

Carlos Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

236
papers

15,615
citations

9786

73
h-index

22832

112
g-index

237
all docs

237
docs citations

237
times ranked

12104
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional rarity and evenness are key facets of biodiversity to boost multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	46
2	Soil microbial diversityâ€“biomass relationships are driven by soil carbon content across global biomes. ISME Journal, 2021, 15, 2081-2091.	9.8	186
3	Agronomic Assessment of a Controlled-Release Polymer-Coated Urea-Based Fertilizer in Maize. Plants, 2021, 10, 594.	3.5	7
4	Organic versus inorganic fertilizers: Response of soil properties and crop yield. AIMS Geosciences, 2021, 7, 415-439.	1.0	13
5	Climatic vulnerabilities and ecological preferences of soil invertebrates across biomes. Molecular Ecology, 2020, 29, 752-761.	3.9	29
6	Examining the bentonite produced in a biodiesel refinery process as soil amendment in a well-draining soil. Clean Technologies and Environmental Policy, 2020, 22, 1855-1870.	4.1	0
7	Enhanced Agronomic Efficiency Using a New Controlled-Released, Polymeric-Coated Nitrogen Fertilizer in Rice. Plants, 2020, 9, 1183.	3.5	32
8	New Eco-Friendly Polymeric-Coated Urea Fertilizers Enhanced Crop Yield in Wheat. Agronomy, 2020, 10, 438.	3.0	45
9	Land use shapes the resistance of the soil microbial community and the C cycling response to drought in a semi-arid area. Science of the Total Environment, 2019, 648, 1018-1030.	8.0	20
10	Global ecological predictors of the soil priming effect. Nature Communications, 2019, 10, 3481.	12.8	148
11	Solarization-based pesticide degradation results in decreased activity and biomass of the soil microbial community. Geoderma, 2019, 354, 113893.	5.1	12
12	When drought meets forest management: Effects on the soil microbial community of a Holm oak forest ecosystem. Science of the Total Environment, 2019, 662, 276-286.	8.0	45
13	Boron in soil: The impacts on the biomass, composition and activity of the soil microbial community. Science of the Total Environment, 2019, 685, 564-573.	8.0	47
14	A soilâ€“quality index for soil from Mediterranean forests. European Journal of Soil Science, 2019, 70, 1001-1011.	3.9	16
15	Composts as alternative to inorganic fertilization for cereal crops. Environmental Science and Pollution Research, 2019, 26, 35340-35352.	5.3	4
16	The effects of struvite and sewage sludge on plant yield and the microbial community of a semiarid Mediterranean soil. Geoderma, 2019, 337, 1051-1057.	5.1	46
17	Production of biostimulants from okara through enzymatic hydrolysis and fermentation with <i>Bacillus licheniformis</i> : comparative effect on soil biological properties. Environmental Technology (United Kingdom), 2019, 40, 2073-2084.	2.2	12
18	Production of an innovative biowaste-derived fertilizer: Rapid monitoring of physical-chemical parameters by hyperspectral imaging. Waste Management, 2018, 75, 141-148.	7.4	12

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19	A tree from waste: Decontaminated dredged sediments for growing forest tree seedlings. Journal of Environmental Management, 2018, 211, 269-277.	7.8	14
20	The extracellular metaproteome of soils under semiarid climate: A methodological comparison of extraction buffers. Science of the Total Environment, 2018, 619-620, 707-711.	8.0	18
21	Comparing the impacts of drip irrigation by freshwater and reclaimed wastewater on the soil microbial community of two citrus species. Agricultural Water Management, 2018, 203, 53-62.	5.6	27
22	Changes in humic fraction characteristics and humus-enzyme complexes formation in semiarid degraded soils restored with fresh and composted urban wastes. A 5-year field experiment. Journal of Soils and Sediments, 2018, 18, 1376-1388.	3.0	9
23	Prokaryotic communities and potential pathogens in sewage sludge: Response to wastewater origin, loading rate and treatment technology. Science of the Total Environment, 2018, 615, 360-368.	8.0	27
24	Climate shapes the protein abundance of dominant soil bacteria. Science of the Total Environment, 2018, 640-641, 18-21.	8.0	12
25	Soil Erosion and C Losses: Strategies for Building Soil Carbon. , 2018, , 215-238.		8
26	The Future of Soil Carbon. , 2018, , 239-267.		14
27	Innovative system for biochemical monitoring of degraded soils restoration. Catena, 2017, 152, 173-181.	5.0	4
28	Native soil organic matter conditions the response of microbial communities to organic inputs with different stability. Geoderma, 2017, 295, 1-9.	5.1	45
29	Testing decontaminated sediments as a substrate for ornamentals in field nursery plantations. Journal of Environmental Management, 2017, 197, 681-693.	7.8	20
30	Soil Biology Changes as a Consequence of Organic Amendments Subjected to a Severe Drought. Land Degradation and Development, 2017, 28, 897-905.	3.9	15
31	Differential sensitivity of total and active soil microbial communities to drought and forest management. Global Change Biology, 2017, 23, 4185-4203.	9.5	150
32	The impacts of organic amendments: Do they confer stability against drought on the soil microbial community?. Soil Biology and Biochemistry, 2017, 113, 173-183.	8.8	62
33	Agro-forestry management of Paulownia plantations and their impact on soil biological quality: The effects of fertilization and irrigation treatments. Applied Soil Ecology, 2017, 117-118, 46-56.	4.3	19
34	The effects on soil aggregation and carbon fixation of different organic amendments for restoring degraded soil in semiarid areas. European Journal of Soil Science, 2017, 68, 941-950.	3.9	22
35	Ecological and functional adaptations to water management in a semiarid agroecosystem: a soil metaproteomics approach. Scientific Reports, 2017, 7, 10221.	3.3	34
36	2. Soils in Arid and Semiarid Environments: the Importance of Organic Carbon and Microbial Populations. Facing the Future. , 2017, , 15-30.		2

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37	Combined effects of reduced irrigation and water quality on the soil microbial community of a citrus orchard under semi-arid conditions. <i>Soil Biology and Biochemistry</i> , 2017, 104, 226-237.	8.8	94
38	Possible Uses for Sludge from Drinking Water Treatment Plants. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	1.4	37
39	The Impact of <i>Allolobophora mollerion</i> Soil Biology Under Different Organic Amendments. <i>Land Degradation and Development</i> , 2017, 28, 918-925.	3.9	3
40	Type and quantity of organic amendments determine the amount of carbon stabilized in particle-size fractions of a semiarid degraded soil. <i>Arid Land Research and Management</i> , 2017, 31, 14-28.	1.6	2
41	Fire modifies the phylogenetic structure of soil bacterial co-occurrence networks. <i>Environmental Microbiology</i> , 2017, 19, 317-327.	3.8	48
42	Physiological performance and growth of <i>Viburnum tinus</i> L. on phytoremediated sediments for plant nursing purpose. <i>IForest</i> , 2017, 10, 55-63.	1.4	2
43	Organic amendments for soil restoration in arid and semiarid areas: a review. <i>AIMS Environmental Science</i> , 2017, 4, 640-676.	1.4	27
44	The combination of quarry restoration strategies in semiarid climate induces different responses in biochemical and microbiological soil properties. <i>Applied Soil Ecology</i> , 2016, 107, 33-47.	4.3	51
45	Use of compost as an alternative to conventional inorganic fertilizers in intensive lettuce (<i>Lactuca</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 5.6 102	5.6	102
46	Behavior of two pesticides in a soil subjected to severe drought. Effects on soil biology. <i>Applied Soil Ecology</i> , 2016, 105, 17-24.	4.3	28
47	The active microbial diversity drives ecosystem multifunctionality and is physiologically related to carbon availability in Mediterranean semi-arid soils. <i>Molecular Ecology</i> , 2016, 25, 4660-4673.	3.9	151
48	The enzymatic and physiological response of the microbial community in semiarid soil to carbon compounds from plants. <i>European Journal of Soil Science</i> , 2016, 67, 456-469.	3.9	14
49	Characterization of a new fertilizer during field trials by hyperspectral imaging. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
50	Organic plum cultivation in the Mediterranean region: The medium-term effect of five different organic soil management practices on crop production and microbiological soil quality. <i>Agriculture, Ecosystems and Environment</i> , 2016, 221, 60-70.	5.3	12
51	The ecological and physiological responses of the microbial community from a semiarid soil to hydrocarbon contamination and its bioremediation using compost amendment. <i>Journal of Proteomics</i> , 2016, 135, 162-169.	2.4	136
52	Soil restoration with organic amendments: linking cellular functionality and ecosystem processes. <i>Scientific Reports</i> , 2015, 5, 15550.	3.3	104
53	Benefactor and allelopathic shrub species have different effects on the soil microbial community along an environmental severity gradient. <i>Soil Biology and Biochemistry</i> , 2015, 88, 48-57.	8.8	44
54	Accelerated degradation of PAHs using edaphic biostimulants obtained from sewage sludge and chicken feathers. <i>Journal of Hazardous Materials</i> , 2015, 300, 235-242.	12.4	17

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55	The effects of fresh and stabilized pruning wastes on the biomass, structure and activity of the soil microbial community in a semiarid climate. <i>Applied Soil Ecology</i> , 2015, 89, 1-9.	4.3	32
56	Response of Soil Microbial Activity and Biodiversity in Soils Polluted with Different Concentrations of Cypermethrin Insecticide. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 8-19.	4.1	33
57	A strategy for marginal semiarid degraded soil restoration: A sole addition of compost at a high rate. A five-year field experiment. <i>Soil Biology and Biochemistry</i> , 2015, 89, 61-71.	8.8	52
58	Production of an innovative fertilizer from organic waste: process monitoring by hyperspectral imaging. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
59	Deforestation fosters bacterial diversity and the cyanobacterial community responsible for carbon fixation processes under semiarid climate: a metaproteomics study. <i>Applied Soil Ecology</i> , 2015, 93, 65-67.	4.3	27
60	What nurse shrubs can do for barren soils: rapid productivity shifts associated with a 40Âyears ontogenetic gradient. <i>Plant and Soil</i> , 2015, 388, 197-209.	3.7	43
61	Field trial on removal of petroleumâ€hydrocarbon pollutants using a microbial consortium for bioremediation and rhizoremediation. <i>Environmental Microbiology Reports</i> , 2015, 7, 85-94.	2.4	32
62	Towards a more sustainable fertilization: Combined use of compost and inorganic fertilization for tomato cultivation. <i>Agriculture, Ecosystems and Environment</i> , 2014, 196, 178-184.	5.3	89
63	Methodological interference of biochar in the determination of extracellular enzyme activities in composting samples. <i>Solid Earth</i> , 2014, 5, 713-719.	2.8	15
64	A role for biotic filtering in driving phylogenetic clustering in soil bacterial communities. <i>Global Ecology and Biogeography</i> , 2014, 23, 1346-1355.	5.8	47
65	Behavior of oxyfluorfen in soils amended with different sources of organic matter. Effects on soil biology. <i>Journal of Hazardous Materials</i> , 2014, 273, 207-214.	12.4	31
66	Metaproteomics of soils from semiarid environment: Functional and phylogenetic information obtained with different protein extraction methods. <i>Journal of Proteomics</i> , 2014, 101, 31-42.	2.4	82
67	Plant phylodiversity enhances soil microbial productivity in facilitation-driven communities. <i>Oecologia</i> , 2014, 174, 909-920.	2.0	44
68	Proteomic analysis of enzyme production by <i>Bacillus licheniformis</i> using different feather wastes as the sole fermentation media. <i>Enzyme and Microbial Technology</i> , 2014, 57, 1-7.	3.2	53
69	Soil aggregation in a semiarid soil amended with composted and non-composted sewage sludgeâ€A field experiment. <i>Geoderma</i> , 2014, 219-220, 24-31.	5.1	47
70	Bacterial community in semiarid hydrocarbon contaminated soils treated by aeration and organic amendments. <i>International Biodeterioration and Biodegradation</i> , 2014, 94, 200-206.	3.9	26
71	Abiotic stress tolerance and competitionâ€related traits underlie phylogenetic clustering in soil bacterial communities. <i>Ecology Letters</i> , 2014, 17, 1191-1201.	6.4	98
72	The role of lignin and cellulose in the carbon-cycling of degraded soils under semiarid climate and their relation to microbial biomass. <i>Soil Biology and Biochemistry</i> , 2014, 75, 152-160.	8.8	57

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73	Characterization of the microbial community in biological soil crusts dominated by <i>Fulgensia desertorum</i> (Tomin) Poelt and <i>Squamaria cartilaginea</i> (With.) P. James and in the underlying soil. <i>Soil Biology and Biochemistry</i> , 2014, 76, 70-79.	8.8	30
74	ORGANIC WASTES AS ALTERNATIVE TO INORGANIC FERTILIZERS IN CROP CULTIVATION. <i>Acta Horticulturae</i> , 2014, , 371-376.	0.2	0
75	Influence of the Activity of <i>Allobophora molleri</i> in Microbial Activity and Metal Availability of Arsenic-Polluted Soils. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 449-457.	4.1	7
76	Response of Soil Microbial Community to a High Dose of Fresh Olive Mill Wastewater. <i>Pedosphere</i> , 2013, 23, 281-289.	4.0	9
77	Can the labile carbon contribute to carbon immobilization in semiarid soils? Priming effects and microbial community dynamics. <i>Soil Biology and Biochemistry</i> , 2013, 57, 892-902.	8.8	74
78	Phylogenetic and functional changes in the microbial community of long-term restored soils under semiarid climate. <i>Soil Biology and Biochemistry</i> , 2013, 65, 12-21.	8.8	98
79	Soil microbial community under a nurse-plant species changes in composition, biomass and activity as the nurse grows. <i>Soil Biology and Biochemistry</i> , 2013, 64, 139-146.	8.8	102
80	Co-digestion, biostimulation and bioaugmentation to enhance methanation of brewer's spent grain. <i>Waste Management and Research</i> , 2013, 31, 805-810.	3.9	18
81	Chemical-Structural Changes of Organic Matter in a Semi-Arid Soil After Organic Amendment. <i>Pedosphere</i> , 2012, 22, 283-293.	4.0	15
82	Organic amendments as strategy to increase organic matter in particle-size fractions of a semi-arid soil. <i>Applied Soil Ecology</i> , 2012, 57, 50-58.	4.3	28
83	Effects of organic amendments on soil carbon fractions, enzyme activity and humus-enzyme complexes under semi-arid conditions. <i>European Journal of Soil Biology</i> , 2012, 53, 94-102.	3.2	52
84	Root growth promotion by humic acids from composted and non-composted urban organic wastes. <i>Plant and Soil</i> , 2012, 353, 209-220.	3.7	170
85	Semiarid soils submitted to severe drought stress: influence on humic acid characteristics in organic-amended soils. <i>Journal of Soils and Sediments</i> , 2012, 12, 503-512.	3.0	6
86	Burning Fire-Prone Mediterranean Shrublands: Immediate Changes in Soil Microbial Community Structure and Ecosystem Functions. <i>Microbial Ecology</i> , 2012, 64, 242-255.	2.8	90
87	Chemical and biochemical characterisation of biochar-blended composts prepared from poultry manure. <i>Bioresource Technology</i> , 2012, 110, 396-404.	9.6	203
88	Biochar influences the microbial community structure during manure composting with agricultural wastes. <i>Science of the Total Environment</i> , 2012, 416, 476-481.	8.0	185
89	Feasibility of a cell separation-proteomic based method for soils with different edaphic properties and microbial biomass. <i>Soil Biology and Biochemistry</i> , 2012, 45, 136-138.	8.8	21
90	Severe drought conditions modify the microbial community structure, size and activity in amended and unamended soils. <i>Soil Biology and Biochemistry</i> , 2012, 50, 167-173.	8.8	233

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91	Evaluation of the suitability of using large amounts of urban wastes for degraded arid soil restoration and C fixation. <i>European Journal of Soil Science</i> , 2012, 63, 650-658.	3.9	8
92	Pathogenic bacteria and mineral N in soils following the land spreading of biogas digestates and fresh manure. <i>Applied Soil Ecology</i> , 2011, 49, 18-25.	4.3	112
93	Resistance and resilience of the soil microbial biomass to severe drought in semiarid soils: The importance of organic amendments. <i>Applied Soil Ecology</i> , 2011, 50, 27-36.	4.3	92
94	Microbial activity in soils under fast-growing Paulownia (<i>Paulownia elongata</i> x <i>fortunei</i>) plantations in Mediterranean areas. <i>Applied Soil Ecology</i> , 2011, 51, 42-51.	4.3	21
95	The biochemical response to different Cr and Cd concentrations in soils amended with organic wastes. <i>Journal of Hazardous Materials</i> , 2011, 185, 204-211.	12.4	16
96	Influence of Stability and Origin of Organic Amendments on Humification in Semiarid Soils. <i>Soil Science Society of America Journal</i> , 2011, 75, 2178-2187.	2.2	25
97	Use of Microbial Activity and Community Structure Shifts to Estimate the Toxicological Risk of Heavy Metal Pollution in Soils with Different Organic Matter Contents. <i>Environmental Science and Engineering</i> , 2011, , 149-166.	0.2	1
98	L-glutaminase Activity of Organic Amendments. <i>Environmental Science and Engineering</i> , 2011, , 311-323.	0.2	0
99	Microbial communities involved in the bioremediation of an aged recalcitrant hydrocarbon polluted soil by using organic amendments. <i>Bioresource Technology</i> , 2010, 101, 6916-6923.	9.6	89
100	Adaptation of Methanogenic Communities to the Cofermentation of Cattle Excreta and Olive Mill Wastes at 37°C and 55°C. <i>Applied and Environmental Microbiology</i> , 2010, 76, 6564-6571.	3.1	80
101	Utilization of Vermicomposts in Soil Restoration: Effects on Soil Biological Properties. <i>Soil Science Society of America Journal</i> , 2010, 74, 525-532.	2.2	38
102	Response of <i>Eisenia fetida</i> to the application of different organic wastes in an aluminium-contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1944-1949.	6.0	25
103	Tracing Changes in the Microbial Community of a Hydrocarbon-Polluted Soil by Culture-Dependent Proteomics. <i>Pedosphere</i> , 2010, 20, 479-485.	4.0	27
104	Soil Degradation and Rehabilitation: Microorganisms and Functionality. , 2010, , 253-270.		8
105	Evaluation of Microbial Community Activity, Abundance and Structure in a Semiarid Soil Under Cadmium Pollution at Laboratory Level. <i>Water, Air, and Soil Pollution</i> , 2009, 203, 229-242.	2.4	16
106	Long-term effects of revegetation on composition and activities (including transcription) of fungal communities of a semi-arid soil. <i>Biology and Fertility of Soils</i> , 2009, 45, 435-441.	4.3	12
107	Soil metaproteomics: a review of an emerging environmental science. Significance, methodology and perspectives. <i>European Journal of Soil Science</i> , 2009, 60, 845-859.	3.9	103
108	Soil restoration using composted plant residues: Effects on soil properties. <i>Soil and Tillage Research</i> , 2009, 102, 109-117.	5.6	196

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109	Soil organic carbon buffers heavy metal contamination on semiarid soils: Effects of different metal threshold levels on soil microbial activity. <i>European Journal of Soil Biology</i> , 2009, 45, 220-228.	3.2	58
110	Role of amendments on N cycling in Mediterranean abandoned semiarid soils. <i>Applied Soil Ecology</i> , 2009, 41, 195-205.	4.3	37
111	Long-term Effect of Municipal Solid Waste Amendment on Microbial Abundance and Humus-associated Enzyme Activities Under Semiarid Conditions. <i>Microbial Ecology</i> , 2008, 55, 651-661.	2.8	96
112	Effects of biosolarization as methyl bromide alternative for <i>Meloidogyne incognita</i> control on quality of soil under pepper. <i>Biology and Fertility of Soils</i> , 2008, 45, 37-44.	4.3	51
113	Thermostability of Selected Enzymes in Organic Wastes and in their Humic Extract. <i>Applied Biochemistry and Biotechnology</i> , 2008, 149, 277-286.	2.9	3
114	Agricultural use of leachates obtained from two different vermicomposting processes. <i>Bioresource Technology</i> , 2008, 99, 6228-6232.	9.6	48
115	Application of different organic amendments in a gasoline contaminated soil: Effect on soil microbial properties. <i>Bioresource Technology</i> , 2008, 99, 2872-2880.	9.6	67
116	Relationship between the Agricultural Management of a Semi-arid Soil and Microbiological Quality. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 421-439.	1.4	6
117	Influence of orientation, vegetation and season on soil microbial and biochemical characteristics under semiarid conditions. <i>Applied Soil Ecology</i> , 2008, 38, 62-70.	4.3	54
118	Application of fresh and composted organic wastes modifies structure, size and activity of soil microbial community under semiarid climate. <i>Applied Soil Ecology</i> , 2008, 40, 318-329.	4.3	279
119	Soil amendments with organic wastes reduce the toxicity of nickel to soil enzyme activities. <i>European Journal of Soil Biology</i> , 2008, 44, 129-140.	3.2	58
120	Past, present and future of soil quality indices: A biological perspective. <i>Geoderma</i> , 2008, 147, 159-171.	5.1	516
121	Total And Immobilized Enzymatic Activity Of Organic Materials Before And After Composting. <i>Compost Science and Utilization</i> , 2007, 15, 93-100.	1.2	7
122	Evaluation of different pig slurry composts as fertilizer of horticultural crops: Effects on selected chemical and microbial properties. <i>Renewable Agriculture and Food Systems</i> , 2007, 22, 307-315.	1.8	14
123	Effects of atrazine on microbial activity in semiarid soil. <i>Applied Soil Ecology</i> , 2007, 35, 120-127.	4.3	77
124	<i>Pinus halepensis</i> Mill. plantations did not restore organic carbon, microbial biomass and activity levels in a semi-arid Mediterranean soil. <i>Applied Soil Ecology</i> , 2007, 36, 107-115.	4.3	39
125	The long-term effects of the management of a forest soil on its carbon content, microbial biomass and activity under a semi-arid climate. <i>Applied Soil Ecology</i> , 2007, 37, 53-62.	4.3	86
126	Effect of hydrocarbon pollution on the microbial properties of a sandy and a clay soil. <i>Chemosphere</i> , 2007, 66, 1863-1871.	8.2	210

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127	Addition of Urban Waste to Semiarid Degraded Soil: Long-term Effect. <i>Pedosphere</i> , 2007, 17, 557-567.	4.0	46
128	Application of Two Organic Wastes in a Soil Polluted by Lead. <i>Journal of Environmental Quality</i> , 2007, 36, 216-225.	2.0	25
129	Effect of water deficit on microbial characteristics in soil amended with sewage sludge or inorganic fertilizer under laboratory conditions. <i>Bioresource Technology</i> , 2007, 98, 29-37.	9.6	68
130	Composting anaerobic and aerobic sewage sludges using two proportions of sawdust. <i>Waste Management</i> , 2007, 27, 1317-1327.	7.4	144
131	Microbial activity in non-agricultural degraded soils exposed to semiarid climate. <i>Science of the Total Environment</i> , 2007, 378, 183-186.	8.0	13
132	Do plant clumps constitute microbial hotspots in semiarid Mediterranean patchy landscapes?. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1047-1054.	8.8	71
133	Assessing the microbiological, biochemical, soil-physical and hydrological effects of amelioration of degraded soils in semiarid Spain. <i>Biologia (Poland)</i> , 2007, 62, 542-546.	1.5	9
134	Application of two beet vinasse forms in soil restoration: Effects on soil properties in an arid environment in southern Spain. <i>Agriculture, Ecosystems and Environment</i> , 2007, 119, 289-298.	5.3	50
135	Molecular and physiological bacterial diversity of a semi-arid soil contaminated with different levels of formulated atrazine. <i>Applied Soil Ecology</i> , 2006, 34, 93-102.	4.3	67
136	HUMIC SUBSTANCES AND CLAY MINERALS IN ORGANICALLY-AMENDED SEMIARID SOILS. <i>Soil Science</i> , 2006, 171, 322-333.	0.9	10
137	Application of Two Organic Amendments on Soil Restoration: Effects on the Soil Biological Properties. <i>Journal of Environmental Quality</i> , 2006, 35, 1010-1017.	2.0	162
138	Organic Amendment Based on Fresh and Composted Beet Vinasse. <i>Soil Science Society of America Journal</i> , 2006, 70, 900-908.	2.2	69
139	A full-scale study of treatment of pig slurry by composting: Kinetic changes in chemical and microbial properties. <i>Waste Management</i> , 2006, 26, 1108-1118.	7.4	117
140	Changes in organic matter composition during composting of two digested sewage sludges. <i>Waste Management</i> , 2006, 26, 1370-1376.	7.4	63
141	Soil Bioremediation: Combination of Earthworms and Compost for the Ecological Remediation of a Hydrocarbon Polluted Soil. <i>Water, Air, and Soil Pollution</i> , 2006, 177, 383-397.	2.4	77
142	Bioremediation by Composting of Heavy Oil Refinery Sludge in Semiarid Conditions. <i>Biodegradation</i> , 2006, 17, 251-261.	3.0	75
143	Effect of Cadmium on Microbial Activity and a Ryegrass Crop in Two Semiarid Soils. <i>Environmental Management</i> , 2006, 37, 626-633.	2.7	20
144	Use of organic amendment as a strategy for saline soil remediation: Influence on the physical, chemical and biological properties of soil. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1413-1421.	8.8	457

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145	Surface and subsurface organic carbon, microbial biomass and activity in a forest soil sequence. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2233-2243.	8.8	64
146	Microbiological activity in a soil 15 years after its devegetation. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2503-2507.	8.8	85
147	Hydrolase activities, microbial biomass and bacterial community in a soil after long-term amendment with different composts. <i>Soil Biology and Biochemistry</i> , 2006, 38, 3443-3452.	8.8	183
148	Microbiological degradation index of soils in a semiarid climate. <i>Soil Biology and Biochemistry</i> , 2006, 38, 3463-3473.	8.8	308
149	Biopesticide effect of green compost against fusarium wilt on melon plants. <i>Journal of Applied Microbiology</i> , 2005, 98, 845-854.	3.1	62
150	Ability of different plant species to promote microbiological processes in semiarid soil. <i>Geoderma</i> , 2005, 124, 193-202.	5.1	159
151	Bioremediation of oil refinery sludge by landfarming in semiarid conditions: Influence on soil microbial activity. <i>Environmental Research</i> , 2005, 98, 185-195.	7.5	136
152	Growth, yield and solute content of barley in soils treated with sewage sludge under semiarid Mediterranean conditions. <i>Field Crops Research</i> , 2005, 94, 224-237.	5.1	162
153	Short-Term Effects of Human Trampling on Vegetation and Soil Microbial Activity. <i>Communications in Soil Science and Plant Analysis</i> , 2004, 35, 1591-1603.	1.4	17
154	Plant availability of heavy metals in a soil amended with a high dose of sewage sludge under drought conditions. <i>Biology and Fertility of Soils</i> , 2004, 40, 291-299.	4.3	70
155	Influence of the stabilisation of organic materials on their biopesticide effect in soils. <i>Bioresource Technology</i> , 2004, 95, 215-221.	9.6	13
156	Bioremediation of Soil Degraded by Sewage Sludge: Effects on Soil Properties and Erosion Losses. <i>Environmental Management</i> , 2003, 31, 741-747.	2.7	36
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