

Petra Marschner

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.

250
papers

10,615
citations

54
h-index

95
g-index

254
ext. papers

12,148
ext. citations

5.1
avg, IF

6.66
L-index

#	Paper	IF	Citations
250	Direction and magnitude of the change in water content between two periods influence soil respiration, microbial biomass and nutrient availability which can be modified by intermittent air-drying. <i>Soil Biology and Biochemistry</i> , 2022 , 166, 108559	7.5	0
249	Rapid remediation of sandy sulfuric subsoils using straw-derived dissolved organic matter. <i>Geoderma</i> , 2022 , 420, 115875	6.7	0
248	Addition of wheat straw to acid sulfate soils with different clay contents reduces acidification in two consecutive submerged-moist cycles. <i>Geoderma</i> , 2021 , 385, 114892	6.7	1
247	Rewetting Intensity Influences Soil Respiration and Nitrogen Availability. <i>Journal of Soil Science and Plant Nutrition</i> , 2021 , 21, 2137-2144	3.2	1
246	Transformation of jarosite during simulated remediation of a sandy sulfuric soil. <i>Science of the Total Environment</i> , 2021 , 773, 145546	10.2	4
245	Processes in submerged soils linking redox potential, soil organic matter turnover and plants to nutrient cycling. <i>Plant and Soil</i> , 2021 , 464, 1	4.2	3
244	Presence of wheat straw in soil influences nutrient availability and leaching in soil mulched with high or low C/N organic materials. <i>Archives of Agronomy and Soil Science</i> , 2021 , 67, 342-353	2	5
243	Phosphorus pools in acid sulfate soil are influenced by soil water content and form in which P is added. <i>Geoderma</i> , 2021 , 381, 114692	6.7	4
242	Phosphorus Pools in Acid Sulfate Soil Are Influenced by pH, Water Content, and Addition of Organic Matter. <i>Journal of Soil Science and Plant Nutrition</i> , 2021 , 21, 1066-1075	3.2	1
241	Porosity and organic matter distribution in jarositic phyto tubules of sulfuric soils assessed by combined μ CT and NanoSIMS analysis. <i>Geoderma</i> , 2021 , 399, 115124	6.7	3
240	Phosphorus and nitrogen in the soil interface between two plant residues differing in C/nutrient ratio: A short-term laboratory incubation study. <i>Soil Ecology Letters</i> , 2020 , 2, 188-194	2.7	2
239	Plant residues differing in C/N ratio in mulch and soil the effect of the mulch on nutrient availability and microbial biomass is more pronounced with higher leaching amount. <i>Soil Ecology Letters</i> , 2020 , 2, 317-326	2.7	0
238	Soil respiration and nutrient availability after heating are influenced by salinity but not by prior drying and rewetting. <i>Biology and Fertility of Soils</i> , 2020 , 56, 663-673	6.1	
237	Impact of Heating and Rewetting on Soil Respiration and Nutrient Availability Is Enhanced by Prior Growth of Plants. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 925-932	3.2	2
236	Threshold for labile phosphate in a sandy acid sulfate soil. <i>Geoderma</i> , 2020 , 371, 114359	6.7	5
235	Phosphorus pools in sulfuric acid sulfate soils: influence of water content, pH increase and P addition. <i>Journal of Soils and Sediments</i> , 2020 , 20, 1446-1453	3.4	6
234	Amendment type and Time of Addition Influence the Effect of Short-term Heating on Soil Respiration and Nutrient Availability. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 431-438	3.2	

233	Rapid recovery of net ecosystem production in a semi-arid woodland after a wildfire. <i>Agricultural and Forest Meteorology</i> , 2020 , 291, 108099	5.8	9
232	Sandy Soil Amended with Clay Soil: Effect of Clay Soil Properties on Soil Respiration, Microbial Biomass, and Water Extractable Organic C. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 2465-2470	3.2	5
231	Wheat Growth-Induced Changes in Phosphorus Pools in the Crop Residue Detritosphere Are Influenced by Residue C/P Ratio. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 2579-2586	3.2	2
230	Effect of Short-term Irrigation of Wastewater on Wheat Growth and Nitrogen and Phosphorus in Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 1589-1595	3.2	1
229	Wheat straw decomposition stage has little effect on the removal of inorganic N and P from wastewater leached through sand-straw mixes. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 3483-3492	2.6	
228	Changes in phosphorus pools in the detritosphere induced by removal of P or switch of residues with low and high C/P ratio. <i>Biology and Fertility of Soils</i> , 2020 , 56, 1-10	6.1	8
227	Impact of a short heating event followed by rewetting on soil respiration and nutrient availability is not only due to soil drying during heating. <i>Biology and Fertility of Soils</i> , 2019 , 55, 553-564	6.1	5
226	P Pools After Seven-Year P Fertiliser Application Are Influenced by Wheat Straw Addition and Wheat Growth. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 603-610	3.2	7
225	Phosphorus Pools and Plant Uptake in Manure-Amended Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 175-186	3.2	9
224	Consumption and alteration of different organic matter sources during remediation of a sandy sulfuric soil. <i>Geoderma</i> , 2019 , 347, 220-232	6.7	9
223	Plant Growth and Nutrient Uptake in Soil Amended with Mixes of Organic Materials Differing in C/N Ratio and Decomposition Stage. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 512-523	3.2	7
222	Nitrogen and phosphorus removal from wastewater by sand with wheat straw. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 11212-11223	5.1	5
221	Influence of mulch C/N ratio and decomposition stage on plant N uptake and N availability in soil with or without wheat straw. <i>Journal of Plant Nutrition and Soil Science</i> , 2019 , 182, 879-887	2.3	3
220	Vermicompost Influences Soil P Pools and Available N Effect of Placement and Combination with Inorganic Fertiliser. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 900-905	3.2	3
219	Soil respiration and nutrient availability after short heating followed by rewetting differ between first and second heating and are influenced by the interval between heating events. <i>Soil Biology and Biochemistry</i> , 2019 , 136, 107537	7.5	3
218	Soil Water Availability Influences P Pools in the Detritosphere of Crop Residues with Different C/P Ratios. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 771-779	3.2	5
217	P Pools in Barley Detritosphere Are Influenced by N and P Addition to the Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 463-468	3.2	2
216	Influence of clay clod size and number for organic carbon distribution in sandy soil with clay addition. <i>Geoderma</i> , 2019 , 335, 123-132	6.7	6

215	Repeated rainfall in summer induces prolonged high soil respiration in a semi-arid floodplain woodland. <i>Ecohydrology</i> , 2018 , 11, e1984	2.5	1
214	Watering Frequency and Total Water Input Influence Wheat Growth, Soil Microbial Biomass and Nutrient Availability in a Silt Loam. <i>Communications in Soil Science and Plant Analysis</i> , 2018 , 49, 380-388	1.5	
213	Respiration, available N and microbial biomass N in soil amended with mixes of organic materials differing in C/N ratio and decomposition stage. <i>Geoderma</i> , 2018 , 319, 167-174	6.7	25
212	Respiration, microbial biomass and nutrient availability are influenced by previous and current soil water content in plant residue amended soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2018 , 0-0	3.2	2
211	Alteration of organic matter during remediation of acid sulfate soils. <i>Geoderma</i> , 2018 , 332, 121-134	6.7	11
210	Soil phosphorus pools in the detritusphere of plant residues with different C/P ratio Influence of drying and rewetting. <i>Biology and Fertility of Soils</i> , 2018 , 54, 841-852	6.1	14
209	Direct and carry-over effects of summer rainfall on ecosystem carbon uptake and water use efficiency in a semi-arid woodland. <i>Agricultural and Forest Meteorology</i> , 2018 , 263, 15-24	5.8	7
208	Species wood density and the location of planted seedlings drive early-stage seedling survival during tropical forest restoration. <i>Journal of Applied Ecology</i> , 2018 , 55, 1009-1018	5.8	17
207	Mixing organic amendments with high and low C/N ratio influences nutrient availability and leaching in sandy soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2018 , 0-0	3.2	3
206	Amendment with high and low C/N residues- Influence of rate, order and frequency. <i>Journal of Soil Science and Plant Nutrition</i> , 2018 , 0-0	3.2	
205	Assessment of the Binding of Protons, Al and Fe to Biochar at Different pH Values and Soluble Metal Concentrations. <i>Water (Switzerland)</i> , 2018 , 10, 55	3	7
204	Seedling growth responses to species-, neighborhood-, and landscape-scale effects during tropical forest restoration. <i>Ecosphere</i> , 2018 , 9, e02386	3.1	5
203	Clay amount and distribution influence organic carbon content in sand with subsoil clay addition. <i>Soil and Tillage Research</i> , 2018 , 184, 253-260	6.5	14
202	Clay Addition to Sandy Soil Influence of Clay Type and Size on Nutrient Availability in Sandy Soils Amended with Residues Differing in C/N ratio. <i>Pedosphere</i> , 2017 , 27, 293-305	5	18
201	Increases in organic carbon concentration and stock after clay addition to sands: validation of sampling methodology and effects of modification method. <i>Soil Research</i> , 2017 , 55, 124	1.8	8
200	Prolonged recovery of acid sulfate soils with sulfuric materials following severe drought: causes and implications. <i>Geoderma</i> , 2017 , 308, 312-320	6.7	20
199	Residue addition combined with rewetting of dry soil Effect of timing of residue addition on soil respiration, microbial biomass, nutrient availability and legacy effect. <i>Geoderma</i> , 2017 , 299, 83-90	6.7	2
198	Soil Respiration, Microbial Biomass and Nutrient Availability in Soil After Addition of Residues with Adjusted N and P Concentrations. <i>Pedosphere</i> , 2017 , 27, 76-85	5	29

197	AVP1: One Protein, Many Roles. <i>Trends in Plant Science</i> , 2017 , 22, 154-162	13.1	47
196	Clay Addition to Sandy Soil Reduces Nutrient Leaching Effect of Clay Concentration and Ped Size. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 1813-1821	1.5	24
195	Plant and microbial-induced changes in P pools in soil amended with straw and inorganic P. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 17, 1088-1101	3.2	7
194	Prior rainfall pattern determines response of net ecosystem carbon exchange to a large rainfall event in a semi-arid woodland. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 247, 112-119	5.7	4
193	Soil respiration and microbial biomass in multiple drying and rewetting cycles Effect of glucose addition. <i>Geoderma</i> , 2017 , 305, 219-227	6.7	14
192	Prior exposure to diurnal heating influences soil respiration and N availability upon rewetting. <i>Biology and Fertility of Soils</i> , 2017 , 53, 715-721	6.1	4
191	Linking organic matter composition in acid sulfate soils to pH recovery after re-submerging. <i>Geoderma</i> , 2017 , 308, 350-362	6.7	11
190	Impact of Salinity on Respiration and Organic Matter Dynamics in Soils is More Closely Related to Osmotic Potential than to Electrical Conductivity. <i>Pedosphere</i> , 2017 , 27, 949-956	5	18
189	Previous residue addition rate and C/N ratio influence nutrient availability and respiration rate after the second residue addition. <i>Geoderma</i> , 2017 , 285, 217-224	6.7	16
188	Residue addition frequency influences respiration, microbial biomass and nutrient availability in soil amended with high and low C/N residue. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 0-0	3.2	0
187	Soil water content during and after plant growth influence nutrient availability and microbial biomass. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 17, 702-715	3.2	15
186	Soil amendment with high and low C/N residue -influence of low soil water content between first and second residue addition on soil respiration, microbial biomass and nutrient availability. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 17, 594-608	3.2	7
185	Addition of organic matter influences pH changes in reduced and oxidised acid sulfate soils. <i>Geoderma</i> , 2016 , 262, 125-132	6.7	30
184	Legacy effect of previous residue addition Influence of length of the moist period between residue additions on soil respiration, microbial biomass and nutrient availability. <i>Biology and Fertility of Soils</i> , 2016 , 52, 1047-1057	6.1	2
183	Nutrient availability, soil respiration and microbial biomass after the second residue addition are influenced by the C/N ratio of the first residue added, but not by drying and rewetting between residue amendments. <i>European Journal of Soil Biology</i> , 2016 , 77, 68-76	2.9	4
182	The Size of P Pools in Soils is Affected by Soil Properties and Compost Addition. <i>Communications in Soil Science and Plant Analysis</i> , 2016 , 47, 1317-1328	1.5	1
181	Type of organic carbon amendment influences pH changes in acid sulfate soils in flooded and dry conditions. <i>Journal of Soils and Sediments</i> , 2016 , 16, 518-526	3.4	16
180	Clay amendment to sandy soil Effect of clay concentration and ped size on nutrient dynamics after residue addition. <i>Journal of Soils and Sediments</i> , 2016 , 16, 2072-2080	3.4	24

179	Soil respiration, microbial biomass and nutrient availability in soil amended with high and low C/N residue [Influence of interval between residue additions. <i>Soil Biology and Biochemistry</i> , 2016 , 95, 189-197	7.5	29
178	Addition of clayey soils with high net negative acidity to sulfuric sandy soil can minimise pH changes during wet and dry periods. <i>Geoderma</i> , 2016 , 269, 153-159	6.7	1
177	Sorption of Water-Extractable Organic Carbon in Various Clay Subsoils: Effects of Soil Properties. <i>Pedosphere</i> , 2016 , 26, 55-61	5	5
176	Salt-affected soils, reclamation, carbon dynamics, and biochar: a review. <i>Journal of Soils and Sediments</i> , 2016 , 16, 939-953	3.4	161
175	Soil respiration, microbial biomass and nutrient availability in soil after repeated addition of low and high C/N plant residues. <i>Biology and Fertility of Soils</i> , 2016 , 52, 165-176	6.1	32
174	Clay addition to sandy soil: effect of clay concentration and ped size on microbial biomass and nutrient dynamics after addition of low C/N ratio residue. <i>Journal of Soil Science and Plant Nutrition</i> , 2016 , 0-0	3.2	6
173	Low soil water content during plant growth influences soil respiration and microbial biomass after plant removal and rewetting. <i>Journal of Soil Science and Plant Nutrition</i> , 2016 , 0-0	3.2	3
172	Changes in P pools over three months in two soils amended with legume residues. <i>Journal of Soil Science and Plant Nutrition</i> , 2016 , 0-0	3.2	
171	Effect of residue mixtures on response of cumulative respiration to salinity. <i>Journal of Soil Science and Plant Nutrition</i> , 2016 , 0-0	3.2	
170	Multiple additions of rapidly decomposable residue alleviate the negative impact of salinity on microbial activity. <i>Soil Research</i> , 2016 , 54, 692	1.8	
169	Organic matter addition can prevent acidification during oxidation of sandy hypersulfidic and hyposulfidic material: Effect of application form, rate and C/N ratio. <i>Geoderma</i> , 2016 , 276, 26-32	6.7	10
168	Addition of organic material to sulfuric soil can reduce leaching of protons, iron and aluminium. <i>Geoderma</i> , 2016 , 271, 63-70	6.7	8
167	Organic materials retain high proportion of protons, iron and aluminium from acid sulphate soil drainage water with little subsequent release. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 23582-23592	5.1	2
166	A wildfire event influences ecosystem carbon fluxes but not soil respiration in a semi-arid woodland. <i>Agricultural and Forest Meteorology</i> , 2016 , 226-227, 57-66	5.8	11
165	Soil Respiration, Microbial Biomass C and N Availability in a Sandy Soil Amended with Clay and Residue Mixtures. <i>Pedosphere</i> , 2016 , 26, 643-651	5	6
164	Binding of water-extractable organic carbon to clay subsoil: effects of clay subsoil properties. <i>Soil Research</i> , 2015 , 53, 81	1.8	5
163	The number of moist days determines respiration in drying and rewetting cycles. <i>Biology and Fertility of Soils</i> , 2015 , 51, 33-41	6.1	16
162	Soil respiration, microbial biomass and nutrient availability after the second amendment are influenced by legacy effects of prior residue addition. <i>Soil Biology and Biochemistry</i> , 2015 , 88, 169-177	7.5	60

161	Organic Materials Differ in Ability to Remove Protons, Iron and Aluminium from Acid Sulfate Soil Drainage Water. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	5
160	Response of respiration and nutrient availability to drying and rewetting in soil from a semi-arid woodland depends on vegetation patch and a recent wildfire. <i>Biogeosciences</i> , 2015 , 12, 5093-5101	4.6	10
159	Response of microbial activity and biomass to soil salinity when supplied with glucose and cellulose. <i>Journal of Soil Science and Plant Nutrition</i> , 2015 , 0-0	3.2	1
158	Sulfate reduction in sulfuric material after re-flooding: Effectiveness of organic carbon addition and pH increase depends on soil properties. <i>Journal of Hazardous Materials</i> , 2015 , 298, 138-45	12.8	27
157	Influence of salinity and water content on soil microorganisms. <i>International Soil and Water Conservation Research</i> , 2015 , 3, 316-323	6.9	256
156	Residue properties influence the impact of salinity on soil respiration. <i>Biology and Fertility of Soils</i> , 2015 , 51, 99-111	6.1	20
155	Responses of Soil Microbial Activity and Biomass to Salinity After Repeated Additions of Plant Residues. <i>Pedosphere</i> , 2015 , 25, 177-185	5	10
154	Cumulative respiration in two drying and rewetting cycles depends on the number and distribution of moist days. <i>Geoderma</i> , 2015 , 243-244, 168-174	6.7	11
153	Effects of Different Rates of Ca ²⁺ Addition on Respiration and Sorption of Water-Extractable Organic C to a Vertisol Subsoil. <i>Communications in Soil Science and Plant Analysis</i> , 2015 , 46, 185-194	1.5	3
152	Amount of organic matter required to induce sulfate reduction in sulfuric material after re-flooding is affected by soil nitrate concentration. <i>Journal of Environmental Management</i> , 2015 , 151, 437-42	7.9	24
151	Drying and rewetting [Effect of frequency of cycles and length of moist period on soil respiration and microbial biomass. <i>European Journal of Soil Biology</i> , 2014 , 62, 132-137	2.9	33
150	Retention and loss of water extractable carbon in soils: effect of clay properties. <i>Science of the Total Environment</i> , 2014 , 470-471, 400-6	10.2	17
149	Expression of the Arabidopsis vacuolar H ⁺ -pyrophosphatase gene (AVP1) improves the shoot biomass of transgenic barley and increases grain yield in a saline field. <i>Plant Biotechnology Journal</i> , 2014 , 12, 378-86	11.6	110
148	Growth and Water Use Efficiency of Capsicum annum in a Silt Loam Soil Treated Three Years Previously With a Single Compost Application and Repeatedly Dried. <i>International Journal of Vegetable Science</i> , 2014 , 20, 187-196	1.2	1
147	Previous water content influences the response of soil respiration to changes in water content in non-saline and saline soils. <i>Biology and Fertility of Soils</i> , 2014 , 50, 1129-1140	6.1	4
146	Drying and rewetting frequency influences cumulative respiration and its distribution over time in two soils with contrasting management. <i>Soil Biology and Biochemistry</i> , 2014 , 72, 172-179	7.5	48
145	Changes in microbial biomass C, extractable C and available N during the early stages of decomposition of residue mixtures. <i>Soil Research</i> , 2014 , 52, 366	1.8	6
144	Addition of a clay subsoil to a sandy topsoil changes the response of microbial activity to drying and rewetting after residue addition [a model experiment. <i>Journal of Plant Nutrition and Soil Science</i> , 2014 , 177, 532-540	2.3	5

143	Response of microbial activity and biomass in rhizosphere and bulk soils to increasing salinity. <i>Plant and Soil</i> , 2014 , 381, 297-306	4.2	15
142	Soil respiration and microbial biomass after residue addition are influenced by the extent by which water-extractable organic C was removed from the residues. <i>European Journal of Soil Biology</i> , 2014 , 63, 28-32	2.9	7
141	Addition of glucose increases the activity of microbes in saline soils. <i>Soil Research</i> , 2014 , 52, 568	1.8	3
140	Respiration and Sorption of Water-Extractable Organic Carbon as Affected by Addition of Ca ²⁺ , Isolated Clay or Clay-Rich Subsoil to Sand. <i>Pedosphere</i> , 2014 , 24, 98-106	5	10
139	Effect of mono- and divalent cations on sorption of water-extractable organic carbon and microbial activity. <i>Biology and Fertility of Soils</i> , 2014 , 50, 727-734	6.1	12
138	SEVERITY OF SALINITY ACCURATELY DETECTED AND CLASSIFIED ON A PADDOCK SCALE WITH HIGH RESOLUTION MULTISPECTRAL SATELLITE IMAGERY. <i>Land Degradation and Development</i> , 2013 , 24, 375-384	4.4	27
137	Short-term effects of application of different rates of inorganic P and residue P on soil P pools and wheat growth. <i>Journal of Plant Nutrition and Soil Science</i> , 2013 , 176, 696-702	2.3	12
136	Addition of a clay subsoil to a sandy top soil alters CO ₂ release and the interactions in residue mixtures. <i>Science of the Total Environment</i> , 2013 , 465, 248-54	10.2	23
135	Nutrient release from composts into the surrounding soil. <i>Geoderma</i> , 2013 , 195-196, 42-47	6.7	25
134	Salinity affects the response of soil microbial activity and biomass to addition of carbon and nitrogen. <i>Soil Research</i> , 2013 , 51, 68	1.8	23
133	Effect of exchangeable cation concentration on sorption and desorption of dissolved organic carbon in saline soils. <i>Science of the Total Environment</i> , 2013 , 465, 226-32	10.2	38
132	Soil salinity decreases global soil organic carbon stocks. <i>Science of the Total Environment</i> , 2013 , 465, 267-722	10.2	100
131	Decomposition of roots and shoots of perennial grasses and annual barley separately or in two residue mixes. <i>Biology and Fertility of Soils</i> , 2013 , 49, 673-680	6.1	24
130	Organic amendments differ in their effect on microbial biomass and activity and on P pools in alkaline soils. <i>Biology and Fertility of Soils</i> , 2013 , 49, 415-425	6.1	42
129	Salinity reduces the ability of soil microbes to utilise cellulose. <i>Biology and Fertility of Soils</i> , 2013 , 49, 379-386	6.1	22
128	Carbon mineralization in saline soils as affected by residue composition and water potential. <i>Biology and Fertility of Soils</i> , 2013 , 49, 71-77	6.1	24
127	Growth and rhizosphere P pools of legume-wheat rotations at low P supply. <i>Biology and Fertility of Soils</i> , 2013 , 49, 41-49	6.1	18
126	Impact of total water potential and varying contribution of matric and osmotic potential on carbon mineralization in saline soils. <i>European Journal of Soil Biology</i> , 2013 , 56, 95-100	2.9	11

125	Effects of salinity on microbial tolerance to drying and rewetting. <i>Biogeochemistry</i> , 2013 , 112, 71-80	3.8	45
124	Microbial activity and biomass recover rapidly after leaching of saline soils. <i>Biology and Fertility of Soils</i> , 2013 , 49, 367-371	6.1	21
123	Mobilisation of rock phosphate by surface application of compost. <i>Biology and Fertility of Soils</i> , 2013 , 49, 287-294	6.1	10
122	Respiration in a sand amended with clay [Effect of residue type and rate. <i>European Journal of Soil Biology</i> , 2013 , 58, 19-23	2.9	17
121	Response of soil respiration and microbial biomass to changing EC in saline soils. <i>Soil Biology and Biochemistry</i> , 2013 , 65, 322-328	7.5	37
120	Changes in phosphorus pools in three soils upon addition of legume residues differing in carbon/phosphorus ratio. <i>Soil Research</i> , 2013 , 51, 484	1.8	15
119	Addition of a fine-textured soil to compost to reduce nutrient leaching in a sandy soil. <i>Soil Research</i> , 2013 , 51, 232	1.8	10
118	Microbial biomass, nutrient availability and nutrient uptake by wheat in two soils with organic amendments. <i>Journal of Soil Science and Plant Nutrition</i> , 2013 , 0-0	3.2	8
117	Effect of incorporated or mulched compost on leaf nutrient concentrations and performance of <i>Vitis vinifera</i> cv. Merlot. <i>Journal of Soil Science and Plant Nutrition</i> , 2013 , 0-0	3.2	6
116	Compost effects on microbial biomass and soil P pools as affected by particle size and soil properties. <i>Journal of Soil Science and Plant Nutrition</i> , 2013 , 0-0	3.2	6
115	Salinity and sodicity affect soil respiration and dissolved organic matter dynamics differentially in soils varying in texture. <i>Soil Biology and Biochemistry</i> , 2012 , 45, 8-13	7.5	138
114	Community composition and activity of microbes from saline soils and non-saline soils respond similarly to changes in salinity. <i>Soil Biology and Biochemistry</i> , 2012 , 47, 175-178	7.5	46
113	Changes in soil P pools during legume residue decomposition. <i>Soil Biology and Biochemistry</i> , 2012 , 49, 70-77	7.5	66
112	Microscale distribution and function of soil microorganisms in the interface between rhizosphere and detritosphere. <i>Soil Biology and Biochemistry</i> , 2012 , 49, 174-183	7.5	52
111	Addition of organic and inorganic P sources to soil [Effects on P pools and microorganisms. <i>Soil Biology and Biochemistry</i> , 2012 , 49, 106-113	7.5	92
110	Response of microbial activity and biomass to increasing salinity depends on the final salinity, not the original salinity. <i>Soil Biology and Biochemistry</i> , 2012 , 53, 50-55	7.5	53
109	Growth, P uptake in grain legumes and changes in rhizosphere soil P pools. <i>Biology and Fertility of Soils</i> , 2012 , 48, 151-159	6.1	43
108	Sorption of dissolved organic matter in salt-affected soils: effect of salinity, sodicity and texture. <i>Science of the Total Environment</i> , 2012 , 435-436, 337-44	10.2	58

107	Effects of tannery sludge application on physiological and fatty acid profiles of the soil microbial community. <i>Applied Soil Ecology</i> , 2012 , 61, 92-99	5	12
106	Effects of land use intensity on dissolved organic carbon properties and microbial community structure. <i>European Journal of Soil Biology</i> , 2012 , 52, 67-72	2.9	45
105	Measuring microbial biomass carbon by direct extraction [Comparison with chloroform fumigation-extraction. <i>European Journal of Soil Biology</i> , 2012 , 53, 103-106	2.9	30
104	Simulation of salinity effects on past, present, and future soil organic carbon stocks. <i>Environmental Science & Technology</i> , 2012 , 46, 1624-31	10.3	33
103	Grain legume pre-crops and their residues affect the growth, P uptake and size of P pools in the rhizosphere of the following wheat. <i>Biology and Fertility of Soils</i> , 2012 , 48, 775-785	6.1	16
102	Differential effects of composts on properties of soils with different textures. <i>Biology and Fertility of Soils</i> , 2012 , 48, 699-707	6.1	25
101	Nutrient Availability in Soils 2012 , 315-330		70
100	Effect of Internal and External Factors on Root Growth and Development 2012 , 331-346		23
99	Rhizosphere Biology 2012 , 369-388		59
98	Soil pH is the main factor influencing growth and rhizosphere properties of wheat following different pre-crops. <i>Plant and Soil</i> , 2012 , 360, 271-286	4.2	35
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82	Response of microbial activity and community structure to decreasing soil osmotic and matric potential. <i>Plant and Soil</i> , 2011 , 344, 241-254	4.2	118
81	Recovery of soil respiration after drying. <i>Plant and Soil</i> , 2011 , 348, 269-279	4.2	21
80	Microbial activity and community composition in saline and non-saline soils exposed to multiple drying and rewetting events. <i>Plant and Soil</i> , 2011 , 348, 103-113	4.2	20
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