

# Avelino Nez Delgado

## List of Publications by Citations

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168  
papers

3,138  
citations

28  
h-index

46  
g-index

196  
ext. papers

4,329  
ext. citations

6.8  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
168	Adsorbent properties of red mud and its use for wastewater treatment. <i>Water Research</i> , <b>1998</b> , 32, 1314-1322	13.2	274
167	A concise review of biochar application to agricultural soils to improve soil conditions and fight pollution. <i>Journal of Environmental Management</i> , <b>2018</b> , 228, 429-440	7.9	154
166	A review on halloysite-based adsorbents to remove pollutants in water and wastewater. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 269, 855-868	6	103
165	Removal of caffeine, nicotine and amoxicillin from (waste)waters by various adsorbents. A review. <i>Journal of Environmental Management</i> , <b>2020</b> , 261, 110236	7.9	95
164	Agricultural biomass/waste as adsorbents for toxic metal decontamination of aqueous solutions. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 295, 111684	6	87
163	Occurrence of tetracyclines and sulfonamides in manures, agricultural soils and crops from different areas in Galicia (NW Spain). <i>Journal of Cleaner Production</i> , <b>2018</b> , 197, 491-500	10.3	75
162	Retention of phosphorus by iron and aluminum-oxides-coated quartz particles. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 295, 65-70	9.3	73
161	What do we know about the SARS-CoV-2 coronavirus in the environment?. <i>Science of the Total Environment</i> , <b>2020</b> , 727, 138647	10.2	73
160	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> , <b>2014</b> , 144, 258-64	7.9	54
159	Competitive adsorption/desorption of tetracycline, oxytetracycline and chlortetracycline on two acid soils: Stirred flow chamber experiments. <i>Chemosphere</i> , <b>2015</b> , 134, 361-6	8.4	53
158	Phosphorus removal from wastewater using mussel shell: Investigation on retention mechanisms. <i>Ecological Engineering</i> , <b>2016</b> , 97, 558-566	3.9	46
157	Arsenic, chromium and mercury removal using mussel shell ash or a sludge/ashes waste mixture. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 2670-8	5.1	46
156	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> , <b>2020</b> , 259, 110051	7.9	45
155	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> , <b>2020</b> , 270, 110894	7.9	43
154	Cr(VI) Adsorption and Desorption on Soils and Biosorbents. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	42
153	Aluminium fractionation and speciation in bulk and rhizosphere of a grass soil amended with mussel shells or lime. <i>Geoderma</i> , <b>2012</b> , 173-174, 322-329	6.7	42
152	Kinetics of tetracycline, oxytetracycline, and chlortetracycline adsorption and desorption on two acid soils. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 425-33	5.1	41

151	Cadmium mediated phytotoxic impacts in Brassica napus: Managing growth, physiological and oxidative disturbances through combined use of biochar and Enterobacter sp. MN17. <i>Journal of Environmental Management</i> , <b>2020</b> , 265, 110522	7.9	40
150	Kinetics of Hg(II) adsorption and desorption in calcined mussel shells. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 180, 622-7	12.8	38
149	Experimental data and model prediction of tetracycline adsorption and desorption in agricultural soils. <i>Environmental Research</i> , <b>2019</b> , 177, 108607	7.9	35
148	Heavy metal retention in copper mine soil treated with mussel shells: batch and column experiments. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 248-249, 122-30	12.8	35
147	Biotic and abiotic dissipation of tetracyclines using simulated sunlight and in the dark. <i>Science of the Total Environment</i> , <b>2018</b> , 635, 1520-1529	10.2	34
146	As(V) retention on soils and forest by-products and other waste materials. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 6574-83	5.1	33
145	Degradation of sulfadiazine, sulfachloropyridazine and sulfamethazine in aqueous media. <i>Journal of Environmental Management</i> , <b>2018</b> , 228, 239-248	7.9	32
144	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> , <b>2016</b> , 131, 118-26	7	30
143	Use of Mussel Shells as a Soil Amendment: Effects on Bulk and Rhizosphere Soil and Pasture Production. <i>Pedosphere</i> , <b>2012</b> , 22, 152-164	5	30
142	Burkholderia phytofirmans 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> , <b>2020</b> , 257, 109974	7.9	30
141	Mixtures including wastes from the mussel shell processing industry: retention of arsenic, chromium and mercury. <i>Journal of Cleaner Production</i> , <b>2014</b> , 84, 680-690	10.3	29
140	Cr(VI) sorption/desorption on untreated and mussel-shell-treated soil materials: fractionation and effects of pH and chromium concentration. <i>Solid Earth</i> , <b>2015</b> , 6, 373-382	3.3	28
139	Competitive adsorption of tetracycline, oxytetracycline and chlortetracycline on soils with different pH value and organic matter content. <i>Environmental Research</i> , <b>2019</b> , 178, 108669	7.9	27
138	Competitive and non-competitive cadmium, copper and lead sorption/desorption on wheat straw affecting sustainability in vineyards. <i>Journal of Cleaner Production</i> , <b>2016</b> , 139, 1496-1503	10.3	27
137	Vegetated filter strips for wastewater purification: A review. <i>Bioresource Technology</i> , <b>1995</b> , 51, 13-22	11	27
136	Oxidized biochar obtained from rice straw as adsorbent to remove uranium (VI) from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105104	6.8	27
135	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> , <b>2020</b> , 188, 109808	7.9	26
134	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> , <b>2016</b> , 27, 1276-1285	4.4	26

133	Competitive adsorption and transport of Cd, Cu, Ni and Zn in a mine soil amended with mussel shell. <i>Chemosphere</i> , <b>2014</b> , 107, 379-385	8.4	25
132	Mercury removal using ground and calcined mussel shell. <i>Journal of Environmental Sciences</i> , <b>2013</b> , 25, 2476-86	6.4	25
131	Promoting sustainability in the mussel industry: mussel shell recycling to fight fluoride pollution. <i>Journal of Cleaner Production</i> , <b>2016</b> , 131, 485-490	10.3	24
130	Study of metal transport through pine bark for reutilization as a biosorbent. <i>Chemosphere</i> , <b>2016</b> , 149, 146-53	8.4	24
129	Enhanced adsorption of aqueous Pb(II) by modified biochar produced through pyrolysis of watermelon seeds. <i>Science of the Total Environment</i> , <b>2021</b> , 784, 147136	10.2	24
128	Perspectives on the use of by-products to treat soil and water pollution. <i>Microporous and Mesoporous Materials</i> , <b>2015</b> , 210, 199-201	5.3	23
127	Biochar synthesis from sweet lime peel for hexavalent chromium remediation from aqueous solution. <i>Journal of Environmental Management</i> , <b>2019</b> , 251, 109570	7.9	22
126	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> , <b>2014</b> , 45, 1007-1014	5.3	22
125	Novel AgPO/boron-carbon-nitrogen photocatalyst for highly efficient degradation of organic pollutants under visible-light irradiation. <i>Journal of Environmental Management</i> , <b>2021</b> , 292, 112763	7.9	22
124	As(V) and P Competitive Sorption on Soils, By-Products and Waste Materials. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 15706-15	4.6	21
123	Utilization of <i>Citrullus lanatus</i> L. seeds to synthesize a novel MnFeO-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> , <b>2021</b> , 771, 144955	10.2	21
122	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> , <b>2016</b> , 562, 179-190	10.2	21
121	Heavy metals fractionation and desorption in pine bark amended mine soils. <i>Journal of Environmental Management</i> , <b>2017</b> , 192, 79-88	7.9	20
120	Risk of water pollution due to ash-sludge mixtures: column trials. <i>International Journal of Environmental Science and Technology</i> , <b>2012</b> , 9, 21-29	3.3	20
119	Chloride, sodium, potassium and faecal bacteria levels in surface runoff and subsurface percolates from grassland plots amended with cattle slurry. <i>Bioresource Technology</i> , <b>2002</b> , 82, 261-71	11	20
118	Evolution of Chemical Characteristics of Technosols in an Afforested Coal Mine Dump over a 20-year Period. <i>Land Degradation and Development</i> , <b>2016</b> , 27, 1640-1649	4.4	20
117	Influence of mussel shell on As and Cr competitive and non-competitive sorption-desorption kinetics in a mine soil: stirred flow chamber experiments. <i>Geoderma</i> , <b>2014</b> , 232-234, 300-308	6.7	19
116	Attenuation of groundwater contamination caused by cattle slurry: a plot-scale experimental study. <i>Bioresource Technology</i> , <b>2002</b> , 84, 105-11	11	19

115	Single and simultaneous adsorption of three sulfonamides in agricultural soils: Effects of pH and organic matter content. <i>Science of the Total Environment</i> , <b>2020</b> , 744, 140872	10.2	19
114	Adsorption, desorption and fractionation of As(V) on untreated and mussel shell-treated granitic material. <i>Solid Earth</i> , <b>2015</b> , 6, 337-346	3.3	18
113	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> , <b>2021</b> , 780, 146617	10.2	18
112	Competitive adsorption/desorption of tetracycline, oxytetracycline and chlortetracycline on pine bark, oak ash and mussel shell. <i>Journal of Environmental Management</i> , <b>2019</b> , 250, 109509	7.9	17
111	Measurement of cholinesterase activity inhibition for the detection of organophosphorus and carbamate pesticides in water. <i>International Journal of Environmental Studies</i> , <b>1995</b> , 48, 211-219	1.8	17
110	Interactions between soil properties and tetracycline toxicity affecting to bacterial community growth in agricultural soil. <i>Applied Soil Ecology</i> , <b>2020</b> , 147, 103437	5	17
109	SARS-CoV-2 in soils. <i>Environmental Research</i> , <b>2020</b> , 190, 110045	7.9	17
108	Adsorption-desorption of doxycycline in agricultural soils: Batch and stirred-flow-chamber experiments. <i>Environmental Research</i> , <b>2020</b> , 186, 109565	7.9	16
107	pH-dependent copper release in acid soils treated with crushed mussel shell. <i>International Journal of Environmental Science and Technology</i> , <b>2013</b> , 10, 983-994	3.3	16
106	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> , <b>2014</b> , 70, 154-163	10.3	16
105	Groundwater contamination due to cattle slurry: modelling infiltration on the basis of soil column experiments. <i>Water Research</i> , <b>2000</b> , 34, 1017-1029	12.5	16
104	Tetracycline and Sulfonamide Antibiotics in Soils: Presence, Fate and Environmental Risks. <i>Processes</i> , <b>2020</b> , 8, 1479	2.9	16
103	TiO <sub>2</sub> /g-CN photocatalyst for the purification of potassium butyl xanthate in mineral processing wastewater. <i>Journal of Environmental Management</i> , <b>2021</b> , 297, 113311	7.9	16
102	Adsorption/desorption and transport of sulfadiazine, sulfachloropyridazine, and sulfamethazine, in acid agricultural soils. <i>Chemosphere</i> , <b>2019</b> , 234, 978-986	8.4	15
101	Use of biomass ash to reduce toxicity affecting soil bacterial community growth due to tetracycline antibiotics. <i>Journal of Environmental Management</i> , <b>2020</b> , 269, 110838	7.9	15
100	Estimation of adsorption/desorption Freundlich affinity coefficients for oxytetracycline and chlortetracycline from soil properties: Experimental data and pedotransfer functions. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 196, 110584	7	15
99	Pedotransfer functions to estimate the adsorption and desorption of sulfadiazine in agricultural soils. <i>Science of the Total Environment</i> , <b>2019</b> , 691, 933-942	10.2	15
98	Characterization and Evaluation of Compost Utilized as Ornamental Plant Substrate. <i>Compost Science and Utilization</i> , <b>2009</b> , 17, 210-219	1.2	15

97	Pollution attenuation by soils receiving cattle slurry after passage of a slurry-like feed solution. Column experiments. <i>Bioresource Technology</i> , <b>2002</b> , 84, 229-36	11	15
96	Highly efficient uranium (VI) capture from aqueous solution by means of a hydroxyapatite-biochar nanocomposite: Adsorption behavior and mechanism. <i>Environmental Research</i> , <b>2021</b> , 201, 111518	7.9	15
95	Chromium and fluoride sorption/desorption on un-amended and waste-amended forest and vineyard soils and pyritic material. <i>Journal of Environmental Management</i> , <b>2018</b> , 222, 3-11	7.9	14
94	Experimental data and modeling for sulfachloropyridazine and sulfamethazine adsorption/desorption on agricultural acid soils. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 288, 109607	5.3	13
93	Soil and fine roots ecological stoichiometry in different vegetation restoration stages in a karst area, southwest China. <i>Journal of Environmental Management</i> , <b>2019</b> , 252, 109694	7.9	13
92	Removal of anionic pollutants by pine bark is influenced by the mechanism of retention. <i>Chemosphere</i> , <b>2017</b> , 167, 139-145	8.4	13
91	Cu Immobilization and Lolium perenne Development in an Acid Vineyard Soil Amended with Crushed Mussel Shell. <i>Land Degradation and Development</i> , <b>2017</b> , 28, 762-772	4.4	13
90	Cr(VI) Sorption/Desorption on Pine Sawdust and Oak Wood Ash. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 8849-60	4.6	13
89	Phytotoxicity of petroleum hydrocarbons: Sources, impacts and remediation strategies. <i>Environmental Research</i> , <b>2021</b> , 197, 111031	7.9	13
88	As(V)/Cr(VI) pollution control in soils, hemp waste, and other by-products: competitive sorption trials. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 19182-92	5.1	13
87	Additions of optimum water, spent mushroom compost and wood biochar to improve the growth performance of Althaea rosea in drought-prone coal-mined spoils. <i>Journal of Environmental Management</i> , <b>2021</b> , 295, 113076	7.9	13
86	Breakthrough of inorganic ions present in cattle slurry: Soil column trials. <i>Water Research</i> , <b>1997</b> , 31, 2892-2898	2.8	12
85	SARS-CoV-2 and other viruses in soil: An environmental outlook. <i>Environmental Research</i> , <b>2021</b> , 198, 111297	7.9	12
84	Adsorption/desorption of three tetracycline antibiotics on different soils in binary competitive systems. <i>Journal of Environmental Management</i> , <b>2020</b> , 262, 110337	7.9	11
83	Using pine bark and mussel shell amendments to reclaim microbial functions in a Cu polluted acid mine soil. <i>Applied Soil Ecology</i> , <b>2018</b> , 127, 102-111	5	11
82	Photocatalytic degradation of xanthate in flotation plant tailings by TiO <sub>2</sub> /graphene nanocomposites. <i>Chemical Engineering Journal</i> , <b>2022</b> , 431, 134104	14.7	11
81	Adsorption/desorption of sulfamethoxypyridazine and enrofloxacin in agricultural soils. <i>Science of the Total Environment</i> , <b>2020</b> , 706, 136015	10.2	11
80	Effect of crushed mussel shell addition on bacterial growth in acid polluted soils. <i>Applied Soil Ecology</i> , <b>2015</b> , 85, 65-68	5	10

79	Cadmium and Lead Sorption/Desorption on Non-Amended and By-Product-Amended Soil Samples and Pyritic Material. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 886	3	10
78	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> , <b>2011</b> , 13, 307-318	1	10
77	Phosphorus retention on forest and vineyard soil samples, mussel shell, pine-sawdust, and on pyritic, granitic and waste materials. <i>Geoderma</i> , <b>2016</b> , 280, 8-13	6.7	10
76	Spatial variation of sediment bacterial community in an acid mine drainage contaminated area and surrounding river basin. <i>Journal of Environmental Management</i> , <b>2019</b> , 251, 109542	7.9	9
75	Copper content and distribution in vineyard soils from Betanzos (A Coruña, Spain). <i>Spanish Journal of Soil Science</i> , 5,		9
74	Competitive adsorption and desorption of three tetracycline antibiotics on bio-sorbent materials in binary systems. <i>Environmental Research</i> , <b>2020</b> , 190, 110003	7.9	9
73	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> , <b>2021</b> , 292, 112764	7.9	9
72	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> , <b>2020</b> , 261, 110221	7.9	8
71	As(V)/Cr(VI) retention on un-amended and waste-amended soil samples: competitive experiments. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 1051-1059	5.1	8
70	As(V) Sorption/Desorption on Different Waste Materials and Soil Samples. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	8
69	Nitrogen, phosphorus, potassium, calcium and magnesium release from two compressed fertilizers: column experiments. <i>Solid Earth</i> , <b>2014</b> , 5, 1351-1360	3.3	8
68	Pollution potential of copper mine spoil used for road making. <i>Science of the Total Environment</i> , <b>1998</b> , 221, 111-116	10.2	8
67	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> , <b>2021</b> , 770, 145302	10.2	8
66	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> , <b>2018</b> , 172, 1910-1917	10.3	8
65	Effects of pine bark amendment on the transport of sulfonamide antibiotics in soils. <i>Chemosphere</i> , <b>2020</b> , 248, 126041	8.4	7
64	Effects of Microbiological and Non-Microbiological Treatments of Sewage Sludge on Antibiotics as Emerging Pollutants Present in Wastewater <b>2019</b> , 1-17		7
63	Runoff characteristics in forest plots before and after wood ash fertilization. <i>Maderas: Ciencia Y Tecnologia</i> , <b>2011</b> , 13, 267-284	1	7
62	Effect of Oxytetracycline and Chlortetracycline on Bacterial Community Growth in Agricultural Soils. <i>Agronomy</i> , <b>2020</b> , 10, 1011	3.6	7

61	F sorption/desorption on two soils and on different by-products and waste materials. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 14676-85	5.1	7
60	How to study SARS-CoV-2 in soils?. <i>Environmental Research</i> , <b>2021</b> , 198, 110464	7.9	7
59	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> , <b>2019</b> , 672, 389-399	10.2	6
58	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> , <b>2021</b> , 28, 46431-46447	5.1	6
57	Wheat Straw as a Bio-Sorbent for Arsenate, Chromate, Fluoride, and Nickel. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 690	3	6
56	SARS-CoV-2 and other pathogens could be determined in liquid samples from soils. <i>Environmental Pollution</i> , <b>2021</b> , 273, 116445	9.3	6
55	Sulfadiazine, sulfamethazine and sulfachloropyridazine removal using three different porous materials: Pine bark, "oak ash" and mussel shell. <i>Environmental Research</i> , <b>2021</b> , 195, 110814	7.9	6
54	Vertical leaching of contaminants present in Cattle slurry: column trials with uncultivated and cultivated soils. <i>International Journal of Environmental Studies</i> , <b>1996</b> , 50, 27-39	1.8	5
53	Stability of soil organic carbon under long-term fertilization: Results from C NMR analysis and laboratory incubation. <i>Environmental Research</i> , <b>2021</b> , 205, 112476	7.9	5
52	SARS-CoV-2 and other main pathogenic microorganisms in the environment: Situation in Galicia and Spain. <i>Environmental Research</i> , <b>2021</b> , 197, 111049	7.9	5
51	Highly active iron-nitrogen-boron-carbon bifunctional electrocatalytic platform for hydrogen peroxide sensing and oxygen reduction. <i>Environmental Research</i> , <b>2021</b> , 201, 111563	7.9	5
50	Restoring effect of soil acidity and Cu on NO emissions from an acidic soil. <i>Journal of Environmental Management</i> , <b>2019</b> , 250, 109535	7.9	4
49	Pine Bark Amendment to Promote Sustainability in Cu-Polluted Acid Soils: Effects on Lolium perenne Growth and Cu Uptake. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	4
48	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> , <b>2001</b> , 44, 173-180	2.2	4
47	Bacterial Community Tolerance to Tetracycline Antibiotics in Cu Polluted Soils. <i>Agronomy</i> , <b>2020</b> , 10, 1220.6	9.6	4
46	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> , <b>2021</b> , 287, 112354	7.9	4
45	Boron application mitigates Cd toxicity in leaves of rice by subcellular distribution, cell wall adsorption and antioxidant system. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 222, 112540	7	4
44	Welfare index, waste and expropriation. <i>Journal of Cleaner Production</i> , <b>2015</b> , 96, 10-11	10.3	3



43	Evaluation of Toxicity on <i>Ctenopharyngodon idella</i> Due to Tannery Effluent Remediated by Constructed Wetland Technology. <i>Processes</i> , <b>2020</b> , 8, 612	2.9	3
42	Aluminum fractionation and speciation in a coal mine dump: Twenty years of time-course evolution. <i>Geoderma</i> , <b>2016</b> , 273, 45-53	6.7	3
41	Effects of Changing pH, Incubation Time, and As(V) Competition, on F Retention on Soils, Natural Adsorbents, By-Products, and Waste Materials. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 51	5	3
40	The impact of pristine and modified rice straw biochar on the emission of greenhouse gases from a red acidic soil.. <i>Environmental Research</i> , <b>2022</b> , 208, 112676	7.9	3
39	Introducing Students to Remediation of Polluted Soils: Influence of Waste-Based Amendments on Cd Extractability. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 221-225	2.4	3
38	Heavy crude oil viscosity reduction by dilution with hydrocarbons obtained via pyrolysis of polypropylene and polystyrene. <i>Petroleum Science and Technology</i> , <b>2020</b> , 38, 651-658	1.4	3
37	Retention of the Antibiotic Cefuroxime onto Agricultural and Forest Soils. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4663	2.6	3
36	Efficacy of Different Waste and By-Products from Forest and Food Industries in the Removal/Retention of the Antibiotic Cefuroxime. <i>Processes</i> , <b>2021</b> , 9, 1151	2.9	3
35	Chromium VI and Fluoride Competitive Adsorption on Different Soils and By-Products. <i>Processes</i> , <b>2019</b> , 7, 748	2.9	3
34	Use of waste materials to prevent tetracycline antibiotics toxicity on the growth of soil bacterial communities. <i>Environmental Research</i> , <b>2021</b> , 193, 110404	7.9	3
33	Biomass-derived N,S co-doped 3D multichannel carbon supported Au@Pd@Pt catalysts for oxygen reduction. <i>Environmental Research</i> , <b>2021</b> , 202, 111684	7.9	3
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