processes</i> , 2020, 8, 702.	1.3	15
83	Removal of caffeine, nicotine and amoxicillin from (waste)waters by various adsorbents. A review. <i>Journal of Environmental Management</i> , 2020, 261, 110236.	3.8	152
84	Adsorption/desorption of three tetracycline antibiotics on different soils in binary competitive systems. <i>Journal of Environmental Management</i> , 2020, 262, 110337.	3.8	24
85	Effects of pine bark amendment on the transport of sulfonamide antibiotics in soils. <i>Chemosphere</i> , 2020, 248, 126041.	4.2	9
86	Combined application of biochar and sulfur regulated growth, physiological, antioxidant responses and Cr removal capacity of maize (<i>Zea mays</i> L.) in tannery polluted soils. <i>Journal of Environmental Management</i> , 2020, 259, 110051.	3.8	83
87	Adsorption-desorption of doxycycline in agricultural soils: Batch and stirred-flow-chamber experiments. <i>Environmental Research</i> , 2020, 186, 109565.	3.7	30
88	Cadmium mediated phytotoxic impacts in <i>Brassica napus</i> : Managing growth, physiological and oxidative disturbances through combined use of biochar and <i>Enterobacter</i> sp. MN17. <i>Journal of Environmental Management</i> , 2020, 265, 110522.	3.8	74
89	Estimation of adsorption/desorption Freundlich's affinity coefficients for oxytetracycline and chlortetracycline from soil properties: Experimental data and pedotransfer functions. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110584.	2.9	29
90	What do we know about the SARS-CoV-2 coronavirus in the environment?. <i>Science of the Total Environment</i> , 2020, 727, 138647.	3.9	99

#	ARTICLE	IF	CITATIONS
91	By-Products from Forest Activities as Low-Cost Sorbents for Bioremediation of Effluents and Other Polluted Media. , 2020, , 1-14.		0
92	Controlling risks of P water pollution by sorption on soils, pyritic material, granitic material, and different by-products: effects of pH and incubation time. Environmental Science and Pollution Research, 2019, 26, 11558-11564.	2.7	5
93	Effects of Microbiological and Non-Microbiological Treatments of Sewage Sludge on Antibiotics as Emerging Pollutants Present in Wastewater. , 2019, , 1-17.		9
94	Experimental data and modeling for sulfachloropyridazine and sulfamethazine adsorption/desorption on agricultural acid soils. Microporous and Mesoporous Materials, 2019, 288, 109601.	2.2	26
95	Pedotransfer functions to estimate the adsorption and desorption of sulfadiazine in agricultural soils. Science of the Total Environment, 2019, 691, 933-942.	3.9	19
96	Experimental data and model prediction of tetracycline adsorption and desorption in agricultural soils. Environmental Research, 2019, 177, 108607.	3.7	50
97	Soil and fine roots ecological stoichiometry in different vegetation restoration stages in a karst area, southwest China. Journal of Environmental Management, 2019, 252, 109694.	3.8	35
98	Restoring effect of soil acidity and Cu on N ₂ O emissions from an acidic soil. Journal of Environmental Management, 2019, 250, 109535.	3.8	20
99	Agricultural biomass/waste as adsorbents for toxic metal decontamination of aqueous solutions. Journal of Molecular Liquids, 2019, 295, 111684.	2.3	131
100	Competitive adsorption of tetracycline, oxytetracycline and chlortetracycline on soils with different pH value and organic matter content. Environmental Research, 2019, 178, 108669.	3.7	50
101	Competitive adsorption/desorption of tetracycline, oxytetracycline and chlortetracycline on pine bark, oak ash and mussel shell. Journal of Environmental Management, 2019, 250, 109509.	3.8	36
102	Spatial variation of sediment bacterial community in an acid mine drainage contaminated area and surrounding river basin. Journal of Environmental Management, 2019, 251, 109542.	3.8	25
103	Biochar synthesis from sweet lime peel for hexavalent chromium remediation from aqueous solution. Journal of Environmental Management, 2019, 251, 109570.	3.8	56
104	Adsorption/desorption and transport of sulfadiazine, sulfachloropyridazine, and sulfamethazine, in acid agricultural soils. Chemosphere, 2019, 234, 978-986.	4.2	34
105	Editorial of the VSI "Antibiotics and heavy metals in the environment: Facing the challenge". Science of the Total Environment, 2019, 678, 30-32.	3.9	6
106	Editorial: Technically-based use of by-products as a tool to control pollution. Journal of Environmental Management, 2019, 242, 65-67.	3.8	5
107	Efficacy of two different reclamation strategies to improve chemical properties and to reduce Al toxicity in a lignite mine dump during a 20-year period. Land Degradation and Development, 2019, 30, 658-669.	1.8	4
108	Low cost organic and inorganic sorbents to fight soil and water pollution. Environmental Science and Pollution Research, 2019, 26, 11511-11513.	2.7	8

#	ARTICLE	IF	CITATIONS
109	Copper and zinc in rhizospheric soil of wild plants growing in long-term acid vineyard soils. Insights on availability and metal remediation. <i>Science of the Total Environment</i> , 2019, 672, 389-399.	3.9	18
110	Chromium VI and Fluoride Competitive Adsorption on Different Soils and By-Products. <i>Processes</i> , 2019, 7, 748.	1.3	11
111	Using pine bark and mussel shell amendments to reclaim microbial functions in a Cu polluted acid mine soil. <i>Applied Soil Ecology</i> , 2018, 127, 102-111.	2.1	14
112	Polycyclic aromatic hydrocarbons concentrations in a waste from fuel oil spill and its mixture with other materials: Time-course evolution. <i>Journal of Cleaner Production</i> , 2018, 172, 1910-1917.	4.6	10
113	Editorial: New Findings on the Use of Biosorbents and Technically-Based Sorbents to Control Soil and Water Pollution. <i>Frontiers in Chemistry</i> , 2018, 6, 588.	1.8	7
114	Degradation of sulfadiazine, sulfachloropyridazine and sulfamethazine in aqueous media. <i>Journal of Environmental Management</i> , 2018, 228, 239-248.	3.8	52
115	A concise review of biochar application to agricultural soils to improve soil conditions and fight pollution. <i>Journal of Environmental Management</i> , 2018, 228, 429-440.	3.8	250
116	Chromium and fluoride sorption/desorption on un-amended and waste-amended forest and vineyard soils and pyritic material. <i>Journal of Environmental Management</i> , 2018, 222, 3-11.	3.8	22
117	Occurrence of tetracyclines and sulfonamides in manures, agricultural soils and crops from different areas in Galicia (NW Spain). <i>Journal of Cleaner Production</i> , 2018, 197, 491-500.	4.6	112
118	Effects of Changing pH, Incubation Time, and As(V) Competition, on F_{ad} Retention on Soils, Natural Adsorbents, By-Products, and Waste Materials. <i>Frontiers in Chemistry</i> , 2018, 6, 51.	1.8	4
119	Biotic and abiotic dissipation of tetracyclines using simulated sunlight and in the dark. <i>Science of the Total Environment</i> , 2018, 635, 1520-1529.	3.9	53
120	A review on halloysite-based adsorbents to remove pollutants in water and wastewater. <i>Journal of Molecular Liquids</i> , 2018, 269, 855-868.	2.3	150
121	Heavy metals fractionation and desorption in pine bark amended mine soils. <i>Journal of Environmental Management</i> , 2017, 192, 79-88.	3.8	26
122	Pine Bark Amendment to Promote Sustainability in Cu-Polluted Acid Soils: Effects on <i>Lolium perenne</i> Growth and Cu Uptake. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	6
123	As(V)/Cr(VI) retention on un-amended and waste-amended soil samples: competitive experiments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1051-1059.	2.7	9
124	Removal of anionic pollutants by pine bark is influenced by the mechanism of retention. <i>Chemosphere</i> , 2017, 167, 139-145.	4.2	14
125	Cu Immobilization and <i>Lolium perenne</i> Development in an Acid Vineyard Soil Amended with Crushed Mussel Shell. <i>Land Degradation and Development</i> , 2017, 28, 762-772.	1.8	20
126	As(V) Sorption/Desorption on Different Waste Materials and Soil Samples. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 803.	1.2	10

#	ARTICLE	IF	CITATIONS
127	Wheat Straw as a Bio-Sorbent for Arsenate, Chromate, Fluoride, and Nickel. <i>Water (Switzerland)</i> , 2017, 9, 690.	1.2	7
128	Cadmium and Lead Sorption/Desorption on Non-Amended and By-Product-Amended Soil Samples and Pyritic Material. <i>Water (Switzerland)</i> , 2017, 9, 886.	1.2	12
129	Evolution of Chemical Characteristics of Technosols in an Afforested Coal Mine Dump over a 20-year Period. <i>Land Degradation and Development</i> , 2016, 27, 1640-1649.	1.8	23
130	Promoting sustainability in the mussel industry: mussel shell recycling to fight fluoride pollution. <i>Journal of Cleaner Production</i> , 2016, 131, 485-490.	4.6	30
131	Study of metal transport through pine bark for reutilization as a biosorbent. <i>Chemosphere</i> , 2016, 149, 146-153.	4.2	30
132	Lithological and land-use based assessment of heavy metal pollution in soils surrounding a cement plant in SW Europe. <i>Science of the Total Environment</i> , 2016, 562, 179-190.	3.9	30
133	Phosphorus retention on forest and vineyard soil samples, mussel shell, pine-sawdust, and on pyritic, granitic and waste materials. <i>Geoderma</i> , 2016, 280, 8-13.	2.3	12
134	As(V)/Cr(VI) pollution control in soils, hemp waste, and other by-products: competitive sorption trials. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19182-19192.	2.7	13
135	F sorption/desorption on two soils and on different by-products and waste materials. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14676-14685.	2.7	10
136	Phosphorus removal from wastewater using mussel shell: Investigation on retention mechanisms. <i>Ecological Engineering</i> , 2016, 97, 558-566.	1.6	55
137	Competitive and non-competitive cadmium, copper and lead sorption/desorption on wheat straw affecting sustainability in vineyards. <i>Journal of Cleaner Production</i> , 2016, 139, 1496-1503.	4.6	34
138	Valorization of biosorbent obtained from a forestry waste: Competitive adsorption, desorption and transport of Cd, Cu, Ni, Pb and Zn. <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 118-126.	2.9	38
139	Aluminum fractionation and speciation in a coal mine dump: Twenty years of time-course evolution. <i>Geoderma</i> , 2016, 273, 45-53.	2.3	5
140	Changes in Cd, Cu, Ni, Pb and Zn Fractionation and Liberation Due to Mussel Shell Amendment on a Mine Soil. <i>Land Degradation and Development</i> , 2016, 27, 1276-1285.	1.8	28
141	Cr(VI) Sorption/Desorption on Pine Sawdust and Oak Wood Ash. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 8849-8860.	1.2	15
142	As(V) and P Competitive Sorption on Soils, By-Products and Waste Materials. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15706-15715.	1.2	24
143	Cr(VI) sorption/desorption on untreated and mussel-shell-treated soil materials: fractionation and effects of pH and chromium concentration. <i>Solid Earth</i> , 2015, 6, 373-382.	1.2	33
144	Competitive adsorption/desorption of tetracycline, oxytetracycline and chlortetracycline on two acid soils: Stirred flow chamber experiments. <i>Chemosphere</i> , 2015, 134, 361-366.	4.2	67

#	ARTICLE	IF	CITATIONS
145	Perspectives on the use of by-products to treat soil and water pollution. Microporous and Mesoporous Materials, 2015, 210, 199-201.	2.2	32
146	Take the waste and run (Correspondence on: Riding, M.J., Herbert, B.M.J., Ricketts, L., Dodd, I., Ostle, N.,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Environment International, 2015, 77, 161.	4.8	3
147	Adsorption, desorption and fractionation of As(V) on untreated and mussel shell-treated granitic material. Solid Earth, 2015, 6, 337-346.	1.2	19
148	Scientists talking to politicians: Could you please save the environment? (Correspondence on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627	4.8	3
149	Welfare index, waste and expropriation. Journal of Cleaner Production, 2015, 96, 10-11.	4.6	5
150	Kinetics of tetracycline, oxytetracycline, and chlortetracycline adsorption and desorption on two acid soils. Environmental Science and Pollution Research, 2015, 22, 425-433.	2.7	50
151	Effect of crushed mussel shell addition on bacterial growth in acid polluted soils. Applied Soil Ecology, 2015, 85, 65-68.	2.1	14
152	Nitrogen, phosphorus, potassium, calcium and magnesium release from two compressed fertilizers: column experiments. Solid Earth, 2014, 5, 1351-1360.	1.2	12
153	Spreading of mixtures including wastes from the mussel shell treatment industry on an acid soil: effects on the dissolved aluminum species and on pasture production. Journal of Cleaner Production, 2014, 70, 154-163.	4.6	19
154	Mixtures including wastes from the mussel shell processing industry: retention of arsenic, chromium and mercury. Journal of Cleaner Production, 2014, 84, 680-690.	4.6	40
155	Competitive adsorption and transport of Cd, Cu, Ni and Zn in a mine soil amended with mussel shell. Chemosphere, 2014, 107, 379-385.	4.2	29
156	Waste or gold?. Journal of Cleaner Production, 2014, 83, 497.	4.6	3
157	Pine bark as bio-adsorbent for Cd, Cu, Ni, Pb and Zn: Batch-type and stirred flow chamber experiments. Journal of Environmental Management, 2014, 144, 258-264.	3.8	70
158	As(V) adsorption on forest and vineyard soils and pyritic material with or without mussel shell: Kinetics and fractionation. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1007-1014.	2.7	28
159	Influence of mussel shell on As and Cr competitive and non-competitive sorption-desorption kinetics in a mine soil: stirred flow chamber experiments. Geoderma, 2014, 232-234, 300-308.	2.3	20
160	pH-dependent copper release in acid soils treated with crushed mussel shell. International Journal of Environmental Science and Technology, 2013, 10, 983-994.	1.8	19
161	As(V) retention on soils and forest by-products and other waste materials. Environmental Science and Pollution Research, 2013, 20, 6574-6583.	2.7	39
162	Arsenic, chromium and mercury removal using mussel shell ash or a sludge/ashes waste mixture. Environmental Science and Pollution Research, 2013, 20, 2670-2678.	2.7	55

#	ARTICLE	IF	CITATIONS
163	Mercury removal using ground and calcined mussel shell. <i>Journal of Environmental Sciences</i> , 2013, 25, 2476-2486.	3.2	32
164	Cr(VI) Adsorption and Desorption on Soils and Biosorbents. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	51
165	Heavy metal retention in copper mine soil treated with mussel shells: Batch and column experiments. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 122-130.	6.5	45
166	Use of Mussel Shells as a Soil Amendment: Effects on Bulk and Rhizosphere Soil and Pasture Production. <i>Pedosphere</i> , 2012, 22, 152-164.	2.1	39
167	Aluminium fractionation and speciation in bulk and rhizosphere of a grass soil amended with mussel shells or lime. <i>Geoderma</i> , 2012, 173-174, 322-329.	2.3	48
168	Risk of water pollution due to ash-sludge mixtures: column trials. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 21-29.	1.8	25
169	The effect of aging on element plant availability and bacterial counts of mixtures of wood ash and sewage sludge. <i>Maderas: Ciencia Y Tecnologia</i> , 2011, 13, 307-318.	0.7	10
170	Runoff characteristics in forest plots before and after wood ash fertilization. <i>Maderas: Ciencia Y Tecnologia</i> , 2011, 13, 267-284.	0.7	8
171	Kinetics of Hg(II) adsorption and desorption in calcined mussel shells. <i>Journal of Hazardous Materials</i> , 2010, 180, 622-627.	6.5	44
172	Characterization and Evaluation of Compost Utilized as Ornamental Plant Substrate. <i>Compost Science and Utilization</i> , 2009, 17, 210-219.	1.2	22
173	Retention of phosphorus by iron and aluminum-oxides-coated quartz particles. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 65-70.	5.0	82
174	Chloride, sodium, potassium and faecal bacteria levels in surface runoff and subsurface percolates from grassland plots amended with cattle slurry. <i>Bioresource Technology</i> , 2002, 82, 261-271.	4.8	24
175	Attenuation of groundwater contamination caused by cattle slurry: a plot-scale experimental study. <i>Bioresource Technology</i> , 2002, 84, 105-111.	4.8	25
176	Pollution attenuation by soils receiving cattle slurry after passage of a slurry-like feed solution. Column experiments. <i>Bioresource Technology</i> , 2002, 84, 229-236.	4.8	23
177	Surface runoff pollution by cattle slurry and inorganic fertilizer spreading: chemical oxygen demand, ortho-phosphates, and electrical conductivity levels for different buffer strip lengths. <i>Water Science and Technology</i> , 2001, 44, 173-180.	1.2	7
178	Groundwater contamination due to cattle slurry: modelling infiltration on the basis of soil column experiments. <i>Water Research</i> , 2000, 34, 1017-1029.	5.3	20
179	Adsorbent properties of red mud and its use for wastewater treatment. <i>Water Research</i> , 1998, 32, 1314-1322.	5.3	305
180	Pollution potential of copper mine spoil used for road making. <i>Science of the Total Environment</i> , 1998, 221, 111-116.	3.9	9

#	ARTICLE	IF	CITATIONS
181	Breakthrough of inorganic ions present in cattle slurry: Soil column trials. <i>Water Research</i> , 1997, 31, 2892-2898.	5.3	19
182	Vertical leaching of contaminants present in Cattle slurry: column trials with uncultivated and cultivated soils. <i>International Journal of Environmental Studies</i> , 1996, 50, 27-39.	0.7	8
183	Vegetated filter strips for wastewater purification: A review. <i>Bioresource Technology</i> , 1995, 51, 13-22.	4.8	31
184	Measurement of cholinesterase activity inhibition for the detection of organophosphorus and carbamate pesticides in water. <i>International Journal of Environmental Studies</i> , 1995, 48, 211-219.	0.7	23
185	Copper content and distribution in vineyard soils from Betanzos (A Coruña, Spain). <i>Spanish Journal of Soil Science</i> , 0, 5, .	0.0	10
186	Heavy metals in pastureland soils situated in A Pastoriza (NW Spain) treated with cattle slurry and NPK fertilizers. <i>Spanish Journal of Soil Science</i> , 0, 5, .	0.0	3
187	By-products as an amendment of a mine soil: effects on microbial biomass determined using phospholipid fatty acids. <i>Spanish Journal of Soil Science</i> , 0, 8, .	0.0	2
188	Medium-term influence of tetracyclines on total and specific microbial biomass in cultivated soils of Galicia (NW Spain). <i>Spanish Journal of Soil Science</i> , 0, 10, .	0.0	6
189	Influence of pH, Humic Acids, and Salts on the Dissipation of Amoxicillin and Azithromycin Under Simulated Sunlight. <i>Spanish Journal of Soil Science</i> , 0, 12, .	0.0	12