

Avelino Nã°Ã±ez Delgado

List of Publications by Year in descending order

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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	Adsorbent properties of red mud and its use for wastewater treatment. <i>Water Research</i> , 1998, 32, 1314-1322.	5.3	305
2	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
3	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
4	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
5	Agricultural biomass/waste as adsorbents for toxic metal decontamination of aqueous solutions. <i>Journal of Molecular Liquids</i> , 2019, 295, 111684.	2.3	131
6	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
7	Photocatalytic degradation of xanthate in flotation plant tailings by TiO ₂ /graphene nanocomposites. <i>Chemical Engineering Journal</i> , 2022, 431, 134104.	6.6	124
8	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
9	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
10	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
11	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
12	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
13	Tetracycline and Sulfonamide Antibiotics in Soils: Presence, Fate and Environmental Risks. <i>Processes</i> , 2020, 8, 1479.	1.3	78
14	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
15	Phytotoxicity of petroleum hydrocarbons: Sources, impacts and remediation strategies. <i>Environmental Research</i> , 2021, 197, 111031.	3.7	71
16	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
17	Pine bark as bio-adsorbent for Cd, Cu, Ni, Pb and Zn: Batch-type and stirred flow chamber experiments. <i>Journal of Environmental Management</i> , 2014, 144, 258-264.	3.8	70
18	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

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19	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
20	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
21	Oxidized biochar obtained from rice straw as adsorbent to remove uranium (VI) from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105104.	3.3	63
22	Biochar synthesis from sweet lime peel for hexavalent chromium remediation from aqueous solution. <i>Journal of Environmental Management</i> , 2019, 251, 109570.	3.8	56
23	Arsenic, chromium and mercury removal using mussel shell ash or a sludge/ashes waste mixture. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2670-2678.	2.7	55
24	Phosphorus removal from wastewater using mussel shell: Investigation on retention mechanisms. <i>Ecological Engineering</i> , 2016, 97, 558-566.	1.6	55
25	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
26	Degradation of sulfadiazine, sulfachloropyridazine and sulfamethazine in aqueous media. <i>Journal of Environmental Management</i> , 2018, 228, 239-248.	3.8	52
27	Cr(VI) Adsorption and Desorption on Soils and Biosorbents. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	51
28	Kinetics of tetracycline, oxytetracycline, and chlortetracycline adsorption and desorption on two acid soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 425-433.	2.7	50
29	Experimental data and model prediction of tetracycline adsorption and desorption in agricultural soils. <i>Environmental Research</i> , 2019, 177, 108607.	3.7	50
30	Competitive adsorption of tetracycline, oxytetracycline and chlortetracycline on soils with different pH value and organic matter content. <i>Environmental Research</i> , 2019, 178, 108669.	3.7	50
31	Biochar production with amelioration of microwave-assisted pyrolysis: Current scenario, drawbacks and perspectives. <i>Bioresource Technology</i> , 2022, 355, 127303.	4.8	50
32	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
33	SARS-CoV-2 and other pathogenic microorganisms in the environment. <i>Environmental Research</i> , 2021, 201, 111606.	3.7	48
34	<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
35	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
36	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

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37	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
38	Kinetics of Hg(II) adsorption and desorption in calcined mussel shells. <i>Journal of Hazardous Materials</i> , 2010, 180, 622-627.	6.5	44
39	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
40	Mixtures including wastes from the mussel shell processing industry: retention of arsenic, chromium and mercury. <i>Journal of Cleaner Production</i> , 2014, 84, 680-690.	4.6	40
41	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
42	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
43	As(V) retention on soils and forest by-products and other waste materials. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6574-6583.	2.7	39
44	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
45	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
46	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
47	Competitive adsorption/desorption of tetracycline, oxytetracycline and chlortetracycline on pine bark, oak ash and mussel shell. <i>Journal of Environmental Management</i> , 2019, 250, 109509.	3.8	36
48	SARS-CoV-2 and other viruses in soil: An environmental outlook. <i>Environmental Research</i> , 2021, 198, 111297.	3.7	36
49	Soil and fine roots ecological stoichiometry in different vegetation restoration stages in a karst area, southwest China. <i>Journal of Environmental Management</i> , 2019, 252, 109694.	3.8	35
50	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
51	Adsorption/desorption and transport of sulfadiazine, sulfachloropyridazine, and sulfamethazine, in acid agricultural soils. <i>Chemosphere</i> , 2019, 234, 978-986.	4.2	34
52	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
53	Mercury removal using ground and calcined mussel shell. <i>Journal of Environmental Sciences</i> , 2013, 25, 2476-2486.	3.2	32
54	Perspectives on the use of by-products to treat soil and water pollution. <i>Microporous and Mesoporous Materials</i> , 2015, 210, 199-201.	2.2	32

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55	Vegetated filter strips for wastewater purification: A review. <i>Bioresource Technology</i> , 1995, 51, 13-22.	4.8	31
56	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
57	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
58	Study of metal transport through pine bark for reutilization as a biosorbent. <i>Chemosphere</i> , 2016, 149, 146-153.	4.2	30
59	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
60	SARS-CoV-2 in soils. <i>Environmental Research</i> , 2020, 190, 110045.	3.7	30
61	Adsorption-desorption of doxycycline in agricultural soils: Batch and stirred-flow-chamber experiments. <i>Environmental Research</i> , 2020, 186, 109565.	3.7	30
62	Competitive adsorption and transport of Cd, Cu, Ni and Zn in a mine soil amended with mussel shell. <i>Chemosphere</i> , 2014, 107, 379-385.	4.2	29
63	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
64	As(V) adsorption on forest and vineyard soils and pyritic material with or without mussel shell: Kinetics and fractionation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1007-1014.	2.7	28
65	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
66	Sulfadiazine, sulfamethazine and sulfachloropyridazine removal using three different porous materials: Pine bark, oak ash and mussel shell. <i>Environmental Research</i> , 2021, 195, 110814.	3.7	28
67	Heavy metals fractionation and desorption in pine bark amended mine soils. <i>Journal of Environmental Management</i> , 2017, 192, 79-88.	3.8	26
68	Experimental data and modeling for sulfachloropyridazine and sulfamethazine adsorption/desorption on agricultural acid soils. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109601.	2.2	26
69	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
70	Attenuation of groundwater contamination caused by cattle slurry: a plot-scale experimental study. <i>Bioresource Technology</i> , 2002, 84, 105-111.	4.8	25
71	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
72	Spatial variation of sediment bacterial community in an acid mine drainage contaminated area and surrounding river basin. <i>Journal of Environmental Management</i> , 2019, 251, 109542.	3.8	25

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	Characterization and Evaluation of Compost Utilized as Ornamental Plant Substrate. <i>Compost Science and Utilization</i> , 2009, 17, 210-219.	1.2	22
82	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
83	Adsorption/desorption of sulfamethoxypyridazine and enrofloxacin in agricultural soils. <i>Science of the Total Environment</i> , 2020, 706, 136015.	3.9	22
84	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
85	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
86	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
87	A green method for removing chromium (VI) from aqueous systems using novel silicon nanoparticles: Adsorption and interaction mechanisms. <i>Environmental Research</i> , 2022, 213, 113614.	3.7	22
88	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
89	Nano-hydroxyapatite modified biochar: Insights into the dynamic adsorption and performance of lead (II) removal from aqueous solution. <i>Environmental Research</i> , 2022, 214, 113827.	3.7	21
90	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

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91	Influence of mussel shell on As and Cr competitive and non-competitive sorptionâdesorption kinetics in a mine soil: stirred flow chamber experiments. <i>Geoderma</i> , 2014, 232-234, 300-308.	2.3	20
92	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
93	Restoring effect of soil acidity and Cu on N2O emissions from an acidic soil. <i>Journal of Environmental Management</i> , 2019, 250, 109535.	3.8	20
94	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
95	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
96	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
97	Breakthrough of inorganic ions present in cattle slurry: Soil column trials. <i>Water Research</i> , 1997, 31, 2892-2898.	5.3	19
98	pH-dependent copper release in acid soils treated with crushed mussel shell. <i>International Journal of Environmental Science and Technology</i> , 2013, 10, 983-994.	1.8	19
99	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. <i>Journal of Cleaner Production</i> , 2014, 70, 154-163.	4.6	19
100	Adsorption, desorption and fractionation of As(V) on untreated and mussel shell-treated granitic material. <i>Solid Earth</i> , 2015, 6, 337-346.	1.2	19
101	Pedotransfer functions to estimate the adsorption and desorption of sulfadiazine in agricultural soils. <i>Science of the Total Environment</i> , 2019, 691, 933-942.	3.9	19
102	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
103	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
104	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
105	Optimization of synergistic biosorption of oxytetracycline and cadmium from binary mixtures on reed-based beads: modeling study using Brouers-Sotolongo models. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46431-46447.	2.7	18
106	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
107	The Effects of pH Change through Liming on Soil N2O Emissions. <i>Processes</i> , 2020, 8, 702.	1.3	15
108	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

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109	Effect of crushed mussel shell addition on bacterial growth in acid polluted soils. <i>Applied Soil Ecology</i> , 2015, 85, 65-68.	2.1	14
110	Removal of anionic pollutants by pine bark is influenced by the mechanism of retention. <i>Chemosphere</i> , 2017, 167, 139-145.	4.2	14
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	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
113	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
114	How to study SARS-CoV-2 in soils?. <i>Environmental Research</i> , 2021, 198, 110464.	3.7	13
115	Use of waste materials to prevent tetracycline antibiotics toxicity on the growth of soil bacterial communities. <i>Environmental Research</i> , 2021, 193, 110404.	3.7	13
116	Nitrogen, phosphorus, potassium, calcium and magnesium release from two compressed fertilizers: column experiments. <i>Solid Earth</i> , 2014, 5, 1351-1360.	1.2	12
117	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
118	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
119	Effect of Oxytetracycline and Chlortetracycline on Bacterial Community Growth in Agricultural Soils. <i>Agronomy</i> , 2020, 10, 1011.	1.3	12
120	SARS-CoV-2 and other pathogens could be determined in liquid samples from soils. <i>Environmental Pollution</i> , 2021, 273, 116445.	3.7	12
121	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
122	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
123	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
124	Ciprofloxacin and Trimethoprim Adsorption/Desorption in Agricultural Soils. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8426.	1.2	12
125	Chromium VI and Fluoride Competitive Adsorption on Different Soils and By-Products. <i>Processes</i> , 2019, 7, 748.	1.3	11
126	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

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127	F sorption/desorption on two soils and on different by-products and waste materials. Environmental Science and Pollution Research, 2016, 23, 14676-14685.	2.7	10
128	As(V) Sorption/Desorption on Different Waste Materials and Soil Samples. International Journal of Environmental Research and Public Health, 2017, 14, 803.	1.2	10
129	Polycyclic aromatic hydrocarbons concentrations in a waste from fuel oil spill and its mixture with other materials: Time-course evolution. Journal of Cleaner Production, 2018, 172, 1910-1917.	4.6	10
130	Bacterial Community Tolerance to Tetracycline Antibiotics in Cu Polluted Soils. Agronomy, 2020, 10, 1220.	1.3	10
131	Evaluation of Toxicity on Ctenopharyngodon idella Due to Tannery Effluent Remediated by Constructed Wetland Technology. Processes, 2020, 8, 612.	1.3	10
132	Photodegradation of Ciprofloxacin, Clarithromycin and Trimethoprim: Influence of pH and Humic Acids. Molecules, 2021, 26, 3080.	1.7	10
133	SARS-CoV-2 and other main pathogenic microorganisms in the environment: Situation in Galicia and Spain. Environmental Research, 2021, 197, 111049.	3.7	10
134	Copper content and distribution in vineyard soils from Betanzos (A Coruña, Spain). Spanish Journal of Soil Science, 0, 5, .	0.0	10
135	Amoxicillin Retention/Release in Agricultural Soils Amended with Different Bio-Adsorbent Materials. Materials, 2022, 15, 3200.	1.3	10
136	Occurrence of Microplastics from Plastic Fragments in Cultivated Soil of Sichuan Province: The Key Controls. Water (Switzerland), 2022, 14, 1417.	1.2	10
137	Pollution potential of copper mine spoil used for road making. Science of the Total Environment, 1998, 221, 111-116.	3.9	9
138	As(V)/Cr(VI) retention on un-amended and waste-amended soil samples: competitive experiments. Environmental Science and Pollution Research, 2017, 24, 1051-1059.	2.7	9
139	Effects of Microbiological and Non-Microbiological Treatments of Sewage Sludge on Antibiotics as Emerging Pollutants Present in Wastewater. , 2019, , 1-17.		9
140	Effects of pine bark amendment on the transport of sulfonamide antibiotics in soils. Chemosphere, 2020, 248, 126041.	4.2	9
141	Soil Enzymatic Activities and Microbial Community Structure in Soils Polluted with Tetracycline Antibiotics. Agronomy, 2021, 11, 906.	1.3	9
142	Adsorption of Tetracycline and Sulfadiazine onto Three Different Bioadsorbents in Binary Competitive Systems. Processes, 2021, 9, 28.	1.3	9
143	Vertical leaching of contaminants present in Cattle slurry: column trials with uncultivated and cultivated soils. International Journal of Environmental Studies, 1996, 50, 27-39.	0.7	8
144	Runoff characteristics in forest plots before and after wood ash fertilization. Maderas: Ciencia Y Tecnologia, 2011, 13, 267-284.	0.7	8

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145	Low cost organic and inorganic sorbents to fight soil and water pollution. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11511-11513.	2.7	8
146	Competitive adsorption and desorption of tetracycline and sulfadiazine in crop soils. <i>Environmental Research</i> , 2022, 214, 113726.	3.7	8
147	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
148	Wheat Straw as a Bio-Sorbent for Arsenate, Chromate, Fluoride, and Nickel. <i>Water (Switzerland)</i> , 2017, 9, 690.	1.2	7
149	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
150	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
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