

# Avelino Nez Delgado

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Degradation of Doxycycline, Enrofloxacin, and Sulfamethoxy pyridazine under Simulated Sunlight at Different pH Values and Chemical Environments. <i>Agronomy</i> , <b>2022</b> , 12, 260	3.6	1
167	Relevance of sorption in bio-reduction of amoxicillin taking place in forest and crop soils.. <i>Environmental Research</i> , <b>2022</b> , 208, 112753	7.9	0
166	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
165	Biotic and Abiotic Contamination Due to Emerging Pollutants in Sewage Sludge and Soils: A Country-Based Perspective. <i>Handbook of Environmental Chemistry</i> , <b>2022</b> , 1	0.8	
164	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
163	Mitigation of greenhouse gas emissions from a red acidic soil by using magnesium-modified wheat straw biochar. <i>Environmental Research</i> , <b>2022</b> , 203, 111879	7.9	1
162	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> , <b>2022</b> , 617, 118-128	9.3	2
161	Heavy metals pollution characteristics and risk assessment in sediments and waters: The case of Tianjin, China.. <i>Environmental Research</i> , <b>2022</b> , 212, 113162	7.9	0
160	Occurrence of Microplastics from Plastic Fragments in Cultivated Soil of Sichuan Province: The Key Controls. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1417	3	0
159	Biochar production with amelioration of microwave-assisted pyrolysis: Current scenario, drawbacks and perspectives.. <i>Bioresource Technology</i> , <b>2022</b> , 355, 127303	11	2
158	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> , <b>2022</b> , 316, 115209	7.9	1
157	Appraisal of different land use systems for heterotrophic respiration in a Karst landscape.. <i>Environmental Research</i> , <b>2022</b> , 113480	7.9	
156	Utilization of mussel shell to remediate soils polluted with heavy metals <b>2022</b> , 221-242		0
155	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
154	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> , <b>2021</b> , 112440	7.9	1
153	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
152	Adsorption of Tetracycline and Sulfadiazine onto Three Different Bioadsorbents in Binary Competitive Systems. <i>Processes</i> , <b>2021</b> , 9, 28	2.9	2

151	Time-course evolution of bacterial community tolerance to tetracycline antibiotics in agricultural soils: A laboratory experiment. <i>Chemosphere</i> , <b>2021</b> , 291, 132758	8.4	2
150	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
149	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
148	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
147	Photodegradation of Ciprofloxacin, Clarithromycin and Trimethoprim: Influence of pH and Humic Acids. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
146	Soil Enzymatic Activities and Microbial Community Structure in Soils Polluted with Tetracycline Antibiotics. <i>Agronomy</i> , <b>2021</b> , 11, 906	3.6	1
145	Retention of the Antibiotic Cefuroxime onto Agricultural and Forest Soils. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4663	2.6	3
144	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
143	Environmental relevance of adsorption of doxycycline, enrofloxacin, and sulfamethoxy pyridazine before and after the removal of organic matter from soils. <i>Journal of Environmental Management</i> , <b>2021</b> , 287, 112354	7.9	4
142	Control of Sunroof Buffeting Noise by Optimizing the Flow Field Characteristics of a Commercial Vehicle. <i>Processes</i> , <b>2021</b> , 9, 1052	2.9	0
141	Phytotoxicity of petroleum hydrocarbons: Sources, impacts and remediation strategies. <i>Environmental Research</i> , <b>2021</b> , 197, 111031	7.9	13
140	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
139	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
138	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
137	How to study SARS-CoV-2 in soils?. <i>Environmental Research</i> , <b>2021</b> , 198, 110464	7.9	7
136	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
135	Data on the use of sorbents to control pollution in Europe, with main focus on Spain and Galicia <b>2021</b> , 15-31		
134	Sorbents to control soil pollution <b>2021</b> , 691-700		0

133	Optimization of Simultaneous Removal of Binary Toxic Antibiotic and Heavy Metal by Novel Biocomposite Beads: Modeling Study Using BrouersBotolongo Family Equations. <i>Environmental Science and Engineering</i> , <b>2021</b> , 107-113	0.2	
132	A Novel Manganese-Rich Pokeweed Biochar for Highly Efficient Adsorption of Heavy Metals from Wastewater: Performance, Mechanisms, and Potential Risk Analysis. <i>Processes</i> , <b>2021</b> , 9, 1209	2.9	1
131	SARS-CoV-2 and other viruses in soil: An environmental outlook. <i>Environmental Research</i> , <b>2021</b> , 198, 111297	7.9	12
130	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
129	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
128	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
127	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
126	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
125	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> , <b>2021</b> , 295, 113076	7.9	13
124	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
123	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
122	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
121	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
120	Sorbents for antibiotics removal <b>2021</b> , 417-433		
119	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
118	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
117	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
116	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

115	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
114	The Effects of pH Change through Liming on Soil N <sub>2</sub> O Emissions. <i>Processes</i> , <b>2020</b> , 8, 702	2.9	2
113	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
112	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
111	Effects of pine bark amendment on the transport of sulfonamide antibiotics in soils. <i>Chemosphere</i> , <b>2020</b> , 248, 126041	8.4	7
110	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
109	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
108	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> , <b>2020</b> , 265, 110522	7.9	40
107	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> , <b>2020</b> , 196, 110584	7	15
106	By-Products from Forest Activities as Low-Cost Sorbents for Bioremediation of Effluents and Other Polluted Media <b>2020</b> , 1-14		
105	<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> , <b>2020</b> , 257, 109974	7.9	30
104	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
103	Adsorption/desorption of sulfamethoxypyridazine and enrofloxacin in agricultural soils. <i>Science of the Total Environment</i> , <b>2020</b> , 706, 136015	10.2	11
102	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
101	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
100	SARS-CoV-2 in soils. <i>Environmental Research</i> , <b>2020</b> , 190, 110045	7.9	17
99	Tetracycline and Sulfonamide Antibiotics in Soils: Presence, Fate and Environmental Risks. <i>Processes</i> , <b>2020</b> , 8, 1479	2.9	16
98	Effect of Oxytetracycline and Chlortetracycline on Bacterial Community Growth in Agricultural Soils. <i>Agronomy</i> , <b>2020</b> , 10, 1011	3.6	7

97	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
96	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
95	Bacterial Community Tolerance to Tetracycline Antibiotics in Cu Polluted Soils. <i>Agronomy</i> , <b>2020</b> , 10, 1220.6	9.6	4
94	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> , <b>2020</b> , 17,	4.6	2
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	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. <i>Land Degradation and Development</i> , <b>2019</b> , 30, 658-669	4.4	0
85	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
84	Controlling risks of P water pollution by sorption on soils, pyritic material, granitic material, and different by-products: effects of pH and incubation time. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 11558-11564	5.1	2
83	Effects of Microbiological and Non-Microbiological Treatments of Sewage Sludge on Antibiotics as Emerging Pollutants Present in Wastewater <b>2019</b> , 1-17		7
82	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
81	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
80	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

79	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
78	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
77	Chromium VI and Fluoride Competitive Adsorption on Different Soils and By-Products. <i>Processes</i> , <b>2019</b> , 7, 748	2.9	3
76	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
75	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
74	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
73	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
72	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
71	Degradation of sulfadiazine, sulfachloropyridazine and sulfamethazine in aqueous media. <i>Journal of Environmental Management</i> , <b>2018</b> , 228, 239-248	7.9	32
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	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

61	Wheat Straw as a Bio-Sorbent for Arsenate, Chromate, Fluoride, and Nickel. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 690	3	6
60	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
59	Phosphorus removal from wastewater using mussel shell: Investigation on retention mechanisms. <i>Ecological Engineering</i> , <b>2016</b> , 97, 558-566	3.9	46
58	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
57	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
56	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
55	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
54	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
53	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
52	Study of metal transport through pine bark for reutilization as a biosorbent. <i>Chemosphere</i> , <b>2016</b> , 149, 146-53	8.4	24
51	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
50	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
49	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
48	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
47	Take the waste and run (Correspondence on: Riding, M.J., Herbert, B.M.J., Ricketts, L., Dodd, I., Ostle, N., Semple, K.T. 2015. Harmonising conflicts between science, regulation, perception and environmental impact: The case of soil conditioners from bioenergy. <i>Environment International</i> 75, 52-67.). <i>Environment International</i> , <b>2015</b> , 77, 161	12.9	1
46	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
45	Scientists talking to politicians: Could you please save the environment? (Correspondence on Diamond et al. 2015. Exploring the planetary boundary for chemical pollution. <i>Environment International</i> 78, 8-15). <i>Environment International</i> , <b>2015</b> , 82, 113	12.9	1
44	Welfare index, waste and expropriation. <i>Journal of Cleaner Production</i> , <b>2015</b> , 96, 10-11	10.3	3



43	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
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	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
34	Waste or gold?. <i>Journal of Cleaner Production</i> , <b>2014</b> , 83, 497	10.3	1
33	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
32	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
31	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
30	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
29	Cr(VI) adsorption/desorption on untreated and mussel shell-treated soil materials: fractionation and effects of pH and chromium concentration <b>2014</b> ,		1
28	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
27	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
26	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

25	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
24	Mercury removal using ground and calcined mussel shell. <i>Journal of Environmental Sciences</i> , <b>2013</b> , 25, 2476-86	6.4	25
23	Cr(VI) Adsorption and Desorption on Soils and Biosorbents. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	42
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	Adsorbent properties of red mud and its use for wastewater treatment. <i>Water Research</i> , <b>1998</b> , 32, 1314-1322	13.2	274

7	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
6	Breakthrough of inorganic ions present in cattle slurry: Soil column trials. <i>Water Research</i> , <b>1997</b> , 31, 2892-2898	1.8	12
5	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
4	Vegetated filter strips for wastewater purification: A review. <i>Bioresource Technology</i> , <b>1995</b> , 51, 13-22	11	27
3	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
2	Copper content and distribution in vineyard soils from Betanzos (A Coruña, Spain). <i>Spanish Journal of Soil Science</i> , 5,		9
1	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> , 5,		2