

CITATION REPORT

List of articles citing

Use of p-nitrophenyl phosphate for assay of soil phosphatase activity

DOI: 10.1016/0038-0717(69)90012-1
Soil Biology and Biochemistry, 1969, 1, 301-307.

Source: <https://exaly.com/paper-pdf/9922523/citation-report.pdf>

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
2315	Michaelis constants of soil enzymes. <i>Soil Biology and Biochemistry</i> , 1971 , 3, 317-323	7.5	60
2314	PHOSPHATASE ACTIVITY OF INTACT YOUNG WHEAT ROOTS UNDER STERILE AND NONSTERILE CONDITIONS. 1971 , 70, 1017-1026		78
2313	Short-term assays of soil proteolytic enzyme activities using proteins and dipeptide derivatives as substrates. <i>Soil Biology and Biochemistry</i> , 1972 , 4, 19-30	7.5	696
2312	Assay of urease activity in soils. <i>Soil Biology and Biochemistry</i> , 1972 , 4, 479-487	7.5	522
2311	The assay of -galactosidase in soil. 1972 , 17, 370-4		8
2310	Changes in enzymic activity and distribution of acid-soluble, amino acid-nitrogen in soil during nitrogen immobilization and mineralization. <i>Soil Biology and Biochemistry</i> , 1973 , 5, 825-840	7.5	106
2309	Michaelis constant of soil acid phosphatase. <i>Soil Biology and Biochemistry</i> , 1973 , 5, 841-845	7.5	48
2308	INFLUENCE OF SELECTED GRASSES AND FORBS ON SOIL PHOSPHATASE ACTIVITY. 1973 , 53, 119-121		32
2307	The effects of cations and pH on the phosphatase activity of a mixed enzyme system extracted from soil microorganisms. <i>Soil Biology and Biochemistry</i> , 1974 , 6, 15-18	7.5	6
2306	Phosphatase reactions in columns of soil. <i>Soil Biology and Biochemistry</i> , 1974 , 6, 183-189	7.5	25
2305	Enzyme activity in soils at subzero temperatures. <i>Soil Biology and Biochemistry</i> , 1975 , 7, 383-387	7.5	44
2304	Biological Significance of Enzymes Accumulated in Soil. 1975 , 25-87		138
2303	Effect of phosphatases on the persistence of organophosphorus insecticides in soil and water. 1976 , 24, 611-4		6
2302	Potential role of earthworm casts for the phosphorus enrichment of run-off waters. <i>Soil Biology and Biochemistry</i> , 1976 , 8, 341-346	7.5	119
2301	Extracellular enzymes in soil. 1976 , 4, 383-421		289
2300	Effects of pure paraquat dichloride, "Gramoxone W", and formulation additives on soil microbiological activities. 3. Estimations of soil microflora and enzyme activity in field-treated soil. 1976 , 131, 247-58		1
2299	Simulation of Phosphorus Cycling in Semiarid Grasslands. 1977 , 58, 1-15		137

2298	Differential stabilities of soil enzymes. Assay and properties of phosphatase and arylsulphatase. 1977 , 485, 357-66		28
2297	Seasonal variation in casting activity and in the amounts and release to solution of phosphorus forms in earthworm casts. <i>Soil Biology and Biochemistry</i> , 1977 , 9, 227-231	7.5	77
2296	Effects of trace elements on urease activity in soils. <i>Soil Biology and Biochemistry</i> , 1977 , 9, 9-13	7.5	161
2295	Phosphatases in soils. <i>Soil Biology and Biochemistry</i> , 1977 , 9, 167-172	7.5	720
2294	Criteria for measurement of microbial growth and activity in soil. <i>Soil Biology and Biochemistry</i> , 1978 , 10, 223-229	7.5	215
2293	Simulation of Phosphorus Cycling in Semiarid Grasslands. 1978 , 205-230		4
2292	Status of phosphatases in the root-soil interface of leguminous and non-leguminous crops. 1978 , 141, 347-351		15
2291	PHOSPHATASE ACTIVITY AND PHOSPHORUS AVAILABILITY IN THE RHIZOSPHERE OF CORN ROOTS. 1979 , 231-242		16
2290	Michaelis constant (K_m) of acid phosphatase as affected by montmorillonite, illite, and kaolinite clay minerals. 1979 , 5, 207-13		17
2289	Effects of phosphorus addition and energy supply on acid phosphatase production and activity in soils. <i>Soil Biology and Biochemistry</i> , 1979 , 11, 3-8	7.5	120
2288	Phosphatase production by microorganisms isolated from diverse types of soils. 1979 , 134, 119-24		6
2287	Variation of four phosphorus properties in woodland soils. <i>Soil Biology and Biochemistry</i> , 1979 , 11, 393-403		42
2286	Cycling of nitrogen by surface-casting earthworms in a pasture ecosystem. <i>Soil Biology and Biochemistry</i> , 1979 , 11, 181-185	7.5	110
2285	Einfluß von Zwei- und Dreischichttonmineralen auf die Dehydrogenase-, saure Phosphatase- und Urease-Aktivität in Modellversuchen. 1979 , 142, 500-513		14
2284	Relationship between acid phosphatase activities and decomposition rates of twenty-two virgin peat materials. 1980 , 11, 155-162		5
2283	Effect of exposure to atmospheric pollution on microbial activity in soil. 1980 , 55, 199-204		26
2282	Investigations on the relationship between P-fertility, phosphatase activity and ATP content in soil. 1980 , 57, 95-103		13
2281	Relationship between phosphate stress, effluent quality, and observed cell yield in a pure-oxygen activated-sludge plant. 1980 , 22, 2591-2606		4

2280	Urcase, protease, and acid phosphatase in soil continuously cropped to corn by conventional or no-tillage methods. <i>Soil Biology and Biochemistry</i> , 1980 , 12, 293-294	7.5	35
2279	Determination of phosphatase and arylsulphatase activities in soils. <i>Soil Biology and Biochemistry</i> , 1981 , 13, 543-545	7.5	33
2278	Enzyme status of some jute growing soils of West Bengal. 1981 , 19, 181		3
2277	Effects of some pesticides on enzyme activities in an organic soil. 1981 , 27, 109-14		23
2276	Effects of pesticides on activities of enzymes and microorganisms in a clay soil. 1981 , 16, 179-91		26
2275	Influence of temperature on nonenzymatic hydrolysis of P-nitrophenyl phosphate in soil. 1981 , 12, 279-287		5
2274	Abiotic enzymes in arctic soils: Influence of predominant vegetation upon phosphomonoesterase and sulphatase activity. 1982 , 13, 863-878		7
2273	Evaluation of accelerated H ⁺ applications in predicting soil chemical and microbial changes due to acid rain. 1982 , 13, 995-1001		5
2272	Über Sorption und Wirkung von Blei auf die biologische Aktivität terrestrischer Humusformen. 1982 , 145, 52-65		13
2271	Long-term effects of crude oil on microbial processes in subarctic marine sediments. 1982 , 13, 273-278		16
2270	Physical treatment and reinoculation of soil: Effects on microorganisms and enzyme activities. <i>Soil Biology and Biochemistry</i> , 1982 , 14, 57-61	7.5	6
2269	Hydrolases extracted from soil: Kinetic parameters of several enzymes catalysing the same reaction. <i>Soil Biology and Biochemistry</i> , 1982 , 14, 429-432	7.5	38
2268	Effect of pH on enzyme stability in soils. <i>Soil Biology and Biochemistry</i> , 1982 , 14, 433-437	7.5	96
2267	Hydrolases extracted from soil: Their properties and activities. <i>Soil Biology and Biochemistry</i> , 1982 , 14, 257-263	7.5	77
2266	Effect of plant growth and addition of plant residues on the phosphatase activity in soil. 1982 , 66, 265-269		17
2265	PLANT-INDUCED CHANGES IN THE RHIZOSPHERE OF RAPE (BRASSICA NAPUS VAR. EMERALD) SEEDLINGS. 1982 , 91, 45-56		238
2264	Chemical properties of soil and water-stable aggregates after sixty-seven years of cropping to spring wheat. 1983 , 75, 51-61		69
2263	Effects of de-icing salt on soil enzyme activity. 1983 , 20, 211-220		2

2262	Litter decomposition, CO-release and enzyme activities in a snowbed and on a windswept ridge in an alpine environment. 1983 , 59, 288-291		20
2261	The phosphatase activity and release of phosphorus during composting with fungal inoculants and in the presence of phosphate. 1983 , 7, 51-59		1
2260	Biochemical studies on composting of municipal sewage sludge mixed with rice hull. 1983 , 29, 159-173		9
2259	Assessment of phosphatase activity in soils. <i>Soil Biology and Biochemistry</i> , 1983 , 15, 403-408	7.5	73
2258	Relationship between intensity of phosphatase activity and physico-chemical properties in woodland soils. <i>Soil Biology and Biochemistry</i> , 1983 , 15, 93-99	7.5	81
2257	Einfluss pedogener Tonminerale auf die Kinetik (k_m und V_{max}) von alkalischer und saurer Phosphatase. 1983 , 146, 3-12		10
2256	Polyphosphate body and acid phosphatase localization in <i>Nostoc</i> sp.. 1984 , 30, 8-15		7
2255	In situ cultivation and incorporation of green manure legumes in coconut basins. 1984 , 80, 373-380		10
2254	Chemical composition and enzymic activity of some worm casts. 1984 , 80, 417-422		21
2253	Enzyme activities in a clay-loam soil amended with various crop residues. 1984 , 81, 345-351		22
2252	Influence of plant roots on C and P metabolism in soil. 1984 , 76, 175-182		149
2251	Phosphatase activity of <i>Penicillium citrinum</i> submerged batch cultures and its relationship to fungal activity. 1984 , 81, 61-68		6
2250	Ornithogenic soils of the Cape Bird adelic penguin rookeries, Antarctica. 1984 , 2, 207-212		32
2249	An examination of the factors involved in determining phosphatase activities in estuarine water. 1: Analytical procedures. 1984 , 111, 3-11		15
2248	Seasonal Changes in Carbon Content, and Dehydrogenase, Phosphatase, and Urease Activities in Mixed Prairie and Fescue Grassland Ah Horizons. 1984 , 37, 31		32
2247	Influence of the herbicide goltix on extracellular urease and phosphatase in suspended soil. 1984 , 139, 415-424		3
2246	Spatial variability of biochemical properties in a taxonomically-uniform soil under grazed pasture. <i>Soil Biology and Biochemistry</i> , 1984 , 16, 153-160	7.5	73
2245	Microbiological and biochemical characteristics of a range of New Zealand soils under established pasture. <i>Soil Biology and Biochemistry</i> , 1984 , 16, 177-183	7.5	83

2244	Kinetic behaviour of alkaline phosphatase desorbed from different clay minerals. 1984 , 147, 497-501		5
2243	Effect of different treatments with crop residues on soil phosphatase activity. 1985 , 1, 111		9
2242	Responses of microbial components of the rhizosphere to plant management strategies in a semiarid rangeland. 1985 , 85, 65-76		6
2241	Phosphorus Cycling in Unfertilized and Fertilized Agricultural Soils. 1985 , 49, 905-911		126
2240	Soil microbial biomass and selected soil enzyme activities: Effect of fertilization and cropping practices. <i>Soil Biology and Biochemistry</i> , 1985 , 17, 297-302	7.5	245
2239	Stability and mineralization of organic phosphorus incorporated into model humic polymers. <i>Soil Biology and Biochemistry</i> , 1985 , 17, 221-227	7.5	25
2238	Adenosine Deaminase Activity in Soils. 1986 , 32, 107-112		4
2237	Microbial biomass in organic soils: Estimation of biomass C, and effect of glucose or cellulose amendments on the amounts of N and P released by fumigation. <i>Soil Biology and Biochemistry</i> , 1986 , 18, 507-513	7.5	55
2236	Cellulase complex in a tomato field soil: Induction, localization and some properties. <i>Soil Biology and Biochemistry</i> , 1986 , 18, 215-219	7.5	37
2235	Changes in microbial biomass C, ATP content, soil phospho-monoesterase and phospho-diesterase activity following air-drying of soils. <i>Soil Biology and Biochemistry</i> , 1986 , 18, 363-370	7.5	94
2234	Phosphomonoesterase activity in forest soils. <i>Soil Biology and Biochemistry</i> , 1986 , 18, 35-39	7.5	56
2233	Forensic Soil Characterization. 1986 , 1-35		7
2232	Effect of Some s-Triazine Herbicides on Phosphatases from Corn (<i>Zea mays</i>) Roots. 1986 , 34, 807-810		2
2231	EFFECT OF EXCESS FEEDLOT MANURE ON CHEMICAL CONSTITUENTS OF SOIL UNDER NONIRRIGATED AND IRRIGATED MANAGEMENT. 1986 , 66, 303-313		11
2230	Effects of trichloroethylene, tetrachloroethylene and dichloromethane on enzymatic activities in soil. 1986 , 25, 76-81		20
2229	Potential impact of selected agricultural chemical contaminants on a northern prairie wetland: A microcosm evaluation. 1986 , 5, 473-485		52
2228	Relationship between microbial activity of stream sediments, determined by three different methods, and abiotic variables. 1986 , 12, 193-203		11
2227	Effects of copper, zinc, and cadmium ions on the production of phosphate from phytic acid by the phytase system in spruce forest soil. 1986 , 94, 227-234		5

2226	Observations on a Mixed Farm during the Transition to Biological Husbandry. 1986 , 4, 69-154	19
2225	EFFECT OF <i>Nosema locustae</i> Canning (Microsporida) AND THREE CHEMICAL INSECTICIDES ON MICROBIAL ACTIVITY IN SOIL. 1987 , 67, 631-637	5
2224	Activity of enzymes in rhizosphere and non-rhizosphere soils amended with sludge. <i>Soil Biology and Biochemistry</i> , 1987 , 19, 203-205	7.5 44
2223	Origin and expression of phosphatase activity in a semi-arid grassland soil. <i>Soil Biology and Biochemistry</i> , 1987 , 19, 13-18	7.5 42
2222	Enzyme activities in reclaimed coal mine spoils and soils. 1987 , 14, 359-367	13
2221	Effect of Ammonia-Excreting <i>Azotobacter chroococcum</i> Strain AC2 on Soil Enzymes of Soils under Cereals and Legumes. 1987 , 142, 457-463	
2220	Microbial Activity and Ultrastructure of Mineral-Based Marine Snow from Howe Sound, British Columbia. 1987 , 44, 1135-1142	25
2219	Phosphatase activity in the rhizosphere and its relation to the depletion of soil organic phosphorus. 1987 , 3, 199-204	338
2218	PHOSPHATASE ACTIVITY ASSOCIATED WITH THE ROOTS AND THE RHIZOSPHERE OF PLANTS INFECTED WITH VESICULAR-ARBUSCULAR MYCORRHIZAL FUNGI. 1987 , 107, 163-172	145
2217	A simple method for assessing acid phosphatase activity of ectomycorrhizal fungi. 1988 , 91, 346-347	4
2216	A new <i>Gnomonia</i> species from India. 1988 , 91, 347-349	
2215	Phosphatase activity in corn and soybean roots: Conditions for assay and effects of metals. 1988 , 107, 39-47	45
2214	Interference with soil phosphatase activity by maize herbicidal treatment and incorporation of maize residues. 1988 , 6, 286	7
2213	Influence of smoke exposure on soil enzyme activities and nitrification. 1988 , 6, 341-346	1
2212	Organic phosphorus compounds as a phosphorus source for higher plants through the activity of phosphatases produced by plant roots and microorganisms. 1988 , 5, 308	335
2211	Production of phosphatates by fungi isolated from desert soils. 1988 , 33, 453-457	56
2210	Phosphomonoesterase activity in cultivated soils amended with different levels of organic materials. 1988 , 34, 293-296	3
2209	Enzyme activities in soils: Effects of leaching, ignition, autoclaving and fumigation. <i>Soil Biology and Biochemistry</i> , 1988 , 20, 583-585	7.5 19

2208	Distribution of microbial biomass and its activity in different soil aggregate size classes as affected by cultivation. <i>Soil Biology and Biochemistry</i> , 1988 , 20, 777-786	7.5	476
2207	Effect of inoculation of a phosphate-solubilizing phytohormone producing <i>Bacillus firmus</i> on the growth and yield of soybean (<i>Glycine max</i>), grown in acid soil of Nagaland. 1988 , 143, 139-147		1
2206	Microbial activities in soil amended with sewage sludges. 1988 , 34, 221-232		31
2205	Enzyme activities in hill land soils of the Appalachian region. 1988 , 19, 367-384		8
2204	EFFECT OF PLANT ROOTS ON CHEMICAL AND BIOCHEMICAL PROPERTIES OF SURROUNDING DISCRETE SOIL ZONES. 1988 , 68, 233-242		37
2203	IMPACT OF ELEMENTAL SULFUR FERTILIZATION ON AGRICULTURAL SOILS. I. EFFECTS ON MICROBIAL BIOMASS AND ENZYME ACTIVITIES. 1988 , 68, 463-473		41
2202	Activity of urease and phosphatases in the root-soil interface of vegetable crops. 1988 , 63, 605-608		3
2201	Genetic variation of salt tolerance in seedling emergence, early growth characters and phosphatase activity of sunflowers growing on arid soils. 1989 , 16, 263-269		
2200	Phosphatase activity and distribution of phosphorus in arid soil profiles under different land use patterns. 1989 , 16, 29-34		18
2199	Vegetation and Soil Responses to Short-Duration Grazing on Fescue Grasslands. 1989 , 42, 252		40
2198	Relationship between microbial numbers and other microbial indices in soil. 1989 , 43, 941-5		6
2197	Effect of 6 years of zero tillage and N fertilizer management on changes in soil quality of an orthic Brown Chernozem in Southwestern Saskatchewan. 1989 , 14, 39-52		33
2196	Organic and inorganic soil phosphates and acid phosphatase activity in the rhizosphere of 80-year-old Norway spruce [<i>Picea abies</i> (L.) Karst.] trees. 1989 , 8, 128		106
2195	Soil microbial biomass and enzyme activity in subarctic agricultural and forest soils. 1989 , 7, 283		38
2194	Nutrient and phytotoxic contributions of residue to soil in no-till continuous-corn ecosystems. 1989 , 8, 328		8
2193	Short- and long-term effects of heavy metals on phosphatase activity in soils: An ecological dose-response model approach. 1989 , 8, 235		98
2192	Phosphatase activity in <i>Nasutitermes ephratae</i> termite nests. 1989 , 7, 134-137		17
2191	Phosphorus accumulation in savanna termite mound in Venezuela. 1989 , 40, 635-640		16

2190	Mobilization and turnover of soil phosphorus in the rhizosphere. 1989 , 152, 175-180		48
2189	Effect of four experimental insecticides on enzyme activities and levels of adenosine triphosphate in mineral and organic soils. 1990 , 25, 787-800		8
2188	Dehydrogenase and phosphatase activities in soil as influenced by the growth of arid-land crops. 1990 , 115, 221-225		14
2187	Utilization of AlPO ₄ as a phosphorus source by ectomycorrhizal <i>Pinus rigida</i> Mill. seedlings. 1990 , 116, 99-106		39
2186	Method for estimation of acid phosphatase in woodland soils. 1990 , 35, 443-453		3
2185	The effect of surface growth of blue-green algae and bryophytes on some microbiological, biochemical, and physical soil properties. 1990 , 9, 239-244		51
2184	Soil pH and phosphatase activity. 1990 , 21, 439-456		35
2183	Variation in acid phosphatase activity among progeny from controlled crosses in the ectomycorrhizal fungus <i>Laccaria bicolor</i> . 1990 , 68, 864-866		24
2182	Acid phosphatase activity and vesicular-arbuscular mycorrhizal infection associated with roots of four wheat cultivars. 1990 , 13, 585-598		37
2181	Distribution and characterization of phosphatase and organic phosphorus in soil fractions. <i>Soil Biology and Biochemistry</i> , 1990 , 22, 169-174	7.5	66
2180	Influence of paper mill effluent irrigation on soil enzyme activities. <i>Soil Biology and Biochemistry</i> , 1990 , 22, 923-926	7.5	38
2179	Phosphatase activity in arctic tundra soils disturbed by vehicles. <i>Soil Biology and Biochemistry</i> , 1990 , 22, 853-858	7.5	8
2178	Activities of phosphomonoesterases as influenced by goethite and pyrite. 1991 , 9, 217-224		1
2177	Enzymatic changes in the rhizosphere of loblolly pine exposed to ozone and acid rain. <i>Soil Biology and Biochemistry</i> , 1991 , 23, 1115-1119	7.5	20
2176	Liming and the phosphatase activity and mineralization of phosphorus in an andic soil. <i>Soil Biology and Biochemistry</i> , 1991 , 23, 209-215	7.5	41
2175	Acid phosphomonoesterase activity of ectomycorrhizal roots in norway spruce pure stands exposed to pollution. <i>Soil Biology and Biochemistry</i> , 1991 , 23, 667-671	7.5	21
2174	Early stages of lignite mine soil genesis: Changes in biochemical properties. <i>Soil Biology and Biochemistry</i> , 1991 , 23, 589-595	7.5	25
2173	Soil microflora and biological activities in the rhizospheres and root regions of coconut-based multistoreyed cropping and coconut monocropping systems. <i>Soil Biology and Biochemistry</i> , 1991 , 23, 89-94	7.5	12

2172	Biogeochemistry of billabong sediments. I. The effect of macrophytes. 1991 , 26, 209-226		39
2171	Stability and properties of alkaline phosphate immobilized by a rendzina soil. 1991 , 55, 229-240		39
2170	Effect of technical and formulated insecticides on activities of enzymes and levels of adenosine triphosphate in soil. 1992 , 2, 76-83		
2169	Decomposition of paddy straw in soil and the effect of straw incorporation in the field on the yield of wheat. 1992 , 155, 307-311		6
2168	The influence of rock powders on microbial activity of three forest soils. 1992 , 155, 29-33		10
2167	Soil Chemistry in a Loblolly/Longleaf Pine Forest with Interval Burning. 1992 , 2, 157-164		80
2166	Effect of some herbicides on activities of microorganisms and enzymes in soil. 1992 , 27, 695-709		33
2165	Acid phosphatase activity in <i>Pinus pinea</i> â€” <i>Tuber albidum</i> ectomycorrhizal association. 1992 , 70, 1377-1383		17
2164	The distribution of pollutant heavy metals and their effect on soil respiration and acid phosphatase activity in mineral soils of the Rouyn-Noranda region, Qubec1. 1992 , 121, 231-245		19
2163	Effects of liming a red pine forest floor on mycorrhizal numbers and mycorrhizal and soil acid phosphatase activities. <i>Soil Biology and Biochemistry</i> , 1992 , 24, 479-487	7.5	33
2162	Soil microbial population numbers and enzyme activities in relation to altitude and forest degradation. <i>Soil Biology and Biochemistry</i> , 1992 , 24, 761-767	7.5	74
2161	Effect of liming on some chemical, biochemical, and microbiological properties of acid soils under spruce (<i>Picea abies</i> L.). 1992 , 14, 76-83		91
2160	Biochemical characterization of biological activity in very young mine soils. 1992 , 13, 25-30		56
2159	Effects of different phosphatase-producing fungi on growth and nutrition of mung beans [<i>Vigna radiata</i> (L.) Wilczek] in an arid soil. 1992 , 13, 35-38		12
2158	Phosphatase activity and phosphorus fractions in Karri (<i>Eucalyptus diversicolor</i> F. Muell.) forest soils. 1992 , 14, 200-204		45
2157	Availability of organic and inorganic forms of phosphorus to lupins (<i>Lupinus</i> spp.). 1992 , 145, 107-113		131
2156	Nitrogen and phosphorus cycling in relation to stand age of <i>Eucalyptus regnans</i> F. Muell. 1992 , 142, 177-185		39
2155	In vivo demonstration of acid phosphatase activity in the rhizosphere of soil-grown plants. 1992 , 144, 199-205		147

2154	A new method for estimating gross phosphorus mineralization and immobilization rates in soils. 1992 , 147, 243-250		120
2153	Sediment resuspension effects on alkaline phosphatase activity. 1992 , 245, 75-86		21
2152	Biogeochemistry of billabong sediments. II. Seasonal variations in methane production. 1992 , 27, 435-445		70
2151	Effect of three newer pesticides on microbial and enzymatic activities in soil. 1992 , 49, 120-8		4
2150	Modifications of the phosphorus cycle with development of lignite mine soils. 1993 , 4, 131-142		5
2149	Mycorrhizal associations in Hong Kong Fagaceae. 1993 , 2, 133-139		4
2148	Microbial biomass turnover and enzyme activities following the application of farmyard manure to field soils with and without previous long-term applications. 1993 , 15, 60-64		82
2147	Microbial biomass P, labile P, and acid phosphatase activity in the humus layer of a spruce forest, after repeated additions of fertilizers. 1993 , 16, 287-292		86
2146	Nutrient cycling in forests. 1993 , 124, 561-582		472
2145	Influence of ten herbicides on activities of microorganisms and enzymes in soil. 1993 , 51, 30-9		5
2144	A study of biochemical parameters of composted and fresh municipal wastes. 1993 , 44, 17-23		104
2143	Characteristics associated with differences between undisturbed and industrially-disturbed soils. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 1499-1511	7.5	23
2142	Requirement of p-nitrophenol standard for each soil. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 295-296	7.5	23
2141	Proposed substrate for evaluating alkyl phosphomonoesterase activity in soil. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 763-768	7.5	5
2140	Kinetics of phosphatase activity in organic wastes. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 561-565	7.5	24
2139	Changes in soil phosphorus and acid phosphatase activity immediately following forest fires. <i>Soil Biology and Biochemistry</i> , 1993 , 25, 1223-1230	7.5	98
2138	Effect of fungicides, captafol and chlorothalonil, on microbial and enzymatic activities in mineral soil. 1993 , 28, 67-80		28
2137	Role of VAM fungi in nutrient uptake and growth of clusterbean in an arid soil. 1993 , 7, 275-280		8

2136	Selected Methods for the Detection and Assessment of Ecological Effects Resulting from the Release of Genetically Engineered Microorganisms to the Terrestrial Environment. 1993 , 1-98		34
2135	Kinetic parameters of phosphatase activity along a xeric dolomitic soil chronosequence related to wildfires. 1993 , 11, 235-245		7
2134	Mobilität und Pflanzenverfügbarkeit von Phosphor aus organischen und anorganischen Formen in der Rhizosphäre von <i>Lolium perenne</i> . 1993 , 156, 279-285		4
2133	Resposta à inoculação de fungo solubilizador de fósforo em milho. 1994 , 51, 463-469		6
2132	Nitrogen and Phosphorus Availability and the Role of Fire in Heathlands at Wilsons Promontory. 1994 , 42, 269		31
2131	Efficiency of VAM hyphae in utilisation of organic phosphorus by wheat plants. 1994 , 40, 593-600		55
2130	Phosphomonoesterase, phosphodiesterase, phosphotriesterase, and inorganic pyrophosphatase activities in forest soils in an alpine area: effect of pH on enzyme activity and extractability. 1994 , 18, 320-326		37
2129	Long-term effects of heavy metals from composted municipal waste on some enzyme activities in a cultivated soil. 1994 , 17, 257-262		22
2128	Experimental approaches to the determination of acid phosphomonoesterase activity in soil. 1994 , 39, 245-248		3
2127	Within-season variability in mycorrhizal benefit to reproduction in <i>Abutilon theophrasti</i> Medic.. 1994 , 17, 821-827		22
2126	Chemical characteristics of soil after 40 years of continuous maize cultivation. 1994 , 49, 239-245		18
2125	Phosphatase activity in the rhizosphere and hyphosphere of VA mycorrhizal wheat supplied with inorganic and organic phosphorus. <i>Soil Biology and Biochemistry</i> , 1994 , 26, 387-395	7.5	285
2124	Granulated wood ash and a N-free fertilizer to a forest soil—effects on P availability. 1994 , 66, 127-136		36
2123	Effect of sodic water irrigation and farmyard manure application on soil microbial biomass and microbial activity. 1994 , 1, 139-144		15
2122	A new index for evaluation of soil fertility. 1994 , 149, 321-325		8
2121	Einfluss von Sorte und Phosphordüngung auf den Phosphorgehalt und die Aktivität der sauren Phosphatasen von Weizen und Gerste. Ein Beitrag zur Diagnose der P-Versorgung von Pflanzen â€“ 1995 , 158, 3-8		5
2120	Influence of chloride and sulphate ions on soil enzymes. 1995 , 175, 129-133		8
2119	Microbial biomass and activity in a grassland soil amended with different application rates of silage effluent—a laboratory study. 1995 , 52, 175-180		7

2118	Soil microbial diversity and the sustainability of agricultural soils. 1995 , 170, 75-86		511
2117	Phosphorus and nitrogen fertilization of a Norway spruce forest-effects on needle concentrations and acid phosphatase activity in the humus layer. 1995 , 175, 239-249		26
2116	Assessing the impact of elevated CO2 on soil microbial activity in a Mediterranean model ecosystem. 1995 , 187, 333-342		76
2115	Barley genotypes differ in activity of soluble extracellular phosphatase and depletion of organic phosphorus in the rhizosphere soil. 1995 , 172, 117-122		110
2114	Root growth, microbial activity and phosphatase activity in oil-contaminated, remediated and uncontaminated soils planted to barley and field pea. 1995 , 173, 3-10		54
2113	Dual inoculation with <i>Aspergillus fumigatus</i> and <i>Glomus mosseae</i> enhances biomass production and nutrient uptake in wheat (<i>Triticum aestivum</i> L.) supplied with organic phosphorus as Na-phytate. 1995 , 173, 97-102		78
2112	The short-term effects of cessation of fertiliser applications, liming, and grazing on microbial biomass and activity in a reseeded upland grassland soil. 1995 , 19, 148-154		51
2111	Changes in heated and autoclaved forest soils of S.E. Australia. II. Phosphorus and phosphatase activity. 1995 , 29, 25		30
2110	Methane dosage to soil and its effect on plant growth. 1995 , 11, 529-35		6
2109	On the cause of offspring superiority conferred by mycorrhizal infection of <i>Abutilon theophrasti</i> . 1995 , 131, 435-441		38
2108	Effect of vesicular-arbuscular mycorrhizal and phosphatase-producing fungal inoculation on growth and nutrition of white clover supplied with organic phosphorus. 1995 , 40, 327-332		3
2107	Erste ergebnisse zur anwendung von biotests zur indikation Von Schwermetallkontaminationen im boden. 1995 , 39, 107-116		
2106	Effect of five insecticides on microbial and enzymatic activities in sandy soil. 1995 , 30, 289-306		45
2105	Soil microbial biomass and activity in long-term grassland: Effects of management changes. <i>Soil Biology and Biochemistry</i> , 1995 , 27, 969-975	7.5	202
2104	Loblolly pine needle nutrient and soil enzyme activity as influenced by ozone and acid rain chemistry. <i>Soil Biology and Biochemistry</i> , 1995 , 27, 1059-1064	7.5	13
2103	P depletion and activity of phosphatases in the rhizosphere of mycorrhizal and non-mycorrhizal cucumber (<i>cucumis sativus</i> L.). <i>Soil Biology and Biochemistry</i> , 1995 , 27, 1145-1151	7.5	55
2102	Growth and extracellular phosphatase activity of arbuscular mycorrhizal hyphae as influenced by soil organic matter. <i>Soil Biology and Biochemistry</i> , 1995 , 27, 1153-1159	7.5	157
2101	Influence of cropping systems on soil biochemical properties in an arid rain-fed environment. 1995 , 31, 237-244		22

2100	Bioavailable phosphorus dynamics in agricultural soils and effects on water quality. 1995 , 67, 1-15	44
2099	Enzyme activities. 1995 , 311-373	10
2098	Role of phosphatase-producing fungi on the growth and nutrition of clusterbean (<i>Cyamopsis tetragonoloba</i> (L.) Taub.). 1995 , 29, 331-337	11
2097	Contribution of <i>Aspergillus</i> strains to acquisition of phosphorus by wheat (<i>Triticum aestivum</i> L.) and chick pea (<i>Cicer arietinum</i> Linn.) grown in a loamy sand soil. 1996 , 3, 109-114	24
2096	Enzymes Involved in Phosphorus Metabolism. 1996 , 208-227	2
2095	Synthesis and characterization of an acid phosphatase-polyresorcinol complex. <i>Soil Biology and Biochemistry</i> , 1996 , 28, 1155-1161	7.5 35
2094	Effects of lead pollution on different soil enzyme activities. 1996 , 22, 53-58	47
2093	Microbial and enzyme activity in soils amended with a natural source of easily available carbon. 1996 , 21, 177-183	32
2092	Effect of cadmium on the ligninolytic activity of <i>Stereum hirsutum</i> and <i>Phanerochaete chrysosporium</i> . 1996 , 41, 363-367	39
2091	Effects of cadmium and sewage-sludge on soil microbial biomass and enzyme activities. 1996 , 56, 141-145	63
2090	Influence of the application of sewage sludges on soil microbial activity. 1996 , 57, 19-23	73
2089	Influence of salinity on the biological and biochemical activity of a calciorthird soil. 1996 , 178, 255-263	144
2088	Extracellular enzyme activity in soil: effect of pH and ionic strength on the interaction with montmorillonite of two acid phosphatases secreted by the ectomycorrhizal fungus <i>Hebeloma cylindrosporium</i> . 1996 , 47, 511-522	100
2087	Vergleichende bodenbiologische untersuchungen an lysimetern und deren herkunftsflächen. 1996 , 40, 485-502	1
2086	Phosphate-limitation physiology in ectomycorrhizal pitch pine (<i>Pinus rigida</i>) seedlings. 1996 , 16, 977-983	28
2085	Soil temperature and fumigation effects on plant phosphorus uptake and related microbial properties. 1997 , 20, 485-497	3
2084	Resources. 1997 , 12, 184-184	
2083	Cropping systems: Effects on soil quality indicators and yield of pearl millet in an arid region. 1997 , 12, 178-184	7

2082	Cluster Roots and Mycorrhizae in <i>Casuarina cunninghamiana</i> : their Occurrence and Formation in Relation to Phosphorus Supply. 1997 , 45, 41	54
2081	Properties of soil particle size separates after 40 years of continuous corn. 1997 , 28, 427-440	7
2080	Mycorrhizal dependency of a representative plant species in mediterranean shrublands (<i>Lavandula spica</i> L.) as a key factor to its use for revegetation strategies in desertification-threatened areas. 1997 , 7, 83-92	67
2079	Toxicity of increased amounts of chemicals and the dose-response curves for heterogeneous microbial populations in soil. 1997 , 37, 37-44	26
2078	Methods for Assessing Soil Quality. 1997 ,	36
2077	Use of crop residue and manure to conserve water and enhance nutrient availability and pearl millet yields in an arid tropical region. 1997 , 41, 43-51	41
2076	Phosphorus transformations along a soil/vegetation series of fire-prone, dolomitic, semi-arid shrublands of southern Spain Soil P and Mediterranean shrubland dynamic. 1997 , 39, 87-120	28
2075	Effect of tillage and residue management on enzyme activities in soils: III. Phosphatases and arylsulfatase. 1997 , 24, 141-146	197
2074	Organic matter, microbial biomass and enzyme activity of soils under different crop rotations in the tropics. 1997 , 24, 306-310	97
2073	Extracellular phosphomono- and phosphodiesterase associated with and released by the roots of barley genotypes: a non-destructive method for the measurement of the extracellular enzymes of roots. 1997 , 25, 117-122	12
2072	Towards a biochemical quality index for soils: An expression relating several biological and biochemical properties. 1997 , 26, 100-106	158
2071	Relationship between phosphatase active bacteria and phosphatase activities in forest soils. 1997 , 26, 112-115	7
2070	Soil microbiological parameters as indicators of soil quality under improved fallow management systems in south-western Nigeria. 1998 , 202, 97-107	89
2069	Kinetic properties and stability of potato acid phosphatase immobilized on Ca-polygalacturonate. 1998 , 27, 97-103	16
2068	Effects of marigold (<i>Tagetes</i> sp.) roots on soil microorganisms. 1998 , 27, 149-154	34
2067	Soil organic matter, microbial biomass and enzyme activities in a tropical agroforestry system. 1998 , 27, 168-172	64
2066	Long-term DDT pollution in tropical soils: effect of DDT and degradation products on soil microbial activities leading to soil fertility. 1998 , 60, 585-91	17
2065	Enzymatic activities in an arid soil amended with urban organic wastes: Laboratory experiment. 1998 , 64, 131-138	131

2064	Changes in soil microbial biomass and microbial activities in response to 7 years simulated pollutant nitrogen deposition on a heathland and two grasslands. 1998 , 103, 239-250		117
2063	Soil P status and phosphomonoesterase activity of recently burnt and unburnt soil following laboratory incubation. <i>Soil Biology and Biochemistry</i> , 1998 , 30, 419-428	7.5	27
2062	2-Nitroacetanilide as substrate for determination of aryl acylamidase activity in soils. <i>Soil Biology and Biochemistry</i> , 1998 , 30, 679-686	7.5	8
2061	<i>Cognettia sphagnetorum</i> (Enchytraeidae) and nutrient cycling in organic soils: a microcosm experiment. 1998 , 9, 289-294		38
2060	Influence of food quality on the physical and chemical properties of detritivorous earthworm casts. 1998 , 9, 263-269		34
2059	Activities of some soil enzymes in different land use systems after deforestation in hilly areas of West Lampung, South Sumatra, Indonesia. 1998 , 44, 93-103		30
2058	Selection of plant species for rehabilitation of gypsum mine spoil in arid zone. 1998 , 39, 559-567		13
2057	Soil Improvement Following Addition of Chipped Wood from Twigs. 1998 , 13, 132-137		7
2056	Methods for Determining Extracellular and Surface-Bound Phosphatase Activities in Ectomycorrhizal Fungi. 1998 , 217-225		7
2055	Phosphatases in Horse and Chicken Manure Composts. 1999 , 7, 47-54		19
2054	Effects of arbuscular mycorrhizae and liming on growth and mineral acquisition of aluminum-tolerant and aluminum-sensitive barley cultivars. 1999 , 22, 121-137		55
2053	Enzyme activities as indicators of the stabilization of sewage sludges composting with <i>Eisenia foetida</i> . 1999 , 67, 297-303		213
2052	Plant species and nitrogen effects on soil biological properties of temperate upland grasslands. 1999 , 13, 650-660		302
2051	The effects of quantity and duration of simulated pollutant nitrogen deposition on root-surface phosphatase activities in calcareous and acid grasslands: a bioassay approach. 1999 , 141, 433-442		72
2050	Mobilization of soil and fertilizer phosphate by cover crops. 1999 , 211, 19-27		152
2049	Nitrogen and phosphorus requirement of the microbiota in soils of the Bornhøved Lake district. 1999 , 212, 173-181		29
2048	Effects of a cadmium-contaminated sewage sludge compost on dynamics of organic matter and microbial activity in an arid soil. 1999 , 28, 230-237		131
2047	Effects of DDT and its metabolites on soil algae and enzymatic activity. 1999 , 29, 130-134		39

2046	Influence of inorganic fertilizers and organic amendments on soil organic matter and soil microbial properties under tropical conditions. 1999 , 29, 196-200		213
2045	Defining the validity of a biochemical index of soil quality. 1999 , 30, 140-146		46
2044	Nutrient content of earthworm casts influenced by different mulch types. 1999 , 35, 23-30		41
2043	Effects of storage on measurements of potential microbial activities in stream fine benthic organic matter. 1999 , 38, 91-9		4
2042	Soil enzyme response to vegetation disturbance in two lowland Costa Rican soils. <i>Soil Biology and Biochemistry</i> , 1999 , 31, 1603-1608	7.5	59
2041	Is soil acidification the cause of biochemical responses when soils are amended with heavy metal salts?. <i>Soil Biology and Biochemistry</i> , 1999 , 31, 1953-1961	7.5	119
2040	Activities of soil enzymes in different land-use systems in middle terrace areas of Lampung province, South Sumatra, Indonesia. 1999 , 45, 89-99		8
2039	Selected enzyme activities as affected by free iron oxides and clay particle size. 1999 , 30, 1561-1571		7
2038	Characterization of effects of a long-term wastewater irrigation on soil quality by microbiological and biochemical parameters. 1999 , 162, 409-413		30
2037	Mikrobielle prozesse im asche-klärschlamm-kompost bei der rekultivierung von hochhalten in abhängigkeit von der dauer seiner aufbringung. 2000 , 45, 307-327		
2036	Organic Recycling for Soil Quality Conservation in a Sub-tropical Plateau Region. 2000 , 184, 137-142		29
2035	Microbial biomass content and enzymatic activities after the application of organic amendments to a horticultural soil. 2000 , 75, 43-48		239
2034	Physiological aspects of fungi isolated from root nodules of faba bean (<i>Vicia faba</i> L.). 2000 , 154, 339-47		23
2033	Non-destructive measurement of acid phosphatase activity in the rhizosphere using nitrocellulose membranes and image analysis. 2000 , 218/2, 49-57		42
2032	Traits associated with improved P-uptake efficiency in CIMMYT's semidwarf spring bread wheat grown on an acid Andisol in Mexico. 2000 , 221, 189-204		111
2031	Land quality changes following the conversion of the natural vegetation into silvo-pastoral systems in semi-arid NE Brazil. 2000 , 222, 59-70		40
2030	Impact of application of organic waste materials on microbial and enzyme activities of mine soils in the Lusatian coal mining region. 2000 , 220, 129-138		43
2029	Arbuscular mycorrhizal phosphate transport under monoxenic conditions using radio-labelled inorganic and organic phosphate. 2000 , 22, 1705-1708		59

2028	Phosphatase activity of extra-radical arbuscular mycorrhizal hyphae: A review. 2000 , 226, 199-210		117
2027	Influence of cadmium on the metabolic quotient, l- : d-glutamic acid respiration ratio and enzyme activity : microbial biomass ratio under laboratory conditions. 2000 , 32, 8-16		117
2026	Microbial diversity and activity of disturbed soil in the northern Chihuahuan Desert. 2000 , 32, 243-249		31
2025	Enzymatic hydrolysis of soil organic phosphorus by immobilized phosphatases. 2000 , 30, 306-311		62
2024	Effects of arbuscular mycorrhizal inoculation on growth, yield, nitrogen, and phosphorus nutrition of nodulating bean varieties in two soil substrates of contrasting fertility. 2000 , 23, 1117-1133		12
2023	Modified method for measuring acid phosphatase activities in forest soils with high organic matter content. 2000 , 31, 3077-3088		31
2022	Influence of mulch and soil compaction on earthworm cast properties. 2000 , 14, 223-229		39
2021	Organic amendment and mycorrhizal inoculation as a practice in afforestation of soils with <i>Pinus halepensis</i> Miller: effect on their microbial activity. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1173-1181	7.5	62
2020	Detection, quantification and characterization of β -glucosaminidase activity in soil. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1183-1190	7.5	302
2019	Importance of food quality on selected enzyme activities in earthworm casts (<i>Dendrobaena octaedra</i> , Lumbricidae). <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1191-1196	7.5	65
2018	Plant species affect acid phosphatase, ergosterol and microbial P in a Jarrah (<i>Eucalyptus marginata</i> Donn ex Sm.) forest in south-western Australia. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1817-1827	7.5	97
2017	Limitations of soil enzymes as indicators of soil pollution. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1867-1875	7.5	177
2016	Long-term effects of municipal solid waste compost application on soil enzyme activities and microbial biomass. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1907-1913	7.5	436
2015	Biochemical properties of acid soils under climax vegetation (Atlantic oakwood) in an area of the European temperate-humid zone (Galicia, NW Spain): specific parameters. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 747-755	7.5	80
2014	Use of sonication for measuring acid phosphatase activity in soil. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 825-832	7.5	36
2013	Rangeland Management Impacts on Soil Biological Indicators in Southern Alberta. 2000 , 53, 233		3
2012	Nutrient and microbiological characteristics of fine benthic organic matter in mountain streams. 2000 , 19, 235-249		27
2011	Die Wirkung von Düngungsänderungen auf die mikrobielle Aktivität von Löss-Schwarzerde nach 96 Jahren differenzierter organischer und mineralischer Düngung im ästatischen Düngungsversuch im Bad Lauchstädt. 2000 , 45, 381-397		2

2010	DESIGNING A SOIL QUALITY ASSESSMENT TOOL FOR SUSTAINABLE AGROECOSYSTEM MANAGEMENT. 2001 , 11, 1573-1585		274
2009	Interactions between soil micro- and mesofauna and plants in an ecofarming system. 2001 , 37, 245-249		4
2008	Impact of cultivation management in an agroecosystem on hot spot effects of earthworm middens. 2001 , 37, 309-313		22
2007	Morphological, physical and biochemical characteristics of burrow walls formed by earthworms. 2001 , 17, 165-174		88
2006	A microcosm approach for evaluating the effects of the fungicides benomyl and captan on soil ecological processes and plant growth. 2001 , 18, 69-82		44
2005	Influence of mycorrhizal fungi on the growth of different tree species and their nutrient uptake in gypsum mine spoil in India. 2001 , 17, 279-284		28
2004	A microcosm approach to assess the effects of fungicides on soil ecological processes and plant growth: comparisons of two soil types. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 1981-1991	7.5	52
2003	Pesticide influence on soil enzymatic activities. 2001 , 45, 417-25		137
2002	Phosphorus Loading Effects on Extracellular Enzyme Activity in Everglades Wetland Soils. 2001 , 65, 588-595		119
2001	Microscopic detection of phosphatase activity of saprophytic and arbuscular mycorrhizal fungi using a fluorogenic substrate. 2001 , 93, 17-24		28
2000	Assessing organic phosphorus status of Cerrado oxisols (Brazil) using ³¹ P-NMR spectroscopy and phosphomonoesterase activity measurement. 2001 , 81, 591-601		25
1999	Effect of de-inking paper sludge compost application on soil chemical and biological properties. 2001 , 81, 561-575		17
1998	Response of ATP content, respiration rate and enzyme activities in an arable and a forest soil to nutrient additions. 2001 , 34, 64-72		78
1997	Influence of organic and inorganic phosphorus supply on the maximum secretion of acid phosphatase by plants. 2001 , 34, 140-143		80
1996	Microbial Biomass and Activity in a Laterite Soil Amended with Municipal Solid Waste Compost. 2001 , 187, 207-211		20
1995	Long-term effects of intercropping and bio-litter recycling on soil biological activity and fertility status of sub-tropical soils. 2001 , 76, 143-50		14
1994	Organic matter components, aggregate stability and biological activity in a horticultural soil fertilized with different rates of two sewage sludges during ten years. 2001 , 77, 109-14		81
1993	Influence of one or two successive annual applications of organic fertilisers on the enzyme activity of a soil under barley cultivation. 2001 , 79, 147-54		81

1992	Cereal/legume rotations affect chemical properties and biological activities in two West African soils. 2001 , 231, 45-54	85
1991	A comparison of soil quality in adjacent cultivated, forest and native grassland soils. 2001 , 233, 251-259	150
1990	Induction of maize acid phosphatase activities under phosphorus starvation. 2001 , 237, 109-115	71
1989	QTLs and epistasis underlying activity of acid phosphatase under phosphorus sufficient and deficient condition in rice (<i>Oryza sativa</i> L.). 2001 , 230, 99-105	23
1988	In situ determination of subsurface microbial enzyme kinetics. 2001 , 39, 348-55	22
1987	Soil organic matter and biological properties after 26 years of maize-wheat-rowpea cropping as affected by manure and fertilization in a Cambisol in semiarid region of India. 2001 , 86, 155-162	172
1986	Effect of Rhizobial Inoculation on Albizia lebbeck and Its Rhizosphere Activity in Mine Spoils. 2001 , 15, 157-162	10
1985	Comparative effectiveness of phosphate-enriched compost and single superphosphate on yield, uptake of nutrients and soil quality under soybean-wheat rotation. 2001 , 137, 45-54	21
1984	EFFECT OF LONG-TERM MONOCULTURE ON MICROBIOLOGICAL AND BIOCHEMICAL PROPERTIES IN SEMIARID SOILS. 2001 , 32, 537-552	6
1983	Microscopic Detection of Phosphatase Activity of Saprophytic and Arbuscular Mycorrhizal Fungi Using a Fluorogenic Substrate. 2001 , 93, 17	35
1982	HISTOCHEMICAL VISUALIZATION OF PHOSPHATASE RELEASED BY ARBUSCULAR MYCORRHIZAL FUNGI IN SOIL. 2002 , 25, 1-1	22
1981	Phosphorus effects on metabolic processes in monoxenic arbuscular mycorrhiza cultures. 2002 , 130, 1162-71	100
1980	PHOSPHORUS PARTITIONING AND PHOSPHATASE ACTIVITY IN SEMI-ARID REGION SOILS UNDER INCREASING CROP GROWTH INTENSITY 1. 2002 , 167, 616-624	8
1979	Growth of different tree species and their nutrient uptake in limestone mine spoil as influenced by arbuscular mycorrhizal (AM)-fungi in Indian arid zone. 2002 , 51, 113-119	29
1978	Relationships between biological and physico-chemical soil characteristics in a mediterranean agricultural area. 2002 , 48, 279-288	1
1977	PHOSPHATASE AND UREASE ACTIVITIES IN A TROPICAL SANDY SOIL AS AFFECTED BY SOIL WATER-HOLDING CAPACITY AND ASSAY CONDITIONS. 2002 , 33, 3745-3755	5
1976	PLANT GROWTH RESPONSES IN NATURAL ACIDIC SOIL AS AFFECTED BY ARBUSCULAR MYCORRHIZAL INOCULATION AND PHOSPHORUS SOURCES. 2002 , 25, 1389-1405	15
1975	Improvement of rhizosphere aggregate stability of afforested semiarid plant species subjected to mycorrhizal inoculation and compost addition. 2002 , 108, 133-144	100

1974	Hydrolase activities during and after the chloroform fumigation of soil as affected by protease activity. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 51-60	7.5	55
1973	Effect of plant cover decline on chemical and microbiological parameters under Mediterranean climate. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 635-642	7.5	123
1972	Synergistic influence of an arbuscular mycorrhizal fungus and organic amendment on <i>Pistacia lentiscus</i> L. seedlings afforested in a degraded semiarid soil. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 1139-1145	7.5	145
1971	Phosphatase activity and organic acids in the rhizosphere of potential agroforestry species and maize. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 1487-1494	7.5	111
1970	Soil respiration and microbial properties in an acid forest soil: effects of wood ash. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 1727-1737	7.5	110
1969	Soil quality changes resulting from the application of the fungicides mefenoxam and metalaxyl to a sandy loam soil. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 1939-1948	7.5	98
1968	Aggregate stability changes after organic amendment and mycorrhizal inoculation in the afforestation of a semiarid site with <i>Pinus halepensis</i> . 2002 , 19, 199-208		86
1967	Assessing the effectiveness of mycorrhizal inoculation and soil compost addition for enhancing reafforestation with <i>Olea europaea</i> subsp. <i>sylvestris</i> through changes in soil biological and physical parameters. 2002 , 20, 107-118		90
1966	Efeito da biomassa microbiana e atividade de fosfatase fida após aplicaçã de fosfato em solo no sistema plantio direto. 2002 , 26, 925-930		30
1965	Considerations on the use of the p-nitrophenyl phosphomonoesterase assay in the study of the phosphorus nutrition of soil borne fungi. 2002 , 157, 221-31		16
1964	Influence of various concentrations of selenic acid (IV) on the activity of soil enzymes. 2002 , 291, 105-10		27
1963	Temporal variability of selected soil microbiological and biochemical indicators under different soil quality conditions in south-western Nigeria. 2002 , 35, 155-167		33
1962	Long-term cattle manure application in soil. 2002 , 35, 328-337		135
1961	Effects of the phenylamide fungicides, mefenoxam and metalaxyl, on the microbiological properties of a sandy loam and a sandy clay soil. 2002 , 35, 393-398		51
1960	Interactions between crop residues application and mycorrhizal developments and some soil-root interface properties and mineral acquisition by plants in an acidic soil. 2002 , 36, 151-160		28
1959	Arbuscular mycorrhizal fungi respond to the substrate pH of their extraradical mycelium by altered growth and root colonization. 2002 , 155, 173-182		120
1958	Physiological Performance of Asymptomatic and Yellow Leaf Syndrome-affected Sugarcanes in Venezuela. 2002 , 150, 13-19		24
1957	Land use in relation to soil chemical and biochemical properties in a semiarid Mediterranean environment. 2002 , 68, 23-30		155

1956	A technique for mycelial development of ectomycorrhizal fungi on agar media. 2002 , 98-100, 311-8		6
1955	Effect of fertiliser and humic acid on rhizosphere microorganisms and soil enzymes at an early stage of sugarcane growth. 2003 , 5, 273-277		14
1954	Alteration in rhizosphere soil properties of afforested <i>Rhamnus lycioides</i> seedlings in short-term response to mycorrhizal inoculation with <i>Glomus intraradices</i> and organic amendment. 2003 , 31, 412-20		24
1953	Changes in physical and biological soil quality indicators in a tropical crop system (Havana, Cuba) in response to different agroecological management practices. 2003 , 32, 639-45		17
1952	Impact of a soil feeding termite, <i>Cubitermes niokoloensis</i> , on the symbiotic microflora associated with a fallow leguminous plant <i>Crotalaria ochroleuca</i> . 2003 , 37, 313-318		16
1951	Effect of <i>Eisenia foetida</i> earthworms on mineralization kinetics, microbial biomass, enzyme activities, respiration and labile C fractions of three soils treated with a composted organic residue. 2003 , 38, 45-51		21
1950	Dynamics and availability of phosphorus in the rhizosphere of a temperate silvopastoral system. 2003 , 39, 65-73		23
1949	The influence of two agricultural biostimulants on nitrogen transformations, microbial activity, and plant growth in soil microcosms. <i>Soil Biology and Biochemistry</i> , 2003 , 35, 9-19	7.5	65
1948	Phytase and phosphatase producing fungi in arid and semi-arid soils and their efficiency in hydrolyzing different organic P compounds. <i>Soil Biology and Biochemistry</i> , 2003 , 35, 745-751	7.5	112
1947	Additive effects of copper and zinc on cadmium toxicity on phosphatase activities and ATP content of soil as estimated by the ecological dose (ED50). <i>Soil Biology and Biochemistry</i> , 2003 , 35, 1203-1210	7.5	96
1946	Kinetic behaviour and stability of <i>Escherichia coli</i> ATCC27257 alkaline phosphatase immobilised in soil humates. 2003 , 83, 232-239		9
1945	Toxic effect of cadmium and nickel on soil enzymes and the influence of adding sewage sludge. 2003 , 54, 377-386		94
1944	Nutrient and microbiological characteristics of fine benthic organic matter in sediment settling ponds. 2003 , 48, 1117-1126		10
1943	No-tillage, crop residue additions, and legume cover cropping effects on soil quality characteristics under maize in Patzcuaro watershed (Mexico). 2003 , 72, 65-73		129
1942	SOIL MICROBIAL DYNAMICS AND BIOGEOCHEMISTRY IN TROPICAL FORESTS AND PASTURES, SOUTHWESTERN COSTA RICA. 2003 , 13, 314-326		56
1941	Residual effect of municipal solid waste compost on microbial biomass and activities in mustard growing soil: Restwirkung von mllkompost auf die mikrobielle biomasse und mikrobielle aktiviteten in boden mit senfbewuchs. 2003 , 49, 585-592		6
1940	Recovery of topsoil characteristics after landslip erosion in dry hill country of New Zealand, and a test of the space-for-time hypothesis. <i>Soil Biology and Biochemistry</i> , 2003 , 35, 1575-1586	7.5	85
1939	Assessing changes in physical and biological properties in a soil contaminated by oil sludges under semiarid Mediterranean conditions. 2003 , 117, 53-61		48

1938	Growth and interactions of arbuscular mycorrhizal fungi in soils from limestone and acid rock habitats. <i>Soil Biology and Biochemistry</i> , 2003 , 35, 1557-1564	7.5	27
1937	Re-establishment of <i>Retama sphaerocarpa</i> as a target species for reclamation of soil physical and biological properties in a semi-arid Mediterranean area. 2003 , 182, 49-58		88
1936	Effects of chemical conditions in re-wetted peats on temporal variation in microbial biomass and acid phosphatase activity within the growing season. 2003 , 22, 167-174		50
1935	Occurrence and effect of arbuscular mycorrhizal propagules in wheat as affected by the source and amount of phosphorus fertilizer and fungal inoculation. 2003 , 23, 245-255		50
1934	Effect of MSW Compost on Microbiological and Biochemical Soil Quality Indicators. 2003 , 11, 220-227		28
1933	Biomass and Enzyme Activity of Two Soil Transects at King George Island, Maritime Antarctica. 2003 , 35, 34-47		36
1932	Changes of Soil Microbial Properties in the Course of Pah Dissipation in Soils Artificially Contaminated with These Compounds. 2003 , 23, 1-21		4
1931	Arbuscular mycorrhizal fungi enhance aluminium resistance of broomsedge (<i>Andropogon virginicus</i> L.). 2003 , 54, 1447-59		51
1930	Changes in soil chemical properties and microbial activities in response to the fungicide Ridomil Gold plus copper. 2004 , 1, 26-34		23
1929	Influence of toxic metals on activity of acid and alkaline phosphatase enzymes in metal-contaminated landfill soils. 2004 , 42, 339		15
1928	Soil Microbial Dynamics in Costa Rica: Seasonal and Biogeochemical Constraints ¹ . 2004 , 36, 184		1
1927	Effects of earthworm activity and P-solubilizing bacteria on P availability in soil. 2004 , 167, 209-213		40
1926	Seasonal drought and dry-season irrigation influence leaf-litter nutrients and soil enzymes in a moist, lowland forest in Panama. 2004 , 29, 177-188		65
1925	Soil Microbial Dynamics in Costa Rica: Seasonal and Biogeochemical Constraints. 2004 , 36, 184-195		52
1924	Growth, nitrogen fixation and ammonium assimilation in common bean (<i>Phaseolus vulgaris</i>): effect of phosphorus. 2004 , 121, 498-505		118
1923	Influence of bacterial-feeding nematodes (Cephalobidae) on soil microbial communities during maize growth. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 323-331	7.5	77
1922	Hydrolase activity, microbial biomass and community structure in long-term Cd-contaminated soils. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 443-451	7.5	93
1921	Seasonality of organic phosphorus mineralization in the rhizosphere of the native savanna grass, <i>Trachypogon plumosus</i> . <i>Soil Biology and Biochemistry</i> , 2004 , 36, 1675-1684	7.5	21

1920	Microbial activity in pig slurry-amended soils under semiarid conditions. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 1577-1585	7.5	130
1919	Arbuscular mycorrhiza and enzymatic activities in the rhizosphere of <i>Trachypogon plumosus</i> Ness. in three acid savanna soils. 2004 , 103, 405-411		14
1918	Ecophysiology of ectomycorrhizal fungi associated with <i>Pinus</i> spp. in low rainfall areas of Western Australia. 2004 , 171, 35-52		18
1917	Suitability of soil microbial parameters as indicators of heavy metal pollution. 2004 , 158, 21-35		45
1916	Phosphorus mobilization in agroforestry: Organic anions, phosphatase activity and phosphorus fractions in the rhizosphere. 2004 , 259, 209-219		74
1915	Interactions between <i>Zeldia Punctata</i> (Cephalobidae) and bacteria in the presence or absence of maize plants. 2004 , 262, 33-44		13
1914	Biochemical properties of soils of undisturbed and disturbed mangrove forests of South Andaman (India). 2004 , 12, 309-320		25
1913	Effects of sewage sludge amendment on humic acids and microbiological properties of a semiarid Mediterranean soil. 2004 , 39, 320-328		93
1912	Spatial variability of enzyme activities in a 100-year old long-term field experiment. 2004 , 40, 153		8
1911	Effects of plant species on microbial biomass phosphorus and phosphatase activity in a range of grassland soils. 2004 , 40, 313-322		48
1910	Composted biosolids enhance fertility of a sandy loam soil under dairy pasture. 2004 , 40, 349-358		45
1909	AM fungi inoculation and addition of microbially-treated dry olive cake-enhanced afforestation of a desertified Mediterranean site. 2004 , 15, 153-161		14
1908	Carbon, nitrogen and phosphorus mineralization in two soils amended with distillery yeast. 2004 , 94, 159-67		21
1907	Long-term influence of leguminous cover crops on the biochemical properties of a sandy clay loam Fluventic Sulfaquent in a humid tropical region of India. 2004 , 77, 69-77		42
1906	Microbial biomass carbon and microbial activities of soils receiving chemical fertilizers and organic amendments. 2004 , 50, 641-647		39
1905	Effect of biosolid amendment on enzyme activities in earthworm (<i>Lumbricus terrestris</i>) casts. 2004 , 167, 202-208		32
1904	Establishment of <i>Retama sphaerocarpa</i> L. seedlings on a degraded semiarid soil as influenced by mycorrhizal inoculation and sewage-sludge amendment. 2004 , 167, 637-644		18
1903	Comparing the effectiveness of mycorrhizal inoculation and amendment with sugar beet, rock phosphate and <i>Aspergillus niger</i> to enhance field performance of the leguminous shrub <i>Dorycnium pentaphyllum</i> L.. 2004 , 25, 169-180		48

1902	Enzymatic activity in an airfield soil polluted with polycyclic aromatic hydrocarbons. 2004 , 118, 221-232	140
1901	INCREASED PLANT GROWTH, NUTRIENT UPTAKE, AND SOIL ENZYMATIC ACTIVITIES IN A DESERTIFIED MEDITERRANEAN SOIL AMENDED WITH TREATED RESIDUES AND INOCULATED WITH NATIVE MYCORRHIZAL FUNGI AND A PLANT GROWTH-PROMOTING YEAST. 2004 , 169, 260-270	41
1900	CHANGES IN SOIL PROPERTIES AND EARTHWORM POPULATIONS INDUCED BY LONG-TERM ORGANIC FERTILIZATION OF A SANDY SOIL IN THE VENEZUELAN AMAZONIA. 2004 , 169, 188-194	17
1899	Soil biochemical and microbial indices in wet tropical forests: Effects of deforestation and cultivation. 2004 , 167, 24-32	38
1898	Correlation coefficients between biomarkers and sub-surface microbial activities in terrestrial sediment over the past 10000 years. 2004 , 53, 167-172	3
1897	Degradation of metalaxyl and mefenoxam and effects on the microbiological properties of tropical and temperate soils. 2005 , 2, 272-85	38
1896	Spatial variability of sequentially extracted P fractions in a silty loam. 2005 , 168, 307-315	15
1895	ChernozemâSoil of the Year 2005. 2005 , 168, 725-740	131
1894	Effects of three soil tillage systems on some biological activities in an Ultisol from southern Chile. 2005 , 82, 195-202	105
1893	Hydrolytic enzyme activities of extracted humic substances during the vermicomposting of a lignocellulosic olive waste. 2005 , 96, 785-90	110
1892	Microbial biomass, enzyme activities and microbial community structure in two European long-term field experiments. 2005 , 109, 141-152	238
1891	Microbial activities and arbuscular mycorrhizal fungi colonization in the rhizosphere of the salt marsh plant <i>Inula crithmoides</i> L. along a spatial salinity gradient. 2005 , 25, 350-355	19
1890	The influence of external nitrogen on carbon allocation to <i>Glomus intraradices</i> in monoxenic arbuscular mycorrhiza. 2005 , 168, 677-86	46
1889	Microbial activity and hydrolase synthesis in long-term Cd-contaminated soils. <i>Soil Biology and Biochemistry</i> , 2005 , 37, 133-139	7.5 97
1888	Application of para-nitrophenol (pNP) enzyme assays in degraded tropical soils. <i>Soil Biology and Biochemistry</i> , 2005 , 37, 625-633	7.5 64
1887	Performance of para-nitrophenyl phosphate and 4-methylumbelliferyl phosphate as substrate analogues for phosphomonoesterase in soils with different organic matter content. <i>Soil Biology and Biochemistry</i> , 2005 , 37, 1527-1534	7.5 25
1886	Functional activity and microbial community structure in soils amended with bimetallic sludges. <i>Soil Biology and Biochemistry</i> , 2005 , 37, 1498-1506	7.5 65
1885	Soil microbial populations and activities as influenced by legume green fallow in a semiarid climate. <i>Soil Biology and Biochemistry</i> , 2005 , 37, 1775-1784	7.5 99

1884	Biodegradation study of crop residues as affected by exogenous inorganic nitrogen and fungal inoculants. 2005 , 45, 301-11	23
1883	Establishment of two ectomycorrhizal shrub species in a semiarid site after in situ amendment with sugar beet, rock phosphate, and <i>Aspergillus niger</i> . 2005 , 49, 73-82	44
1882	Soil microbial community response to land use change in an agricultural landscape of western Kenya. 2005 , 49, 50-62	185
1881	Changes in rhizosphere microbial activity mediated by native or allochthonous AM fungi in the reafforestation of a Mediterranean degraded environment. 2005 , 41, 59-68	46
1880	Effect of particle-size distribution, soil organic carbon content and organo-mineral aluminium complexes on acid phosphatases of seasonally flooded forest soils. 2005 , 41, 69-72	9
1879	Effect of humic amendments on inorganic N, dehydrogenase and alkaline phosphatase activities of a Mediterranean soil. 2005 , 42, 172-177	11
1878	Liming and nitrogen fertilization affects phosphatase activities, microbial biomass and mycorrhizal colonisation in upland grassland. 2005 , 271, 157-164	64
1877	Preferential utilization of organic and inorganic sources of phosphorus by wheat plant. 2005 , 275, 285-293	23
1876	Bioremediation of contaminated lake sediments and evaluation of maturity indices as indicators of compost stability. 2005 , 2, 251-62	14
1875	Enzyme Activities in Soil Influenced by Levels of Applied Sulfur and Phosphorus. 2005 , 36, 1727-1735	11
1874	Influence of bulking agents and microbial activator on thermophilic aerobic transformation of sewage sludge. 2005 , 26, 1127-35	11
1873	Organically and Conventionally Managed Soils: Biochemical Characteristics. 2005 , 25, 63-74	13
1872	Application of <i>Aspergillus niger</i> -treated agrowaste residue and <i>Glomus mosseae</i> for improving growth and nutrition of <i>Trifolium repens</i> in a Cd-contaminated soil. 2005 , 116, 369-78	35
1871	Factors affecting triadimefon degradation in soils. 2005 , 53, 70-5	29
1870	Changes in labile P status under different cropping systems in an arid environment. 2005 , 61, 137-145	3
1869	Conifer invasion of forest meadows transforms soil characteristics in the Pacific Northwest. 2005 , 208, 347-358	33
1868	Ability of different plant species to promote microbiological processes in semiarid soil. 2005 , 124, 193-202	135
1867	Plant type mediates rhizospheric microbial activities and soil aggregation in a semiarid Mediterranean salt marsh. 2005 , 124, 375-382	98

1866	Soil enzyme activities suggest advantages of conservation tillage practices in sorghum cultivation under subtropical conditions. 2005 , 129, 178-185	114
1865	Microbial biomass and enzyme activities in submerged rice soil amended with municipal solid waste compost and decomposed cow manure. 2005 , 60, 310-8	60
1864	Interactive effect of <i>Brevibacillus brevis</i> and <i>Glomus mosseae</i> , both isolated from Cd contaminated soil, on plant growth, physiological mycorrhizal fungal characteristics and soil enzymatic activities in Cd polluted soil. 2005 , 134, 257-66	69
1863	Effects of increased deposition of atmospheric nitrogen on an upland <i>Calluna</i> moor: N and P transformations. 2005 , 135, 469-80	39
1862	Bioremediation of oil refinery sludge by landfarming in semiarid conditions: influence on soil microbial activity. 2005 , 98, 185-95	115
1861	Evidence of sub-vent biosphere: enzymatic activities in 308 °C deep-sea hydrothermal systems at Suiyo seamount, Izu Bonin Arc, Western Pacific Ocean. 2005 , 229, 193-203	11
1860	Long-term effect of fertilizer and manure application on soil organic carbon storage, soil quality and yield sustainability under sub-humid and semi-arid tropical India. 2005 , 93, 264-280	221
1859	Use of microbiological indicators for evaluating success in soil restoration after revegetation of a mining area under subtropical conditions. 2005 , 30, 3-10	99
1858	Effects of N-enriched sewage sludge on soil enzyme activities. 2005 , 30, 192-202	120
1857	Microbial biomass, P-nutrition, and enzymatic activities of wheat soil in response to phosphorus enriched organic and inorganic manures. 2006 , 41, 177-87	15
1856	Soil microbial diversity of four German long-term field experiments. 2006 , 52, 507-523	17
1855	Fluorescein Diacetate: A Potential Biological Indicator for Arid Soils. 2006 , 20, 87-99	22
1854	Phosphatase and microbial activity with biochemical indicators in semi-permafrost active layer sediments over the past 10,000 years. 2006 , 21, 48-57	14
1853	Effects of arbuscular mycorrhizal inoculation on the growth of <i>Elsholtzia splendens</i> and <i>Zea mays</i> and the activities of phosphatase and urease in a multi-metal-contaminated soil under unsterilized conditions. 2006 , 31, 110-119	74
1852	Does cropping modify the decomposition function and the diversity of the soil microbial community of tropical fallow soil?. 2006 , 31, 211-219	50
1851	The growth-enhancement of clover by <i>Aspergillus</i> -treated sugar beet waste and <i>Glomus mosseae</i> inoculation in Zn contaminated soil. 2006 , 33, 87-98	42
1850	Mobilization of organic and poorly soluble phosphates by <i>Chaetomium globosum</i> . 2006 , 32, 273-283	42
1849	Formation of stable aggregates in rhizosphere soil of <i>Juniperus oxycedrus</i> : Effect of AM fungi and organic amendments. 2006 , 33, 30-38	34

1848	Assessment of zerovalent iron for stabilization of chromium, copper, and arsenic in soil. 2006 , 144, 62-9	183
1847	Biochemical parameters and bacterial species richness in soils contaminated by sludge-borne metals and remediated with inorganic soil amendments. 2006 , 144, 24-31	65
1846	Soil dehydrogenase, phosphomonoesterase and arginine deaminase activities in an insecticide treated groundnut (<i>Arachis hypogaea</i> L.) field. 2006 , 63, 869-80	26
1845	Soil microbiological and biochemical properties affected by plant growth and different long-term fertilisation. 2006 , 42, 1-12	75
1844	Assessing spatial variability of soil enzyme activities in pasture topsoils using geostatistics. 2006 , 42, 230-237	40
1843	Crushed Cotton Gin Compost Effects on Soil Biological Properties, Nutrient Leaching Losses, and Maize Yield. 2006 , 98, 749-759	9
1842	The effect of land use on soil health indicators in peri-urban agriculture in the humid forest zone of southern cameroon. 2006 , 35, 2402-9	13
1841	Changes in Soil Properties and Enzymatic Activities Following Manure Applications to a Rangeland. 2006 , 59,	
1840	Clonal and seasonal shifts in communities of saprotrophic microfungi and soil enzyme activities in the mycorrhizosphere of <i>Salix</i> spp.. 2006 , 169, 481-487	22
1839	Seasonal changes in microbial function and diversity associated with stubble retention versus burning. 2006 , 44, 407	44
1838	Application of two organic amendments on soil restoration: effects on the soil biological properties. 2006 , 35, 1010-7	131
1837	Effect of Organic and Inorganic Nutrients for Soil Quality Conservation and Yield of Rainfed Low Land Rice in Sub-tropical Plateau Region. 2006 , 192, 331-343	23
1836	The Tripartite Symbiosis Formed by Indigenous Arbuscular Mycorrhizal Fungi, Bradyrhizobium japonicum and Soya Bean Under Field Conditions. 2006 , 192, 373-378	25
1835	Improvements in soil quality and performance of mycorrhizal <i>Cistus albidus</i> L. seedlings resulting from addition of microbially treated sugar beet residue to a degraded semiarid Mediterranean soil. 2006 , 19, 277-283	2
1834	Nutrient acquisition and nitrate reductase activity of mycorrhizal <i>Retama sphaerocarpa</i> L. seedlings afforested in an amended semiarid soil under two water regimes. 2006 , 21, 10-16	1
1833	Contribution of <i>Pseudomonas mendocina</i> and <i>Glomus intraradices</i> to aggregate stabilization and promotion of biological fertility in rhizosphere soil of lettuce plants under field conditions. 2006 , 22, 298-304	118
1832	Effectiveness of autochthonous bacterium and mycorrhizal fungus on <i>Trifolium</i> growth, symbiotic development and soil enzymatic activities in Zn contaminated soil. 2006 , 100, 587-98	50
1831	Rock phosphate enriched compost: an approach to improve low-grade Indian rock phosphate. 2006 , 97, 2243-51	106

1830	A full-scale study of treatment of pig slurry by composting: kinetic changes in chemical and microbial properties. 2006 , 26, 1108-18		101
1829	Effect of Acacia plantations on net photosynthesis, tree species composition, soil enzyme activities, and microclimate on Mt. Makiling. 2006 , 44, 299-308		9
1828	Distribution of Carboxylates and Acid Phosphatase and Depletion of Different Phosphorus Fractions in the Rhizosphere of a Cereal and Three Grain Legumes. 2006 , 281, 109-120		142
1827	Soil Phosphorus Uptake by Continuously Cropped <i>Lupinus albus</i> : A New Microcosm Design. 2006 , 283, 309-321		30
1826	Soil Bioremediation: Combination of Earthworms and Compost for the Ecological Remediation of a Hydrocarbon Polluted Soil. 2006 , 177, 383-397		65
1825	Soil Phosphorus Availability and Transformation Rates in Relictic Pinsapo Fir Forests from Southern Spain. 2006 , 78, 151-172		10
1824	Soil phosphorus dynamics and phytoavailability from sewage sludge at different stages in a treatment stream. 2006 , 42, 186-197		30
1823	Interaction between AM fungi and a liquid organic amendment with respect to enhancement of the performance of the leguminous shrub <i>Retama sphaerocarpa</i> . 2006 , 43, 30-38		7
1822	Early effects of tillage and crop rotation on arbuscular mycorrhizal fungal propagules in an Ultisol. 2006 , 43, 83-92		69
1821	Variation of enzyme activities, CO ₂ evolution and redox potential in an Eutric Histosol irrigated with wastewater and tap water. 2006 , 43, 131-135		30
1820	An indigenous drought-tolerant strain of <i>Glomus intraradices</i> associated with a native bacterium improves water transport and root development in <i>Retama sphaerocarpa</i> . 2006 , 52, 670-8		83
1819	Crushed cotton gin compost on soil biological properties and rice yield. 2006 , 25, 22-29		57
1818	Earthworms change the distribution and availability of phosphorous in organic substrates. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 235-246	7.5	119
1817	Microbial activity and hydrolase activities during decomposition of root exudates released by an artificial root surface in Cd-contaminated soils. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 702-708	7.5	71
1816	Phosphomonoesterase production and persistence and composition of bacterial communities during plant material decomposition in soils with different pH values. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 795-802	7.5	49
1815	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	7.5	347
1814	Implications of iron solubilization on soil phosphorus release in seasonally flooded forests of the lower Orinoco River, Venezuela. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 1494-1499	7.5	32
1813	Changes in soil biological and biochemical characteristics in a long-term field trial on a sub-tropical inceptisol. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 1577-1582	7.5	143

1812	Assessing air-drying and rewetting pre-treatment effect on some soil enzyme activities under Mediterranean conditions. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 2125-2134	7.5	77
1811	Stability of desiccated rhizosphere soil aggregates of mycorrhizal <i>Juniperus oxycedrus</i> grown in a desertified soil amended with a composted organic residue. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 2722-2730 ²⁵	7.5	25
1810	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	7.5	159
1809	Microbiological degradation index of soils in a semiarid climate. <i>Soil Biology and Biochemistry</i> , 2006 , 38, 3463-3473	7.5	229
1808	Changes in Soil Properties and Enzymatic Activities Following Manure Applications to a Rangeland. 2006 , 59, 314-320		11
1807	Total And Immobilized Enzymatic Activity Of Organic Materials Before And After Composting. 2007 , 15, 93-100		6
1806	Response of Mature Phosphorus-Deficient Apple Trees to Phosphorus Fertilization and Liming. 2007 , 30, 1623-1637		3
1805	Accumulation of Heavy Metals in Anaerobic Sludge and its Disposal by Landspreading. 2007 , 20-21, 213-216		
1804	Application of Different Organic Wastes on Soil Properties and Wheat Yield. 2007 , 99, 1597-1606		32
1803	Nutrient limitation in soils exhibiting differing nitrogen availabilities: what lies beyond nitrogen saturation?. 2007 , 88, 119-30		95
1802	Evaluation of different pig slurry composts as fertilizer of horticultural crops: Effects on selected chemical and microbial properties. 2007 , 22, 307-315		11
1801	Influence of nitrogen source on the viability, functionality and persistence of <i>Glomus etunicatum</i> fungal propagules in an Andisol. 2007 , 35, 423-431		18
1800	Interactions between a plant growth-promoting rhizobacterium, an AM fungus and a phosphate-solubilising fungus in the rhizosphere of <i>Lactuca sativa</i> . 2007 , 35, 480-487		115
1799	Microbial and hydrolase activity after release of low molecular weight organic compounds by a model root surface in a clayey and a sandy soil. 2007 , 36, 124-129		60
1798	The evaluation of microbial diversity in a vegetable based cropping system under organic farming practices. 2007 , 36, 116-123		22
1797	The long-term effects of the management of a forest soil on its carbon content, microbial biomass and activity under a semi-arid climate. 2007 , 37, 53-62		72
1796	Effects of coexisting plant species on soil microbes and soil enzymes in metal lead contaminated soils. 2007 , 37, 240-246		70
1795	Effect of hydrocarbon pollution on the microbial properties of a sandy and a clay soil. 2007 , 66, 1863-71		166

1794	Modification of the degradative capacity of a soil artificially contaminated with diesel. 2007 , 67, 1057-63	8
1793	Elimination of racemic and enantioenriched metalaxyl based fungicides under tropical conditions in the field. 2007 , 69, 655-63	26
1792	Factors affecting soil P dynamics in temperate volcanic soils of southern Argentina. 2007 , 139, 229-240	44
1791	Soil properties under natural forest in the Alicante Province of Spain. 2007 , 142, 334-341	42
1790	Effects of Long-Term Application of Inorganic Fertilizers on Biochemical Properties of a Rice-Planting Red Soil. 2007 , 17, 419-428	36
1789	Addition of Urban Waste to Semiarid Degraded Soil: Long-term Effect. 2007 , 17, 557-567	42
1788	Soil micro-arthropod communities and microbial parameters in the potato ridge under two field management systems on sandy loams in Atlantic Canada. 2007 , 87, 399-404	8
1787	Effect of Fertilizer P and Farmyard Manure on Bioavailable P as Influenced by Rhizosphere Microbial Activities in Soybean-Wheat Rotation. 2007 , 29, 149-166	5
1786	Effects of Bracken Fern Invasions on Harvested Site Soils in Pacific Northwest (USA) Coniferous Forests. 2007 , 81, 191-198	8
1785	Reduced and Conservation Tillage Effects on Soil Ecological Properties in an Organic Farming System. 2007 , 24, 363-377	21
1784	Microbiological Properties in Earthworm Cast and Surrounding Soil Amended with Various Organic Wastes. 2007 , 38, 2861-2876	23
1783	Arbuscular Mycorrhizal Fungi Enhance Tolerance of <i>Rosa multiflora</i> cv. Burr to Bicarbonate in Irrigation Water. 2007 , 30, 1517-1540	19
1782	Application of two organic wastes in a soil polluted by lead: effects on the soil enzymatic activities. 2007 , 36, 216-25	20
1781	Effect of inoculation with <i>Penicillium albidum</i> , a phosphate-solubilizing fungus, on the growth of <i>Trifolium pratense</i> cropped in a volcanic soil. 2007 , 47, 275-80	20
1780	Soil sustainability indicators following conservation tillage practices under subtropical maize and bean crops. 2007 , 93, 273-282	64
1779	Effect of long-term application of manure and fertilizer on biological and biochemical activities in soil during crop development stages. 2007 , 98, 3585-92	228
1778	Changes in organic - C, N, P and K and enzyme activities in vermicompost of biodegradable organic wastes under liming and microbial inoculants. 2007 , 98, 2485-94	221
1777	Impact of azadirachtin, an insecticidal allelochemical from neem on soil microflora, enzyme and respiratory activities. 2007 , 98, 3154-8	72

1776	Simulated global changes alter phosphorus demand in annual grassland. 2007 , 13, 2582-2591		129
1775	Rhizodeposition shapes rhizosphere microbial community structure in organic soil. 2007 , 173, 600-610		344
1774	Influence of steam-treated grass clippings on grass growth, drainage water quality and soil microbial properties in a simulated golf course. 2007 , 53, 489-498		2
1773	Chemical and biochemical properties of a clay soil under dryland agriculture system as affected by organic fertilization. 2007 , 26, 327-334		112
1772	Microbial activity in non-agricultural degraded soils exposed to semiarid climate. 2007 , 378, 183-6		11
1771	Evaluation of soil quality using multiple lineal regression based on physical, chemical and biochemical properties. 2007 , 378, 233-7		55
1770	Application of biological indicators to assess recovery of hydrocarbon impacted soils. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 164-177	7.5	115
1769	Attempts to derive EC50 values for heavy metals from land-applied Cu-, Ni-, and Zn-spiked sewage sludge. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 539-549	7.5	53
1768	Phosphate solubilization by a wild type strain and UV-induced mutants of <i>Aspergillus tubingensis</i> . <i>Soil Biology and Biochemistry</i> , 2007 , 39, 695-699	7.5	73
1767	Influence of metalaxyl- and mefenoxam-based fungicides on chemical and biochemical attributes of soil quality under field conditions in a southern humid forest zone of Cameroon. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 836-842	7.5	17
1766	Short-term effects of sewage sludge application on phosphatase activities and available P fractions in Mediterranean soils. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 921-929	7.5	43
1765	Assessing the microbiological, biochemical, soil-physical and hydrological effects of amelioration of degraded soils in semiarid Spain. 2007 , 62, 542-546		8
1764	Soil quality response to long-term nutrient and crop management on a semi-arid Inceptisol. 2007 , 118, 130-142		149
1763	Application of two beet vinasse forms in soil restoration: Effects on soil properties in an arid environment in southern Spain. 2007 , 119, 289-298		42
1762	Combined effects of cadmium and butachlor on soil enzyme activities and microbial community structure. 2007 , 51, 1221-1228		31
1761	Growth, P uptake and rhizosphere properties of wheat and canola genotypes in an alkaline soil with low P availability. 2007 , 44, 143-153		39
1760	Quantitative assessment of hydrolase production and persistence in soil. 2007 , 44, 321-329		32
1759	Sustaining productivity of wheat- <i>soybean</i> cropping system through integrated nutrient management practices on the Vertisols of central India. 2007 , 297, 185-199		48

1758	Effect of cadmium alone and in combination with butachlor on soil enzymes. 2007 , 29, 395-403	11
1757	Alternative soil quality indices for evaluating the effect of intensive cropping, fertilisation and manuring for 31 years in the semi-arid soils of India. 2008 , 136, 419-35	152
1756	Chemical and biological properties of wheat soil in response to paddy straw incorporation and its biodegradation by fungal inoculants. 2007 , 18, 495-503	35
1755	The potential bioavailability of organic C, N, and P through enzyme hydrolysis in soils of the Mojave Desert. 2007 , 82, 305-320	15
1754	Ability of <i>Emericella rugulosa</i> to mobilize unavailable P compounds during Pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.] crop under arid condition. 2007 , 47, 57-63	20
1753	Influence of conservation tillage and glyphosate on soil structure and organic carbon fractions through the cycle of a 3-year potato rotation in Atlantic Canada. 2007 , 93, 206-221	10
1752	Evaluation of thermophilic fungal consortium for paddy straw composting. 2008 , 19, 395-402	28
1751	Phosphorus acquisition characteristics of cotton (<i>Gossypium hirsutum</i> L.), wheat (<i>Triticum aestivum</i> L.) and white lupin (<i>Lupinus albus</i> L.) under P deficient conditions. 2008 , 312, 117-128	53
1750	QTL mapping of phosphorus efficiency and relative biologic characteristics in maize (<i>Zea mays</i> L.) at two sites. 2008 , 313, 251-266	60
1749	Long-term nitrogen deposition increases phosphorus limitation of bryophytes in an ombrotrophic bog. 2008 , 196, 111-121	49
1748	Phosphate solubilization by <i>Penicillium</i> spp. isolated from soil samples of Indian Himalayan region. 2008 , 24, 97-102	72
1747	The effects of heavy metal pollution on enzyme activities and basal soil respiration of roadside soils. 2008 , 145, 127-33	75
1746	Organic amendments affect biochemical properties of a subtemperate soil of the Indian Himalayas. 2008 , 80, 233-242	24
1745	Influence of organic amendments on growth, yield and quality of wheat and on soil properties during transition to organic production. 2008 , 82, 51-60	95
1744	Changes in soil nutrient content and enzymatic activity under conventional and zero-tillage practices in an Indian sandy clay loam soil. 2008 , 82, 273-281	34
1743	Long-term effect of municipal solid waste amendment on microbial abundance and humus-associated enzyme activities under semiarid conditions. 2008 , 55, 651-61	79
1742	<i>Pseudomonas corrugata</i> (NRRL B-30409) Mutants Increased Phosphate Solubilization, Organic Acid Production, and Plant Growth at Lower Temperatures. 2008 , 56, 140-4	99
1741	Effect of carbon and nitrogen sources on phosphate solubilization by a wild-type strain and UV-induced mutants of <i>Aspergillus tubingensis</i> . 2008 , 57, 401-6	48

1740	Effect of methods of irrigation and trash mulching on biophysico-chemical environs of soils in sugarcane agroecosystem. 2008 , 10, 308-313		2
1739	The invasive species <i>Alliaria petiolata</i> (garlic mustard) increases soil nutrient availability in northern hardwood-conifer forests. 2008 , 157, 459-71		86
1738	Defoliation effects on enzyme activities of the ectomycorrhizal fungus <i>Suillus granulatus</i> in a <i>Pinus contorta</i> (lodgepole pine) stand in Yellowstone National Park. 2008 , 158, 77-83		48
1737	Soil microbiochemical properties as indicators for success of heathland restoration after military disturbance. 2008 , 19, 408-420		5
1736	Relative changes in phosphatase activities as influenced by source and application rate of organic composts in field crops. 2008 , 99, 1750-7		49
1735	Effects of different green manures on soil biological properties and maize yield. 2008 , 99, 1758-67		146
1734	Effects of organic and mineral amendments on available P and phosphatase activities in a degraded Mediterranean soil under short-term incubation experiment. 2008 , 98, 164-174		24
1733	Impact of DOM from composted "alperujo" on soil structure, AM fungi, microbial activity and growth of <i>Medicago sativa</i> . 2008 , 28, 1423-31		11
1732	Techniques for the evaluation of maturity for composts of industrially contaminated lake sediments. 2008 , 28, 1773-84		36
1731	Effect of various amendments on heavy mineral oil bioremediation and soil microbial activity. 2008 , 99, 2578-87		80
1730	Application of different organic amendments in a gasoline contaminated soil: effect on soil microbial properties. 2008 , 99, 2872-80		57
1729	Application of a green manure and green manure composted with beet vinasse on soil restoration: effects on soil properties. 2008 , 99, 4949-57		99
1728	Analysis of bacterial communities on alkaline phosphatase genes in soil supplied with organic matter. 2008 , 54, 62-71		128
1727	Effect of different types of organic fertilizers on the chemical properties and enzymatic activities of an Oxisol under intensive cultivation of vegetables for 4 years. 2008 , 54, 587-599		28
1726	Test systems to determine the ecological risks posed by toxin release from <i>Bacillus thuringiensis</i> genes in crop plants. 2008 , 3, 81-89		65
1725	Plant growth and nutrition in pine (<i>Pinus thunbergii</i>) seedlings and dehydrogenase and phosphatase activity of ectomycorrhizal root tips inoculated with seven individual ectomycorrhizal fungal species at high and low nitrogen conditions. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 1235-1243	7.5	36
1724	Validating the effectiveness and sensitivity of two soil quality indices based on natural forest soils under Mediterranean conditions. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 2079-2087	7.5	32
1723	Effects of nitrogen availability on microbial activities, densities and functional diversities involved in the degradation of a Mediterranean evergreen oak litter (<i>Quercus ilex</i> L.). <i>Soil Biology and Biochemistry</i> , 2008 , 40, 1654-1661	7.5	25

1722	Determining soil enzyme location and related kinetics using rapid fumigation and high-yield extraction. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 2178-2181	7.5	15
1721	Flavonoids of white lupin roots participate in phosphorus mobilization from soil. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 1971-1974	7.5	89
1720	Hydrolytic enzyme activities in agricultural and forest soils. Some implications for their use as indicators of soil quality. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 2146-2155	7.5	227
1719	Enzymatic activities and microbial communities in an Antarctic dry valley soil: Responses to C and N supplementation. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 2130-2136	7.5	63
1718	Near infrared spectroscopy for determination of various physical, chemical and biochemical properties in Mediterranean soils. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 1923-1930	7.5	195
1717	Plant-growth-promoting rhizobacteria and arbuscular mycorrhizal fungi modify alleviation biochemical mechanisms in water-stressed plants. 2008 , 35, 141-151		250
1716	Characteristics of microbial habitats in a tropical soil subject to different fallow management. 2008 , 38, 51-61		8
1715	Influence of orientation, vegetation and season on soil microbial and biochemical characteristics under semiarid conditions. 2008 , 38, 62-70		47
1714	Biochemical properties of soils under crop rotation. 2008 , 39, 133-143		41
1713	Effects of living mulches or residue amendments on soil microbial properties in direct seeded cropping systems of Madagascar. 2008 , 39, 236-243		37
1712	Exploring soil microbial communities and soil organic matter: Variability and interactions in arable soils under minimum tillage practice. 2008 , 40, 67-77		56
1711	Application of fresh and composted organic wastes modifies structure, size and activity of soil microbial community under semiarid climate. 2008 , 40, 318-329		231
1710	Arbuscular mycorrhizal fungi enhance tolerance of vinca to high alkalinity in irrigation water. 2008 , 115, 275-284		35
1709	Biofertilizers improve plant growth, fruit yield, nutrition, metabolism and rhizosphere enzyme activities of Pomegranate (<i>Punica granatum</i> L.) in Indian Thar Desert. 2008 , 117, 130-135		118
1708	Long-term effects of aided phytostabilisation of trace elements on microbial biomass and activity, enzyme activities, and composition of microbial community in the Jales contaminated mine spoils. 2008 , 152, 702-12		63
1707	Evaluation of various tests for the diagnosis of soil contamination by 2,4,5-trichlorophenol (2,4,5-TCP). 2008 , 156, 611-7		20
1706	Arsenic fractions and enzyme activities in arsenic-contaminated soils by groundwater irrigation in West Bengal. 2008 , 71, 149-56		70
1705	Soil amendments with organic wastes reduce the toxicity of nickel to soil enzyme activities. 2008 , 44, 129-140		49

1704	Changes in biological activity of a degraded Mediterranean soil after using microbially-treated dry olive cake as a biosolid amendment and arbuscular mycorrhizal fungi. 2008 , 44, 347-354	18
1703	Soil enzymatic activity as affected by long term application of farm yard manure and mineral fertilizer under a rainfed soybean-wheat system in N-W Himalaya. 2008 , 44, 309-315	158
1702	Soil enzymatic activities and available P and Zn as affected by tillage practices, canola (<i>Brassica napus</i> L.) cultivars and planting dates. 2008 , 44, 443-450	29
1701	Long-term effect on soil biochemical status of a Vertisol under conservation tillage system in semi-arid Mediterranean conditions. 2008 , 44, 437-442	32
1700	Influence of continuous application of inorganic nutrients to a Maize-wheat rotation on soil enzyme activity and grain quality in a rainfed Indian soil. 2008 , 44, 521-531	35
1699	Fractionation and bioavailability of metals and their impacts on microbial properties in sewage irrigated soil. 2008 , 72, 543-50	58
1698	Changes in Phosphorus Fractions, pH, and Phosphatase Activity in Rhizosphere of Two Rice Genotypes. 2008 , 18, 785-794	31
1697	Degradation kinetics of forchlorfenuron in typical grapevine soils of India and its influence on specific soil enzyme activities. 2008 , 43, 341-9	4
1696	Effect of organic manures and integrated nutrient management on yield potential of bell pepper (<i>Capsicum annuum</i>) varieties and on soil properties. 2008 , 54, 127-137	11
1695	Impact of Environmental Stress-Tolerant Transgenic Potato on Genotypic Diversity of Microbial Communities and Soil Enzyme Activities under Stress Conditions. 2008 , 23, 221-8	5
1694	Effect of Implementing Organic Farming on Chemical and Biochemical Properties of an Irrigated Loam Soil. 2008 , 100, 136	13
1693	Long-Term Study of Properties of a Xerofluent of the Guadalquivir River Valley under Organic Fertilization. 2008 , 100, 611-618	6
1692	Effect of Implementing Organic Farming on Chemical and Biochemical Properties of an Irrigated Loam Soil. 2008 , 100, 136-144	16
1691	Biological activity of anthropogenic soils after spoil-bank forest reclamation. 2008 , 53, 299-307	3
1690	Acid phosphomonoesterase activity in floodplain forest soils. 2008 , 2, 67-75	2
1689	EFFECTO DE CULTIVOS HOSPEDEROS Y NO HOSPEDEROS SOBRE PROPÓULOS MICORRÍICOS ARBUSCULARES. 2008 , 8,	1
1688	Niveles de glomalina y su relación con características químicas y biológicas del suelo (andisol) en un relicto de bosque nativo del sur de Chile. 2008 , 29,	3
1687	Fósforo da biomassa microbiana e atividade de fosfatases fidas durante a diminuição do fósforo disponível no solo. 2008 , 43, 1085-1091	22

1686	Activities of Nitrogen-Mineralization Enzymes Associated with Soil Aggregate Size Fractions of Three Tillage Systems. 2009 , 73, 751-759		56
1685	Effect of Arbuscula Myrrhizal Fungi on an Ecological Crop of Chili Peppers (<i>Capsicum annum</i> L.). 2009 , 69,		14
1684	Colonizaç� micorr�ica e atividade de fosfatases �idas na rizosfera de cultivares de cana-de-aç�ar ap�s aplicaç� de herbicidas. 2009 , 27, 977-985		2
1683	Proceedings of the VIII. Alps-Adria Scientific Workshop, 27 April� May 2009, Neum, Bosnia-Herzegovina � SOIL CULTIVATION AND PEDOLOGY. 2009 , 37, 366-454		
1682	Long-term influence of organic and inorganic fertilizers on nutrient build-up and their relationship with microbial properties under a rice-wheat cropping sequence in an acid alfisol. 2009 , 57, 297-306		2
1681	Microbial alterations of the soil influenced by induced compaction. 2009 , 33, 1207-1213		29
1680	Agricultural Systems Located in the Forest-Savanna Ecotone of the Venezuelan Amazonian. Are Organic Agroforestry Farms Sustainable?. 2009 , 1, 215-233		
1679	Yield potential of garden pea (<i>Pisum sativum</i> L.) varieties, and soil properties under organic and integrated nutrient management systems. 2009 , 55, 157-167		7
1678	Environmental Impact of Soil Pollution with Toxic Elements from the Lead And Zinc Mine at Gy�gy�boroszi (Hungary). 2009 , 40, 294-302		6
1677	Phosphorus Adsorption and Bioavailability in a Paddy Soil Amended with Pig Manure Compost and Decaying Rice Straw. 2009 , 40, 2185-2199		12
1676	Atmospheric Deposition and Heavy Metal Contamination in an Organic Farming System in a Seasonally Dry Tropical Region of India. 2009 , 33, 361-378		13
1675	Effect of Alkalized Phosphogypsum on Soil Chemical and Biological Properties. 2009 , 40, 2072-2086		12
1674	Increased diversity of arbuscular mycorrhizal fungi in a long-term field experiment via application of organic amendments to a semiarid degraded soil. 2009 , 75, 4254-63		51
1673	Evaluation of soil biological activity after a diesel fuel spill. 2009 , 407, 4056-61		39
1672	Phosphate solubilizing microorganisms isolated from rhizosphere of maize cultivated in an oxisol of the Brazilian Cerrado Biome. <i>Soil Biology and Biochemistry</i> , 2009 , 41, 1782-1787	7.5	219
1671	Enzyme activities in apple orchard agroecosystems: How are they affected by management strategy and soil properties. <i>Soil Biology and Biochemistry</i> , 2009 , 41, 61-68	7.5	49
1670	Interactions between the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> and the plant growth promoting rhizobacteria <i>Paenibacillus polymyxa</i> and <i>P. macerans</i> in the mycorrhizosphere of <i>Cucumis sativus</i> . <i>Soil Biology and Biochemistry</i> , 2009 , 41, 286-292	7.5	37
1669	Influence of <i>Glomus etunicatum</i> / <i>Zea mays</i> mycorrhiza on atrazine degradation, soil phosphatase and dehydrogenase activities, and soil microbial community structure. <i>Soil Biology and Biochemistry</i> , 2009 , 41, 726-734	7.5	72

1668	Determination of arylsulphatase and phosphatase enzyme activities in soil using screen-printed electrodes modified with multi-walled carbon nanotubes. <i>Soil Biology and Biochemistry</i> , 2009 , 41, 2444-2452	16
1667	Induction of antioxidant enzymes is involved in the greater effectiveness of a PGPR versus AM fungi with respect to increasing the tolerance of lettuce to severe salt stress. 2009 , 65, 245-252	273
1666	Influence of oxytetracycline on the structure and activity of microbial community in wheat rhizosphere soil. 2009 , 21, 954-9	59
1665	Effect of bioaugmentation and nitrogen supplementation on composting of paddy straw. 2009 , 20, 293-306	37
1664	Genotypic differences in phosphorus acquisition and the rhizosphere properties of Brassica napus in response to low phosphorus stress. 2009 , 320, 91-102	47
1663	Accumulation of heavy metals in dietary vegetables and cultivated soil horizon in organic farming system in relation to atmospheric deposition in a seasonally dry tropical region of India. 2009 , 148, 61-74	101
1662	Assessment of biological and biochemical indicators in soil under transgenic Bt and non-Bt cotton crop in a sub-tropical environment. 2009 , 156, 595-604	35
1661	Isolation of phosphate-solubilizing fungi from phosphate mines and their effect on wheat seedling growth. 2009 , 159, 330-42	45
1660	Eco-restoration of a high-sulphur coal mine overburden dumping site in northeast India: A case study. 2009 , 118, 597-608	43
1659	Restoring biochemical activity and bacterial diversity in a trichloroethylene-contaminated soil: the reclamation effect of vermicomposted olive wastes. 2009 , 16, 253-64	19
1658	Chemical, physical, and biochemical soil properties and plant roots as affected by native and exotic plants in Neotropical arid zones. 2009 , 45, 321-328	30
1657	Comparison of soil properties between continuously cultivated and adjacent uncultivated soils in rice-based systems. 2009 , 45, 499-509	9
1656	Soil chemical and biochemical properties of a salt-marsh alluvial Spanish area after long-term reclamation. 2009 , 45, 691-700	39
1655	Changes in soil quality indicators under long-term sewage irrigation in a sub-tropical environment. 2009 , 56, 1237-1243	53
1654	The invasive alien plant species <i>Solidago gigantea</i> alters ecosystem properties across habitats with differing fertility. 2009 , 20, 1072-1085	43
1653	Microcalorimetric assessment of microbial activity in long-term fertilization experimental soils of Southern China. 2009 , 70, 30-9	19
1652	Effect of microbial inoculation during vermicomposting of different organic substrates on microbial status and quantification and documentation of acid phosphatase. 2009 , 29, 574-8	28
1651	Microbial processes at the land-water interface, and cross-domain causal relationships, as influenced by atmospheric deposition of pollutants in three freshwater lakes in India. 2009 , 14, 71-84	13

1650	Abundance of Zetaproteobacteria within crustal fluids in back-arc hydrothermal fields of the Southern Mariana Trough. 2009 , 11, 3210-22	69
1649	Carbon, nitrogen, phosphorus and enzymatic activity under different land uses in a tropical, dry ecosystem. 2009 , 25, 419-426	21
1648	Assessing the impact of composting and vermicomposting on bacterial community size and structure, and microbial functional diversity of an olive-mill waste. 2009 , 100, 1319-26	179
1647	Relationships between biological and chemical parameters on the composting of a municipal solid waste. 2009 , 100, 4062-5	25
1646	Soil restoration using composted plant residues: Effects on soil properties. 2009 , 102, 109-117	157
1645	Metal availability in heavy metal-contaminated open burning and open detonation soil: assessment using soil enzymes, earthworms, and chemical extractions. 2009 , 170, 382-8	49
1644	Use of <i>Jatropha curcas</i> hull biomass for bioactive compost production. 2009 , 33, 159-162	32
1643	Micellar electrokinetic chromatography after precapillary enzyme assay for the determination of phosphatase activity in semiarid soil. 2009 , 46, 121-125	3
1642	Rainfed olive farming in south-eastern Spain: Long-term effect of soil management on biological indicators of soil quality. 2009 , 131, 333-339	82
1641	Enzyme activities and heavy metals concentration in soil amended with sewage sludge. 2009 , 44, 1019-24	28
1640	Microbial biomass, respiration and enzyme activities after in situ aided phytostabilization of a Pb- and Cu-contaminated soil. 2009 , 72, 115-119	54
1639	Mycorrhizal community structure, microbial biomass P and phosphatase activities under <i>Salix polaris</i> as influenced by nutrient availability. 2009 , 45, 168-175	30
1638	Soil organic carbon buffers heavy metal contamination on semiarid soils: Effects of different metal threshold levels on soil microbial activity. 2009 , 45, 220-228	48
1637	Effects of a vermicompost composted with beet vinasse on soil properties, soil losses and soil restoration. 2009 , 77, 238-247	51
1636	Evolution of soil biological properties after addition of glyphosate, diflufenican and glyphosate+diflufenican herbicides. 2009 , 76, 365-73	74
1635	In situ stabilization of cadmium-, lead-, and zinc-contaminated soil using various amendments. 2009 , 77, 1069-75	241
1634	The effects of topography on forest soil characteristics in the Oregon Cascade Mountains (USA): Implications for the effects of climate change on soil properties. 2009 , 257, 1-7	150
1633	Effects of fertilisation on phosphorus pools in the volcanic soil of a managed tropical forest. 2009 , 258, 2199-2206	25

1632	Development of soil physical structure and biological functionality in mining spoils affected by soil erosion in a Mediterranean-Continental environment. 2009 , 149, 249-256	62
1631	Application of different organic wastes in a soil polluted by cadmium: Effects on soil biological properties. 2009 , 153, 254-268	30
1630	Bell pepper yield and soil properties during conversion from conventional to organic production in Indian Himalayas. 2009 , 122, 339-345	26
1629	Spatial variations of chemical composition, microbial functional diversity, and enzyme activities in a Mediterranean litter (<i>Quercus ilex</i> L.) profile. 2009 , 52, 387-399	34
1628	Indices based on surface indicators predict soil functioning in Mediterranean semi-arid steppes. 2009 , 41, 342-350	46
1627	Composition, biomass and activity of microflora, and leaf yields and foliar elemental concentrations of lettuce, after in situ stabilization of an arsenic-contaminated soil. 2009 , 41, 351-359	59
1626	Effect of drought on the stability of rhizosphere soil aggregates of <i>Lactuca sativa</i> grown in a degraded soil inoculated with PGPR and AM fungi. 2009 , 42, 160-165	51
1625	Short-term and long-term effects of human trampling on above-ground vegetation, soil density, soil organic matter and soil microbial processes in suburban beech forests. 2009 , 42, 303-314	70
1624	Changes in soil microbial community structure following the abandonment of agricultural terraces in mountainous areas of Eastern Spain. 2009 , 42, 315-323	96
1623	Comparison of Soil Physical, Chemical, and Biochemical Properties Among Native Forest, Maintained and Abandoned Almond Orchards in Mountainous Areas of Eastern Spain. 2009 , 23, 267-282	16
1622	Alkaline phosphatase-polyresorcinol complex: characterization and application to seed coating. 2009 , 57, 1967-74	10
1621	Storage Effects on Biochemical Properties of Air-Dried Soil Samples from Southeastern Spain. 2009 , 23, 213-222	42
1620	Combined Effects of Cadmium and Butachlor on Microbial Activities and Community DNA in a Paddy Soil. 2009 , 19, 623-630	8
1619	Impact of organic-manure combinations on the productivity and soil quality in different cropping systems in central India. 2009 , 172, 577-585	30
1618	Organic manuring for soil biological health and productivity of a wheat - soybean cropping system in the Vertisols of central India. 2009 , 60, 382	6
1617	Application of Two Vermicomposts on a Rice Crop: Effects on Soil Biological Properties and Rice Quality and Yield. 2009 , 101, 336-344	29
1616	Soil changes following long-term cultivation of pulses. 2009 , 147, 699-706	28
1615	Soil biochemical response after 23 years of direct drilling under a dryland agriculture system in southwest Spain. 2009 , 147, 9-15	10

1614	Distribution of phosphorus in an above-to-below-ground profile in a Bornean tropical rain forest. 2010 , 26, 627-636	21
1613	Vertical distribution of soil properties under short-rotation forestry in Northern Germany. 2010 , 173, 737-746	37
1612	Soil Properties in Old-Growth Douglas-Fir Forest Gaps in the Western Cascade Mountains of Oregon. 2010 , 84, 33-45	15
1611	USE OF SLUDGE FROM KRAFT MILL WASTEWATER TREATMENT AS IMPROVER OF VOLCANIC SOILS: EFFECT ON SOIL BIOLOGICAL PARAMETERS. 2010 , 10,	3
1610	Long-lasting impact of biowaste-compost application in agriculture on soil-quality parameters in three different crop-rotation systems. 2010 , 173, 391-398	9
1609	Vermicomposting influences phosphorus microbiology leading to phosphorus enrichment in end product. 2010 , 10, 310	1
1608	Anhang. 2010 , 231-255	
1607	Influence of endosulfan on microbial biomass and soil enzymatic activities of a tropical alfisol. 2010 , 84, 351-6	17
1606	Changes in soil physico-chemical properties and microbial functional diversity due to 14 years of conversion of grassland to organic agriculture in semi-arid agroecosystem. 2010 , 109, 55-60	52
1605	Temperature-dependent phosphate solubilization by cold- and pH-tolerant species of <i>Aspergillus</i> isolated from Himalayan soil. 2010 , 51, 263-271	43
1604	Phosphatase Activity Along Soil C and P Gradients in a Reed-Dominated Wetland of North China. 2010 , 30, 649-655	8
1603	Linuron effects on microbiological characteristics of sandy soils as determined in a pot study. 2010 , 60, 439-449	22
1602	Identification of most susceptible soil parameters for Latosol under simulated acid rain stress using principal component analysis. 2010 , 10, 1211-1218	4
1601	Analysis of the contribution of acid phosphatase to P efficiency in <i>Brassica napus</i> under low phosphorus conditions. 2010 , 53, 709-17	14
1600	Determination of the beta-glucosidase activity in different soils by pre capillary enzyme assay using capillary electrophoresis with laser-induced fluorescence detection. 2010 , 20, 517-23	6
1599	Phosphorus Fractions Transformation in Sediments Before and After Cyanobacterial Bloom: Implications for Reduction of Eutrophication Symptoms in Dam Reservoir. 2010 , 211, 287-298	16
1598	Microbial characteristics of sandy soils exposed to diazinon under laboratory conditions. 2010 , 26, 409-418	23
1597	Mineralisation of carbon and plant uptake of phosphorus from microbially-derived organic matter in response to 19 years simulated nitrogen deposition. 2010 , 326, 311-319	18

1596	Effect of co-inoculation of methylotrophic <i>Methylobacterium oryzae</i> with <i>Azospirillum brasilense</i> and <i>Burkholderia pyrrocinia</i> on the growth and nutrient uptake of tomato, red pepper and rice. 2010 , 328, 71-82		63
1595	Evaluation of synergistic effects of bacterial and cyanobacterial strains as biofertilizers for wheat. 2010 , 331, 217-230		109
1594	Microbial activities and trace element contents in an urban soil. 2010 , 165, 193-203		78
1593	Quantification of hydrolytic and proteolytic enzymes in the excreta of three epigeic earthworms and detection of thiocarbamic acid by GC-MS-MS. 2010 , 30, 212-215		6
1592	Effects of plant species coexistence on soil enzyme activities and soil microbial community structure under Cd and Pb combined pollution. 2010 , 22, 1040-8		60
1591	Drying-wetting cycles and γ -irradiation effects on enzyme activities of distinct layers from a <i>Quercus ilex</i> L. litter. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 283-290	7.5	20
1590	Spatial distribution of phosphatase activity associated with ectomycorrhizal plants is related to soil type. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 324-330	7.5	38
1589	Phosphorus fertilisation management modifies the biodiversity of AM fungi in a tropical savanna forage system. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 1114-1122	7.5	71
1588	Tree species-mediated spatial patchiness of the composition of microbial community and physicochemical properties in the topsoils of a tropical montane forest. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 1588-1595	7.5	75
1587	Enzyme activities in vineyard soils long-term treated with copper-based fungicides. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 2119-2127	7.5	89
1586	Influence of leaf litter types on microbial functions and nutrient status of soil: Ecological suitability of forest trees for afforestation in tropical laterite wastelands. <i>Soil Biology and Biochemistry</i> , 2010 , 42, 2306-2315	7.5	25
1585	Cotton, wheat and white lupin differ in phosphorus acquisition from sparingly soluble sources. 2010 , 69, 267-272		18
1584	Application of MCPA herbicide on soils amended with biostimulants: short-time effects on soil biological properties. 2010 , 80, 1088-94		31
1583	Sedimentary Enzyme Kinetics of Land/Water Ecotones with Reed Domination. 2010 , 38, 194-201		4
1582	Responses of indigenous microorganisms to a fungicidal mixture of mancozeb and dimethomorph added to sandy soils. 2010 , 64, 316-323		50
1581	Soil microbial biomass and activity under different agricultural management systems in a semiarid Mediterranean agroecosystem. 2010 , 109, 110-115		168
1580	Microbial population dynamics and enzyme activities in composting processes with different starting materials. 2010 , 30, 771-8		136
1579	Changes in enzymatic activities and microbial properties in vermicompost of water hyacinth as affected by pre-composting and fungal inoculation: a comparative study of ergosterol and chitin for estimating fungal biomass. 2010 , 30, 1472-6		10

1578	Continuous-feeding vermicomposting as a recycling management method to revalue tomato-fruit wastes from greenhouse crops. 2010 , 30, 2461-8	60
1577	Exploration of composted cereal waste and poultry manure for soil restoration. 2010 , 101, 2996-3003	22
1576	Short-term incorporation of organic manures and biofertilizers influences biochemical and microbial characteristics of soils under an annual crop [Turmeric (<i>Curcuma longa</i> L.)]. 2010 , 101, 4697-702	78
1575	Changes in nutrient content, enzymatic activities and microbial properties of lateritic soil due to application of different vermicomposts: a comparative study of ergosterol and chitin to determine fungal biomass in soil. 2010 , 26, 508-515	20
1574	Linkages of plant traits to soil properties and the functioning of temperate grassland. 2010 , 98, 1074-1083	243
1573	Soil nutrient heterogeneity modulates ecosystem responses to changes in the identity and richness of plant functional groups. 2011 , 99, 551-562	51
1572	Influence of Cellulolytic Bacterial Augmentation on Organic Carbon and Available Phosphorus in Sandy Loam Soil under Cultivation. 2010 , 2,	1
1571	Short term changes of microbial processes in Icelandic soils to increasing temperatures. 2010 , 7, 671-682	15
1570	Biogeography and biodiversity in sulfide structures of active and inactive vents at deep-sea hydrothermal fields of the Southern Mariana Trough. 2010 , 76, 2968-79	65
1569	Utilization of Vermicomposts in Soil Restoration: Effects on Soil Biological Properties. 2010 , 74, 525-532	24
1568	The effects of high metal concentrations in soil-compost mixtures on soil enzymes. 2010 , 45, 633-8	4
1567	Expression of Soil Chemical and Biological Behavior on Nutritional Quality of Aromatic Rice as Influenced by Organic and Mineral Fertilization. 2010 , 41, 1816-1831	5
1566	Variation in pH optima of hydrolytic enzyme activities in tropical rain forest soils. 2010 , 76, 6485-93	160
1565	Effect of heavy metal contaminated sewage sludge on soil microbiological properties and growth of Indian mustard. 2010 , 56, 563-574	4
1564	Grain Yield, Yield Components, Soil Fertility, and Biological Activity under Organic and Conventional Rice Production Systems. 2010 , 41, 2279-2292	10
1563	Phosphorus nutrition of mycorrhizal trees. 2010 , 30, 1129-39	188
1562	Enzymatic Activities in Soils Contaminated with Diesel Oil. 2010 ,	
1561	Differences in amplification efficiency of standard curves in quantitative real-time PCR assays and consequences for gene quantification in environmental samples. 2010 , 82, 338-41	42

1560	Physico-chemical, biochemical and microbial properties of the rhizospheric soils of tree species used as supports for black pepper cultivation in the humid tropics. 2010 , 158, 252-258	21
1559	Impacts of simulated acid rain on soil enzyme activities in a latosol. 2010 , 73, 1914-8	32
1558	Effect of management and climate on biochemical properties of grassland soils from Galicia (NW Spain). 2010 , 46, 136-143	27
1557	Responses of soil chemical and microbial indicators to conservational tillage versus traditional tillage in the North China Plain. 2010 , 46, 243-247	23
1556	Influence of forest cover and herbaceous vegetation on the microbiological and biochemical properties of soil under Mediterranean humid climate. 2010 , 46, 273-279	20
1555	Tree species effects on soil enzyme activities through effects on soil physicochemical and microbial properties in a tropical montane forest on Mt. Kinabalu, Borneo. 2010 , 53, 227-233	66
1554	Soil microbial communities and activities under intensive organic and conventional vegetable farming in West Java, Indonesia. 2010 , 45, 112-120	178
1553	A high-throughput microplate assay for simultaneous colorimetric quantification of multiple enzyme activities in soil. 2010 , 45, 315-318	25
1552	Evaluation of actinomycete strains for key traits related with plant growth promotion and mycorrhiza helping activities. 2010 , 45, 209-217	161
1551	Penicillium purpurogenum, Unique P Mobilizers in Arid Agro-Ecosystems. 2011 , 25, 87-99	15
1550	Composting Wet Olive Husks with a Starter Based on Oil-Depleted Husks Enhances Compost Humification. 2011 , 19, 182-188	7
1549	Aspergillus tubingensis Improves the Growth and Native Mycorrhizal Colonization of Bermudagrass in Bauxite Residue. 2011 , 15, 157-164	12
1548	Physiological responses of mangrove Sonneratia apetala Buch-Ham plant to wastewater nutrients and heavy metals. 2011 , 13, 456-64	14
1547	Organic amendment based on vermicompost and compost: differences on soil properties and maize yield. 2011 , 29, 1185-96	28
1546	Effects of Green Compost on Soil Biochemical Characteristics and Nutritive Quality of Leafy Vegetables. 2011 , 19, 114-122	9
1545	Reclamation of Contaminated Mine Ponds Using Marble Wastes, Organic Amendments, and Phytoremediation. 2011 , 111-128	
1544	Role of Phosphatase Enzymes in Soil. 2011 , 215-243	276
1543	Phosphorus in Action. 2011 ,	43

1542	Endospore-forming Soil Bacteria. 2011,	13
1541	Impact of Salinity on Soil Biological Activities: A Laboratory Experiment. 2011, 42, 358-367	40
1540	Microbial and hydrolase activity after release of indoleacetic acid and ethyleneâpolyamine precursors by a model root surface. 2011, 47, 106-110	12
1539	Soil microbial communities and activities in sand dunes of subtropical coastal forests. 2011, 49, 256-262	20
1538	Effect of five forage legume covers on soil quality at the Eastern plains of Venezuela. 2011, 49, 242-249	26
1537	Synergistic effect of <i>Glomus mosseae</i> and nitrogen fixing <i>Bacillus subtilis</i> strain Daz26 on artemisinin content in <i>Artemisia annua</i> L.. 2011, 49, 125-130	87
1536	Use of biostimulants on soil restoration: Effects on soil biochemical properties and microbial community. 2011, 49, 11-17	37
1535	Resistance and resilience of the soil microbial biomass to severe drought in semiarid soils: The importance of organic amendments. 2011, 50, 27-27	64
1534	Application of biostimulants in benzo(a)pyrene polluted soils: Short-time effects on soil biochemical properties. 2011, 50, 21-26	20
1533	Application of organic wastes on a benzo(a)pyrene polluted soil. Response of soil biochemical properties and role of <i>Eisenia fetida</i> . 2011, 74, 668-74	41
1532	Dose-related effect of fly ash on edaphic properties in laterite cropland soil. 2011, 74, 769-75	18
1531	Effects of Prochloraz fungicide on soil enzymatic activities and bacterial communities. 2011, 74, 1708-14	24
1530	Use of organic amendments as a bioremediation strategy to reduce the bioavailability of chlorpyrifos insecticide in soils. Effects on soil biology. 2011, 74, 2075-81	55
1529	Effects of Cd or/and Pb on soil enzyme activities and microbial community structure. 2011, 37, 1889-1894	143
1528	Functioning and toxicity of artificial soil mixtures with metal-bearing sewage sludge. 2011, 37, 1977-1982	3
1527	Microbial eco-physiological profiles to estimate the biological restoration of a trichloroethylene-contaminated soil. 2011, 11, 1563-1571	16
1526	Effect of inoculation with phosphate solubilizing fungus on growth and nutrient uptake of wheat and maize plants fertilized with rock phosphate in alkaline soils. 2011, 47, 30-34	104
1525	Indicators of pesticide contamination: Soil enzyme compared to functional diversity of bacterial communities via Biologâ Ecoplates. 2011, 47, 256-263	85

1524	Short-Term Effect of Fire Severity in Chemical and Biochemical Soil Properties in a Sandy Soil. 2011 , 133-146	1
1523	Biological functioning of PAH-polluted and thermal desorption-treated soils assessed by fauna and microbial bioindicators. 2011 , 162, 896-907	34
1522	Randomization tests for quantifying species importance to ecosystem function. 2011 , 2, 634-642	38
1521	Influence of prevailing disturbances on soil biology and biochemistry of montane habitats at Nanda Devi Biosphere Reserve (NDBR), India during wet and dry seasons. 2011 , 162, 296-302	1
1520	Effect of Bt Cotton on Enzymes Activity and Microorganisms in Rhizosphere. 2011 , 3,	6
1519	Effects of precipitation on soil acid phosphatase activity in three successional forests in southern China. 2011 , 8, 1901-1910	36
1518	Cadmium-induced changes in soil biochemical characteristics of oat (<i>Avena sativa</i> L.) rhizosphere during early growth stages. 2011 , 49, 642	7
1517	Effect of heating oil on the activity of soil enzymes and the yield of yellow lupine. 2011 , 52, 220-226	7
1516	The effect of inoculation of pea plants with mycorrhizal fungi and <i>Rhizobium</i> on nitrogen and phosphorus assimilation. 2011 , 52, 435-440	30
1515	Effect of nickel contamination on soil enzymatic activities. 2011 , 51, 523-531	9
1514	Effects of heavy metal concentrations on biological activity of soil micro-organisms. 2011 , 49, 321-326	87
1513	The influence of diesel oil contamination on soil enzymes activity. 2011 , 48, 58-62	5
1512	. 2011 ,	53
1511	Response of <i>Solanum melongena</i> L. to Inoculation with Arbuscular Mycorrhizal Fungi under Low and High Phosphate Condition. 2011 , 3, 70-74	4
1510	Microbial activity, arbuscular mycorrhizal fungi and inoculation of woody plants in lead contaminated soil. 2011 , 42, 859-67	13
1509	Canola traits and some soil biological parameters in response to fertilization and tillage management. 2011 , 10, 14067-14072	3
1508	Inoculations with arbuscular mycorrhizal fungi increase vegetable yields and decrease phoxim concentrations in carrot and green onion and their soils. 2011 , 6, e16949	35
1507	Nutrient Availability to Corn From Dairy Manures and Fertilizer in a Calcareous Soil. 2011 , 176, 426-434	17

1506	Phosphorus and Nitrogen Fertilization Effect on Phosphorus Uptake and Phosphatase Activity in Ryegrass and Tall Fescue Grown in a Chilean Andisol. 2011 , 176, 245-251	16
1505	The influence of atmospheric deposition of pollutants on cross-domain causal relationships for three tropical freshwater lakes in India. 2011 , 16, 113-121	10
1504	Functional profiles reveal unique ecological roles of various biological soil crust organisms. 2011 , 25, 787-795	88
1503	Invasive forbs differ functionally from native graminoids, but are similar to native forbs. 2011 , 189, 818-828	63
1502	Relationships between biological soil crusts, bacterial diversity and abundance, and ecosystem functioning: Insights from a semi-arid Mediterranean environment. 2011 , 22, 165-174	80
1501	Shrub encroachment does not reduce the activity of some soil enzymes in Mediterranean semiarid grasslands. <i>Soil Biology and Biochemistry</i> , 2011 , 43, 1746-1749	7.5 13
1500	Comparative effects of native filamentous and arbuscular mycorrhizal fungi in the establishment of an autochthonous, leguminous shrub growing in a metal-contaminated soil. 2011 , 409, 1205-9	21
1499	Influence of arbuscular mycorrhizal fungi on the growth and nutrient status of bermudagrass grown in alkaline bauxite processing residue. 2011 , 159, 25-29	28
1498	Role of vermicompost chemical composition, microbial functional diversity, and fungal community structure in their microbial respiratory response to three pesticides. 2011 , 102, 9638-45	26
1497	Immobilization of potentially toxic metals using different soil amendments. 2011 , 85, 577-83	94
1496	Changes in water content of two agricultural soils does not alter labile P and C pools. 2011 , 348, 185-201	8
1495	Dual Inoculation of Arbuscular Mycorrhizal and Phosphate Solubilizing Fungi Contributes in Sustainable Maintenance of Plant Health in Fly Ash Ponds. 2011 , 219, 3-10	59
1494	Slow and steady phosphate solubilization by a psychrotolerant strain of <i>Paecilomyces hepiali</i> (MTCC 9621). 2011 , 27, 1055-1062	31
1493	A review of studies on SRI effects on beneficial organisms in rice soil rhizospheres. 2011 , 9, 53-64	34
1492	Soil biological properties under different tree based traditional agroforestry systems in a semi-arid region of Rajasthan, India. 2011 , 81, 195-202	19
1491	Effects of compost input and tillage intensity on soil microbial biomass and activity under Mediterranean conditions. 2011 , 47, 63-70	55
1490	Effects of poultry manure amendment on phosphorus uptake by ryegrass, soil phosphorus fractions and phosphatase activity. 2011 , 47, 407-418	85
1489	Diversity of arbuscular mycorrhizal fungi associated with plants growing in fly ash pond and their potential role in ecological restoration. 2011 , 63, 273-80	23

1488	Isolation of phosphate solubilizing bacteria and their potential for lead immobilization in soil. 2011 , 185, 829-36	153
1487	Long-term effect of tillage, rotation and nitrogen fertiliser on soil quality in a Mediterranean Vertisol. 2011 , 114, 97-107	47
1486	Long-term impacts of de-oiled two-phase olive mill waste on soil chemical properties, enzyme activities and productivity in an olive grove. 2011 , 114, 175-182	38
1485	Diversity in phosphorus mobilisation and uptake in ectomycorrhizal fungi. 2011 , 68, 33-43	59
1484	Phytase, phosphatase activity and p-nutrition of soybean as influenced by inoculation of bacillus. 2011 , 51, 94-9	26
1483	Rhizophagus manihotis promotes the growth of rhizobia-nodulated Vigna luteola L in phosphorus deficient acid montane soils devoid of ground cover vegetation. 2011 , 55, 1-9	2
1482	Phosphate solubilizers enhance NPK fertilizer use efficiency in rice and legume cultivation. 2011 , 1, 227-238	53
1481	The effects of human trampling on the microbiological properties of soil and vegetation in mediterranean mountain areas. 2011 , 22, 383-394	36
1480	Correlation among soil enzyme activities under different forest system management practices. 2011 , 37, 1123-1131	130
1479	Concomitant rock phosphate dissolution and lead immobilization by phosphate solubilizing bacteria (<i>Enterobacter</i> sp.). 2011 , 92, 1115-20	67
1478	The biochemical response to different Cr and Cd concentrations in soils amended with organic wastes. 2011 , 185, 204-11	14
1477	Effect of decabromodiphenyl ether (BDE 209) and dibromodiphenyl ether (BDE 15) on soil microbial activity and bacterial community composition. 2011 , 186, 883-90	59
1476	Using Soil Available P and Activities of Soil Dehydrogenase and Phosphatase as Indicators for Biodegradation of Organophosphorus Pesticide Methamidophos and Glyphosate. 2011 , 20, 688-701	8
1475	Soil Testing Protocols for Organic Farming—Concept and Approach. 2011 , 42, 1422-1433	2
1474	Notice of Retraction: Exotic and Native Poplars Effects on Soil Microbial Communities and Enzyme Activity in Different Months. 2011 ,	
1473	Interactive effects of plant growth-promoting rhizobacteria and organic fertilization on P nutrition of <i>Zea mays</i> L. and <i>Brassica napus</i> L.. 2011 , 174, 602-613	26
1472	Response of Biological Properties to the Application of Banvel® (2,4-D + MCPA + Dicamba) Herbicide in Soils Amended with Biostimulants. 2011 , 241-253	1
1471	<i>Brevibacillus</i> , Arbuscular Mycorrhizae and Remediation of Metal Toxicity in Agricultural Soils. 2011 , 235-258	4

1470	Impact of successive sugarcane harvests and trash management practices on soil microbiological properties. 2011 , 49, 183	8
1469	Cumulative and Residual Effects of Two-Phase Olive Mill Waste on Olive Grove Production and Soil Properties. 2011 , 75, 1061-1069	18
1468	Effects of Organic Amendments on Productivity and Profitability of Bell Pepper and French Bean in Garden Pea System and on Soil Properties during Transition to Organic Production. 2011 , 42, 2572-2585	6
1467	Effect of carbofuran on enzymatic activities and growth of tomato plants in natural, fertilized and vermicompost-amended soils. 2012 , 58, 1349-1364	7
1466	Barley seed coating with free and immobilized alkaline phosphatase to improve P uptake and plant growth. 2012 , 150, 691-701	8
1465	Application of soil quality indices to assess the status of agricultural soils irrigated with treated wastewaters. 2012 ,	
1464	Soil acid phosphomonoesterase activity and phosphorus forms in ancient and post-agricultural black alder [<i>Alnus glutinosa</i> (L.) Gaertn.] woodlands. 2012 , 81, 81-86	18
1463	Soil microbial community structure and microbial activities in the root zone of <i>Nothapodytes nimmoniana</i> . 2012 , 58, 479-491	
1462	Impact of Seed Dressings on Microbiological Activity of Soil Under Winter Triticale Cultivation. 2012 , 38,	1
1461	Effect of presowing magnetic treatment on properties of pea. 2012 , 26,	31
1460	Impact of the Tillage System on the Soil Enzymatic Activity. 2012 , 38, 75-82	19
1459	Plant species richness and ecosystem multifunctionality in global drylands. 2012 , 335, 214-8	690
1458	Efficiency of <i>Bacillus coagulans</i> as P biofertilizer to mobilize native soil organic and poorly soluble phosphates and increase crop yield. 2012 , 58, 1099-1115	8
1457	Soil chemical and biological properties affected by 21-year application of composted manure with chemical fertilizers in a Chinese Mollisol. 2012 , 92, 419-428	35
1456	Plant Cover and Soil Biochemical Properties in a Mine Tailing Pond Five Years After Application of Marble Wastes and Organic Amendments. 2012 , 22, 22-32	57
1455	Effects of <i>Glomus mosseae</i> and <i>Rhizobium</i> on the growth of black locust seedlings and the quality of weathered soft rock soils in the Loess Plateau, China. 2012 , 62, 1579-1586	9
1454	Phosphorus Solubilization by Thermotolerant <i>Bacillus subtilis</i> Isolated from Cow Dung Microflora. 2012 , 1, 273-279	21
1453	Effect of Native Soybean Rhizobia and AM Fungi in the Improvement of Nodulation, Growth, Soil Enzymes and Physiological Status of Soybean Under Microcosm Conditions. 2012 , 1, 346-351	13

1452	Effects of catch crops cultivated for green manure and mineral nitrogen fertilization on soil enzyme activities and chemical properties. 2012 , 189-190, 72-80	69
1451	Assessing the Impact of Iron-based Nanoparticles on pH, Dissolved Organic Carbon, and Nutrient Availability in Soils. 2012 , 21, 101-114	20
1450	Microbial Activity in High-Sulfur Reclaimed Coal Mine Overburden Sites. 2012 , 21, 42-50	5
1449	Characterisation of some <i>Phlebiopsis gigantea</i> isolates with respect to enzymatic activity and decay of Norway spruce wood. 2012 , 22, 777-790	10
1448	Microbial indicators of soil health as tools for ecological risk assessment of a metal contaminated site in Brazil. 2012 , 59, 96-105	82
1447	Biofortification of wheat through inoculation of plant growth promoting rhizobacteria and cyanobacteria. 2012 , 50, 118-126	211
1446	Relationships between soil physico-chemical, chemical and biological properties in a soil amended with spent mushroom substrate. 2012 , 173-174, 152-161	66
1445	Short-term effects of nutrient management regimes on biochemical and microbial properties in soils under rainfed ginger (<i>Zingiber officinale</i> Rosc.). 2012 , 173-174, 192-198	30
1444	Altitude-related factors but not <i>Pinus</i> community exert a dominant role over chemical and microbiological properties of a Mediterranean humid soil. 2012 , 63, 541-549	34
1443	Responses of Soil Acid Phosphomonoesterase Activity to Simulated Nitrogen Deposition in Three Forests of Subtropical China. 2012 , 22, 698-706	12
1442	Nitrogen and phosphorus status and their influence on aboveground production under increasing nitrogen deposition in three successional forests. 2012 , 44, 20-27	49
1441	Land use effects on soil quality along a native wetland to cropland chronosequence. 2012 , 53, 114-120	21
1440	Structure-toxicity relationship of chloroacetanilide herbicides: relative impact on soil microorganisms. 2012 , 34, 307-314	38
1439	Soil organic phosphorus forms under different soil management systems and winter crops, in a long term experiment. 2012 , 124, 57-67	49
1438	Phosphorus limitation in microorganisms leads to high phosphomonoesterase activity in acid forest soils. 2012 , 55, 263-270	19
1437	Contrasting soil microbial responses to fertilization and tillage systems in canola rhizosphere. 2012 , 19, 377-83	15
1436	Functional and structural parameters to assess the ecological status of a metal contaminated area in the tropics. 2012 , 86, 188-97	37
1435	Deciphering the metabolic capabilities of a lipase producing <i>Pseudomonas aeruginosa</i> SL-72 strain. 2012 , 57, 525-31	3

1434	Soil Enzymology in the Recycling of Organic Wastes and Environmental Restoration. 2012,	1
1433	Acid phosphomonoesterase (E.C. 3.1.3.2) location in soil. 2012, 175, 196-211	25
1432	Enhancing micronutrient uptake and yield of wheat through bacterial PGPR consortia. 2012, 58, 573-582	85
1431	Isolation and characterization of phosphate-solubilizing bacteria from aerobic rice. 2012, 11,	11
1430	Influence of Arbuscular Mycorrhizal Fungi and <i>Pseudomonas fluorescens</i> at Different Superphosphate Levels on Linseed (<i>Linum usitatissimum</i> L.) Growth Response. 2012, 72, 237-243	7
1429	Microbiological and biochemical properties of an agricultural Mexican soil amended with sewage sludge. 2012, 36, 1646-1655	9
1428	Key Biochemical Attributes to Assess Soil Ecosystem Sustainability. 2012, 193-227	6
1427	Soil microbial community structure and activity in monospecific and mixed forest stands, under Mediterranean humid conditions. 2012, 354, 359-370	57
1426	Warming and grazing increase mineralization of organic P in an alpine meadow ecosystem of Qinghai-Tibet Plateau, China. 2012, 357, 73-87	52
1425	Degradation of 2,4-D in soils by Fe ⁰ nanoparticles combined with stimulating indigenous microbes. 2012, 19, 784-93	45
1424	Plant diversity reduces the effect of multiple heavy metal pollution on soil enzyme activities and microbial community structure. 2012, 6, 213-223	27
1423	Characterisation of phosphate solubilising bacteria in sandy loam soil under chickpea cropping system. 2012, 52, 167-73	10
1422	Burning fire-prone Mediterranean shrublands: immediate changes in soil microbial community structure and ecosystem functions. 2012, 64, 242-55	71
1421	Can the shrub <i>Chromolaena odorata</i> (Asteraceae) be considered as improving soil biology and plant nutrient availability?. 2012, 85, 233-245	18
1420	Symbiotic nitrogen fixation of wild legumes in Tunisia: Soil fertility dynamics, field nodulation and nodules effectiveness. 2012, 157, 60-69	27
1419	Organic amendments influence soil quality and carbon sequestration in the Indo-Gangetic plains of India. 2012, 156, 134-141	121
1418	Field-scale evaluation of effects of nitrogen deposition on the functioning of heathland ecosystems. 2012, 100, 331-342	22
1417	Species richness effects on ecosystem multifunctionality depend on evenness, composition and spatial pattern. 2012, 100, 317-330	120

1416	Effects of mussel shell addition on the chemical and biological properties of a Cambisol. 2012 , 86, 1117-21	23
1415	EDTA and HCl leaching of calcareous and acidic soils polluted with potentially toxic metals: remediation efficiency and soil impact. 2012 , 88, 718-24	63
1414	Effects of raised-bed planting for enhanced summer maize yield on rhizosphere soil microbial functional groups and enzyme activity in Henan Province, China. 2012 , 130, 28-37	37
1413	Enhancing soil nutrient dynamics and productivity of Basmati rice through residue incorporation and zinc fertilization. 2012 , 41, 28-37	43
1412	Changes in labile phosphorus forms during maturation of vermicompost enriched with phosphorus-solubilizing and diazotrophic bacteria. 2012 , 110, 390-5	80
1411	Long-term nitrogen additions increase likelihood of climate stress and affect recovery from wildfire in a lowland heath. 2012 , 18, 2824-37	26
1410	Characterization and crop production efficiency of diazotrophic bacterial isolates from coastal saline soils. 2012 , 167, 95-102	32
1409	Improved effectiveness and efficiency in measuring soil enzymes as universal soil quality indicators using microplate fluorimetry. <i>Soil Biology and Biochemistry</i> , 2012 , 45, 98-101	7.5 20
1408	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	7.5 161
1407	Hydrolase enzyme activities in a successional gradient of biological soil crusts in arid and semi-arid zones. <i>Soil Biology and Biochemistry</i> , 2012 , 53, 124-132	7.5 51
1406	A broad-spectrum analysis of the effects of teflubenzuron exposure on the biochemical activities and microbial community structure of soil. 2012 , 108, 27-35	25
1405	Remediation trials for hydrocarbon-contaminated sludge from a soil washing process: evaluation of bioremediation technologies. 2012 , 199-200, 262-71	44
1404	Influences of plant species composition, fertilisation and <i>Lolium perenne</i> ingression on soil microbial community structure in three Irish grasslands. 2012 , 63, 509-21	17
1403	Isoelectric focusing of β -glucosidase humic-bound activity in semi-arid Mediterranean soils under management practices. 2012 , 48, 183-190	8
1402	Short-term effects of organic municipal wastes on wheat yield, microbial biomass, microbial activity, and chemical properties of soil. 2012 , 48, 205-216	62
1401	Influence of co-inoculation of bacteria-cyanobacteria on crop yield and C-N sequestration in soil under rice crop. 2012 , 28, 1223-35	94
1400	Impact of PAH on biological health parameters of soils of an Indian refinery and adjoining agricultural area--a case study. 2012 , 184, 1145-56	9
1399	Response of native soil microbial functions to the controlled mycorrhization of an exotic tree legume, <i>Acacia holosericea</i> in a Sahelian ecosystem. 2012 , 22, 175-87	8

1398	Bioaugmented composting of <i>Jatropha</i> de-oiled cake and vegetable waste under aerobic and partial anaerobic conditions. 2013 , 53, 327-35	14
1397	TRENDS IN RECOVERY OF MEDITERRANEAN SOIL CHEMICAL PROPERTIES AND MICROBIAL ACTIVITIES AFTER INFREQUENT AND FREQUENT WILDFIRES. 2013 , 24, 115-128	88
1396	Recycling of environmentally problematic plant wastes generated from greenhouse tomato crops through vermicomposting. 2013 , 10, 697-708	41
1395	Fine mapping of quantitative trait loci for acid phosphatase activity in maize leaf under low phosphorus stress. 2013 , 32, 629-639	11
1394	Elevated CO ₂ temporally enhances phosphorus immobilization in the rhizosphere of wheat and chickpea. 2013 , 368, 315-328	31
1393	Coupled soil-availability and tree-limitation nutritional shifts induced by N deposition: insights from N to P relationships in <i>Abies pinsapo</i> forests. 2013 , 366, 67-81	9
1392	Plant-soil interactions in Mediterranean forest and shrublands: impacts of climatic change. 2013 , 365, 1-33	165
1391	Effects of condensed tannins in conifer leaves on the composition and activity of the soil microbial community in a tropical montane forest. 2013 , 365, 157-170	52
1390	Community-aggregated plant traits interact with soil nutrient heterogeneity to determine ecosystem functioning. 2013 , 364, 119-129	23
1389	Increasing phosphorus limitation along three successional forests in southern China. 2013 , 364, 181-191	95
1388	Influence of the activity of <i>Allobophora molleri</i> in microbial activity and metal availability of arsenic-polluted soils. 2013 , 65, 449-57	5
1387	Effects of <i>Agaricus liliceps</i> fairy rings on soil aggregation and microbial community structure in relation to growth stimulation of western wheatgrass (<i>Pascopyrum smithii</i>) in Eastern Montana rangeland. 2013 , 66, 120-31	23
1386	Vascular plants mediate the effects of aridity and soil properties on ammonia-oxidizing bacteria and archaea. 2013 , 85, 273-82	21
1385	Influence of soil ameliorants and microflora on induction of antioxidant enzymes and growth promotion of <i>Jatropha curcas</i> L. under saline condition. 2013 , 55, 47-54	37
1384	Microbiological indicators of soil quality in a riparian forest recovery gradient. 2013 , 53, 313-320	28
1383	Effect of elevated CO ₂ on degradation of azoxystrobin and soil microbial activity in rice soil. 2013 , 185, 2951-60	15
1382	ZnO Nanoparticle Biosynthesis and Its Effect on Phosphorous-Mobilizing Enzyme Secretion and Gum Contents in Clusterbean (<i>Cyamopsis tetragonoloba</i> L.). 2013 , 2, 48-57	397
1381	Soil macrofauna as an indicator of soil quality in an undisturbed riparian forest and recovering sites of different ages. 2013 , 58, 105-112	44

1380	Carbendazim dissipation in the biomixture of on-farm biopurification systems and its effect on microbial communities. 2013 , 93, 1084-93	50
1379	Development of a biologically based fertilizer, incorporating <i>Bacillus megaterium</i> A6, for improved phosphorus nutrition of oilseed rape. 2013 , 59, 231-6	21
1378	Significance of bioinoculants in promoting growth, nutrient uptake and yield of <i>Cyamopsis tetragonoloba</i> (L.) <i>Walt.</i> 2013 , 58, 66-72	8
1377	Capabilities of alders (<i>Alnus incana</i> and <i>A. glutinosa</i>) to grow in metal-contaminated soil. 2013 , 58, 214-227	29
1376	Evaluation of microplate and bench-scale β -glucosidase assays for reproducibility, comparability, kinetics, and homogenization methods in two soils. 2013 , 49, 1227-1236	11
1375	Long-term phosphorus fertilisation increased the diversity of the total bacterial community and the <i>phoD</i> phosphorus mineraliser group in pasture soils. 2013 , 49, 661-672	174
1374	Effect of organic-complexed superphosphates on microbial biomass and microbial activity of soil. 2013 , 49, 395-401	12
1373	Utilisation of chemically stabilized arsenic-contaminated soil in a landfill cover. 2013 , 20, 8649-62	14
1372	Heavy metal immobilization in soil near abandoned mines using eggshell waste and rapeseed residue. 2013 , 20, 1719-26	85
1371	Effect of Solution Phosphorus Concentration on the Exudation of Oxalate Ions by Wheat (<i>Triticum aestivum</i> L.). 2013 , 83, 305-309	29
1370	Influence of farmyard manure application and mineral fertilization on yield sustainability, carbon sequestration potential and soil property of gardenpea-french bean cropping system in the Indian Himalayas. 2013 , 164, 414-427	18
1369	Vermiremediation: detoxification of Parthenin toxin from <i>Parthenium</i> weeds. 2013 , 262, 489-95	20
1368	Effectiveness of management strategies in <i>Acacia dealbata</i> Link invasion, native vegetation and soil microbial community responses. 2013 , 304, 464-472	14
1367	Synergistic effect of released dexamethasone and surface nanoroughness on mesenchymal stem cell differentiation. 2013 , 1, 1091-1100	14
1366	Influence of hill slope on biological pools of carbon, nitrogen, and phosphorus in acidic alfisols of citrus orchard. 2013 , 111, 1-8	17
1365	Decoupling of soil nutrient cycles as a function of aridity in global drylands. 2013 , 502, 672-6	470
1364	Obtaining biostimulant products for land application from the sewage sludge of small populations. 2013 , 50, 31-36	17
1363	Atrazine dissipation and its impact on the microbial communities and community level physiological profiles in a microcosm simulating the biomixture of on-farm biopurification system. 2013 , 260, 459-67	50

1362	Frequent-wildfires with shortened time-since-fire affect soil microbial functional stability to drying and rewetting events. <i>Soil Biology and Biochemistry</i> , 2013 , 57, 663-674	7.5	17
1361	Integrated multivariate analysis of selected soil microbial properties and their relationships with mineral fertilization management in a conservation agriculture system. 2013 , 63, 623-632		1
1360	Impact Assessment of Arbuscular Mycorrhiza Azospirillum and Chemical Fertilizer Application on Soil Health and Ecology. 2013 , 44, 1116-1126		6
1359	An evaluation of the effectiveness of novel industrial by-products and organic wastes on heavy metal immobilization in Pb-Zn mine tailings. 2013 , 15, 2059-67		13
1358	Do P Cycling Patterns Differ Between Ice-Free Areas and Glacial Boundaries in the Maritime Antarctic Region?. 2013 , 45, 190-200		3
1357	Soil Microbial and Enzyme Activities Response to Pollution Near an Aluminium Smelter. 2013 , 41, 485-492		14
1356	Biochar from water hyacinth (<i>Eichornia crassipes</i>) and its impact on soil biological activity. 2013 , 111, 64-71		138
1355	The effect of leonardite application on <i>Arnica montana</i> L. yielding and chosen chemical properties and enzymatic activity of the soil. 2013 , 129, 76-81		13
1354	Biochar preparation from <i>Parthenium hysterophorus</i> and its potential use in soil application. 2013 , 55, 67-72		86
1353	The effect of leonardite application and various plantation modalities on yielding and quality of roseroot (<i>Rhodiola rosea</i> L.) and soil enzymatic activity. 2013 , 129, 64-69		7
1352	Long-term efficiency of soil stabilization with apatite and Slovakite: the impact of two earthworm species (<i>Lumbricus terrestris</i> and <i>Dendrobaena veneta</i>) on lead bioaccessibility and soil functioning. 2013 , 91, 1-6		15
1351	Short-term effects of the herbicide napropamide on the activity and structure of the soil microbial community assessed by the multi-approach analysis. 2013 , 66, 8-18		70
1350	Co-application of biochar and lignite fly ash on soil nutrients and biological parameters at different crop growth stages of <i>Zea mays</i> . 2013 , 58, 314-322		84
1349	Reduced activity of alkaline phosphatase due to host-guest interactions with humic superstructures. 2013 , 93, 1972-9		16
1348	Structural and functional characterization of the microbial communities associated with the upland and irrigated rice rhizospheres in a neotropical Colombian savannah. 2013 , 55, 1-8		6
1347	Thinning and recovery effects on soil properties in two sites of a Mediterranean forest, in Cuenca Mountain (South-eastern of Spain). 2013 , 308, 223-230		46
1346	Relationship between organic carbon content and the activity of selected enzymes in urban soils under different anthropogenic influence. 2013 , 129, 52-56		23
1345	Ratooning Induced Rhizospheric Changes Impede Nutrient Acquisition and Growth in Sugarcane Ratoon Crop During Grand Growth Stage in Sub-tropics. 2013 , 15, 52-64		5

1344	Biotransformation of chlorpyrifos in riparian wetlands in agricultural watersheds: implications for wetland management. 2013 , 244-245, 111-20		20
1343	Bacterial diversity in the rhizosphere of maize and the surrounding carbonate-rich bulk soil. 2013 , 6, 36-44		90
1342	The impact of land management and abandonment on soil enzymatic activity, glomalin content and aggregate stability. 2013 , 202-203, 51-61		75
1341	Short-term effects of prescribed burning on phosphorus availability in a suburban native forest of subtropical Australia. 2013 , 13, 869-876		16
1340	Effects of land use changes on the spectroscopic characterization of hot-water extractable organic matter along a chronosequence: Correlations with soil enzyme activity. 2013 , 58, 8-12		2
1339	Effects of long-term phosphorus application and plant-growth promoting rhizobacteria on maize phosphorus nutrition under field conditions. 2013 , 55, 124-130		78
1338	Seasonal changes in microbial activity in a semiarid soil after application of a high dose of different organic amendments. 2013 , 206, 40-48		35
1337	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	7.5	76
1336	Bacterial communities established in bauxite residues with different restoration histories. 2013 , 47, 7110-9		52
1335	Kinetic parameters of phosphatase: A quantitative synthesis. <i>Soil Biology and Biochemistry</i> , 2013 , 65, 105-113	7.5	48
1334	Constraints to native plant species establishment in coastal dune communities invaded by <i>Carpobrotus edulis</i> : Implications for restoration. 2013 , 164, 1-9		55
1333	Modification of enzymatic activity in soils of contrasting pH contaminated with 2,4-dichlorophenol and 2,4,5-trichlorophenol. <i>Soil Biology and Biochemistry</i> , 2013 , 56, 80-86	7.5	23
1332	Differential effect of coal combustion products on the bioavailability of phosphorus between inorganic and organic nutrient sources. 2013 , 261, 817-25		8
1331	Bioaccumulation and degradation of pentachloronitrobenzene in <i>Medicago sativa</i> . 2013 , 119, 143-50		38
1330	Soil C and N dynamics, nutrient leaching and fertility in a pine plantation amended with wood ash under Mediterranean climate. 2013 , 132, 281-295		6
1329	Application of soil quality indices to assess the status of agricultural soils irrigated with treated wastewaters. 2013 , 4, 119-127		29
1328	Organ-Disparate Allocation of Plasticity in Phosphorus Response as an Underlying Mechanism for the Sawgrass-To-Cattail Habitat Shift in Florida Everglades Wetlands. 2013 , 174, 779-790		6
1327	Conservation tillage and optimal water supply enhance microbial enzyme (glucosidase, urease and phosphatase) activities in fields under wheat cultivation during various nitrogen management practices. 2013 , 59, 911-928		24

1326	Effects of the Residues of Environmental Degradable Polyethylene Film on Soil Phosphatase Activities. 2013 , 726-731, 1573-1576	
1325	Microbiology and Macrofaunal Activity in Soil beneath Shrub Canopies during Residue Decomposition in Agroecosystems of the Sahel. 2013 , 77, 501-511	28
1324	Reduced activity of β -glucosidase resulting from host-guest interactions with dissolved fulvic acids as revealed by NMR spectroscopy. 2013 , 64, 508-515	4
1323	Land use practices in the Central Himalayan region affect soil enzyme activities and their relationship with carbon pools. 2013 , 63, 403-408	1
1322	Impact of Arbuscular Mycorrhizal Fungi with <i>Trichoderma viride</i> and <i>Pseudomonas fluorescens</i> on Growth Enhancement of Genetically Modified Bt Cotton (<i>Bacillus thuringiensis</i>). 2013 , 10, 309-325	2
1321	Soil microbiological attributes under summer/winter crops rotation in a no-tillage system. 2013 , 59, 1471-1485	2
1320	<i>Pseudomonas striata</i> for Improving Phosphorus Availability in Soil under Pearl Millet Cultivation. 2013 , 27, 255-271	10
1319	Partitioning of soil phosphorus regulates competition between <i>Vaccinium vitis-idaea</i> and <i>Deschampsia cespitosa</i> . 2013 , 3, 4243-52	20
1318	Effect of salinity tolerant PDH45 transgenic rice on physicochemical properties, enzymatic activities and microbial communities of rhizosphere soils. 2013 , 8,	10
1317	Interrelationship of Carbon Sequestration, Soil Fertility, and Microbial Indices as Influenced by Long-Term Land Uses in Lower Himalayan Region, India. 2013 , 44, 869-883	3
1316	EVALUATING THE ESTABLISHMENT AND AGRONOMIC PROFICIENCY OF CYANOBACTERIAL CONSORTIA AS ORGANIC OPTIONS IN WHEAT-RICE CROPPING SEQUENCE. 2013 , 49, 416-434	41
1315	Calcium: From Root Macronutrient to Mechanical Signal. 2013 , 298-311	8
1314	Barley Seeds Encapsulated in Calcium-Alginate Gels with Phosphatase and Humate-Phosphatase Complexes for Improving Phosphorus Bioavailability. 2013 , 105, 1565-1570	1
1313	Nitrogênio, carbono e compactação do solo como fatores limitantes do processo de recuperação de matas ciliares. 2013 , 37, 1164-1173	3
1312	Evaluation of Organic and Conventional Rice Production Systems for their Productivity, Profitability, Grain Quality and Soil Health. 2013 , 01,	8
1311	Oxidative enzymes, the ultimate regulator: implications for factors affecting their efficiency. 2013 , 42, 1779-90	15
1310	Characterization of diazotrophic phosphate solubilizing bacteria as growth promoters of maize plants. 2013 , 15, 115	11
1309	Land Use Impact on Microbial and Biochemical Indicators in Agroecosystems of the Brazilian Cerrado. 2013 , 12, vzj2012.0027	9

1308	Effect of immobilized phosphate solubilizing bacteria on wheat growth and phosphate uptake. 2013 , 0-0	14
1307	Microbial Diversity in Soil under Potato Cultivation from Cold Desert Himalaya, India. 2013 , 2013, 1-9	6
1306	Biochar Alteration of the Sorption of Substrates and Products in Soil Enzyme Assays. 2013 , 2013, 1-5	20
1305	Enzymatic activity of the Kuyavia Mollic Gleysols (Poland) against their chemical properties . 2013 , 59, 359-365	4
1304	Mineral fertilisation as a factor determining selected sorption properties of soil against the activity of phosphatases. 2013 , 59, 439-445	13
1303	The changes of enzymatic activity of soil under eastern galega (<i>Galega orientalis</i> Lam.) after NPKCa fertilization. 2014 , 60, 123-128	3
1302	Quality Evaluation of Different Forms of Compost and Their Effect in Comparison with Inorganic Fertilizers on Growth and Yield Attributes of Wheat (<i>Triticum aestivum</i> L.). 2014 , 7,	0
1301	Spreading topsoil encourages ecological restoration on embankments: soil fertility, microbial activity and vegetation cover. 2014 , 9, e101413	27
1300	Impact of fungicide mancozeb at different application rates on soil microbial populations, soil biological processes, and enzyme activities in soil. 2014 , 2014, 702909	24
1299	Effects of Manure Inorganic and Enzymatically Hydrolyzable Phosphorus on Soil Test Phosphorus. 2014 , 78, 1301-1309	17
1298	Effects of Mycorrhizal Fungi with Phosphate Fertilizer Applications on Phosphate Solubilizing and Soil Properties of Grapes Orchard. 2014 , 9,	
1297	Microbial dynamics as influenced by concentrate manure and inorganic fertilizer in alluvium soil of Varanasi, India. 2014 , 8, 257-263	8
1296	Soil quality indicators in a rhodic kandiodult under different uses in northern Parana, Brazil. 2014 , 38, 50-59	7
1295	Effects of climate change on plant associated microbial communities and enzyme activities. 2014 , 8, 3087-30936	
1294	Nutrient Recycling and Its Relationship with Biofertility Indicators of Soil Health and Nutrient Uptake in a Rice (<i>Oryza sativa</i> L.)-Wheat (<i>Triticum aestivum</i> L. emend. Fiori & Paol) Cropping Sequence. 2014 , 38, 445-459	1
1293	Change in Soil Microbial and Enzyme Activities in Response to the Addition of Rock-Phosphate-Enriched Compost. 2014 , 45, 2794-2806	13
1292	Organic and inorganic phosphorus forms in soil as affected by long-term application of organic amendments. 2014 , 100, 245-255	41
1291	Phosphorus acquisition from deficient soil: involvement of organic acids and acid phosphatase in pigeon pea (<i>Cajanus cajan</i> L. mills sp). 2014 , 19, 197-204	7

1290	Phytoextraction of arsenic contaminated soil by Chinese brake fern (<i>Pteris vittata</i>): Effect on soil microbiological activities. 2014 , 50, 1247-1252	21
1289	Effect of bioinoculants and superphosphate fertilizer on the growth and yield of broccoli (<i>Brassica oleracea</i> L. var. <i>italica</i> Plenck). 2014 , 42, 288-302	17
1288	<i>Hartmannibacter diazotrophicus</i> gen. nov., sp. nov., a phosphate-solubilizing and nitrogen-fixing alphaproteobacterium isolated from the rhizosphere of a natural salt-meadow plant. 2014 , 64, 3160-3167	18
1287	Productivity, Nutrient Balance, Soil Quality, and Sustainability of Rice (<i>Oryza sativa</i> L.) under Organic and Conventional Production Systems. 2014 , 45, 415-428	14
1286	Legacy Effects of Oil Road Reclamation on Soil Biology and Plant Community Composition. 2014 , 22, 625-632	8
1285	EFFECTS OF CRUSHED MAIZE STRAW RESIDUES ON SOIL BIOLOGICAL PROPERTIES AND SOIL RESTORATION. 2014 , 25, 501-509	68
1284	Climate Change and Biodiversity. 2014 ,	
1283	Effects of Sewage Sludge and <i>Acacia dealbata</i> Composts on Soil Biochemical and Chemical Properties. 2014 , 45, 570-580	17
1282	Effects of long-term treatments of different organic fertilizers complemented with chemical N fertilizer on the chemical and biological properties of soils. 2014 , 60, 499-511	26
1281	Altered N, P and C dynamics with absence of fire in <i>Eucalyptus</i> forests affected by premature decline. 2014 , 39, 587-599	5
1280	Soil phosphorus dynamics as affected by Congo grass and P fertilizer. 2014 , 71, 309-315	12
1279	Engineering towards a complete heterologous cellulase secretome in <i>Yarrowia lipolytica</i> reveals its potential for consolidated bioprocessing. 2014 , 7, 148	42
1278	Long-term gravelâand mulch affects soil physicochemical properties, microbial biomass and enzyme activities in the semi-arid Loess Plateau of North-western China. 2014 , 64, 294-303	4
1277	Reducing carbon: phosphorus ratio can enhance microbial phytin mineralization and lessen competition with maize for phosphorus. 2014 , 9, 850-856	21
1276	THE EFFECTS OF <i>ACACIA TORTILIS</i> SUBSP. <i>RADDIANA</i> , SOIL TEXTURE AND SOIL DEPTH ON SOIL MICROBIAL AND BIOCHEMICAL CHARACTERISTICS IN ARID ZONES OF TUNISIA. 2014 , 25, 143-152	39
1275	Diversity, mechanism and biotechnology of phosphate solubilising microorganism in mangroveâ review. 2014 , 3, 97-110	111
1274	Behavior of oxyfluorfen in soils amended with different sources of organic matter. Effects on soil biology. 2014 , 273, 207-14	28
1273	Combined effects of clay immobilized <i>Azospirillum brasilense</i> and <i>Pantoea dispersa</i> and organic olive residue on plant performance and soil properties in the revegetation of a semiarid area. 2014 , 466-467, 67-73	24

1272	Identification of QTL for acid phosphatase activity in root and rhizosphere soil of maize under low phosphorus stress. 2014 , 197, 133-143	13
1271	Impact of long-term organic and inorganic nutrient managements on the biological properties and eubacterial community diversity of the Indian semi-arid Alfisol. 2014 , 60, 531-548	24
1270	Plant phylodiversity enhances soil microbial productivity in facilitation-driven communities. 2014 , 174, 909-20	35
1269	Functional patterns of microbial communities of rhizospheric soils across the development stages of a young mangrove in French Guiana. 2014 , 67, 302-17	7
1268	Effect of phosphoric fertilizer and starter rates of nitrogen fertilizers on the phosphatase activity in the rhizosphere soil and nonlignified soybean roots under drought conditions. 2014 , 47, 102-109	3
1267	Development of microbial properties and enzyme activities in copper mine wasteland during natural restoration. 2014 , 116, 86-94	22
1266	Effects of arbuscular mycorrhizal inoculation and phosphorus supply on the growth and nutrient uptake of <i>Kandelia obovata</i> (Sheue, Liu & Yong) seedlings in autoclaved soil. 2014 , 75, 162-171	56
1265	Effect of EDTA washing of metal polluted garden soils. Part I: Toxicity hazards and impact on soil properties. 2014 , 475, 132-41	76
1264	Changes in the soil nutrient levels, enzyme activities, microbial community function, and structure during apple orchard maturation. 2014 , 77, 18-25	32
1263	Influence of P-solubilizing bacteria on crop yield and soil fertility at multilocational sites. 2014 , 61, 35-40	38
1262	Soil carbon sequestration potential of <i>Jatropha curcas</i> L. growing in varying soil conditions. 2014 , 68, 155-166	12
1261	Bacterial diversity of extremely alkaline bauxite residue site of alumina industrial plant using culturable bacteria and residue 16S rRNA gene clones. 2014 , 18, 665-76	23
1260	<i>Penicillium pinophilum</i> – a novel microorganism for nutrient management in pomegranate (<i>Punica granatum</i> L.). 2014 , 169, 111-117	9
1259	Microbiological, biochemical and ecotoxicological evaluation of soils in the area of biochar production in relation to polycyclic aromatic hydrocarbon content. 2014 , 213, 502-511	55
1258	Soil quality: a key factor in understanding plant invasion? The case of <i>Carpobrotus edulis</i> (L.) N.E.Br.. 2014 , 16, 429-443	46
1257	Evolution of enzymatic activities and carbon fractions throughout composting of plant waste. 2014 , 133, 355-64	51
1256	Biological activity in metal-contaminated calcareous agricultural soils: the role of the organic matter composition and the particle size distribution. 2014 , 21, 6176-87	26
1255	Seasonal Changes of Microbiological Properties in Steppe Soils from Degraded Arid Area in Tunisia. 2014 , 28, 49-58	2

1254	Effect of pesticides on microorganisms, enzymatic activity and plant in biochar-amended soil. 2014 , 214-215, 10-18	91
1253	Role of phosphate-solubilizing bacteria in improving the soil fertility and crop productivity in organic farming. 2014 , 60, 549-564	42
1252	Influence of nitrogen fertilization on soil ammonia oxidizer and denitrifier abundance, microbial biomass, and enzyme activities in an alpine meadow. 2014 , 50, 703-713	67
1251	Phosphatase activity and culture conditions of the yeast <i>Candida mycoderma</i> sp. and analysis of organic phosphorus hydrolysis ability. 2014 , 26, 2315-21	3
1250	Woody encroachment reduces nutrient limitation and promotes soil carbon sequestration. 2014 , 4, 1423-38	63
1249	Soil Microbial Activities in Beech Forests Under Natural Incubation Conditions as Affected by Global Warming. 2014 , 24, 709-721	5
1248	Changes in Biological Properties in Soil Amended with Rock Phosphate and Waste Mica Enriched Compost using Biological Amendments and Chemical Fertilizers Under Wheat-Soybean Rotation. 2014 , 37, 2050-2073	12
1247	Comparative Study of Different Soil Amendments and Microbes for Integrated Nutrient Management and Growth Promotion of <i>Jatropha Curcas</i> . 2014 , 37, 2209-2226	5
1246	Phosphorus and Potassium Transformations in Soil Amended with Enriched Compost and Chemical Fertilizers in a Wheat-Soybean Cropping System. 2014 , 45, 624-652	30
1245	Effects of organic and conventional management of sugar cane crop on soil physicochemical characteristics and phosphomonoesterase activity. 2014 , 62, 1456-63	5
1244	Relationship between soil alteration index three (AI3), soil organic matter and tree performance in a 'Cripps Pink' M7 apple orchard. 2014 , 31, 173-175	1
1243	The effect of inorganic nanoparticles (ZnO, Cr2O3, CuO and Ni) and their bulk counterparts on enzyme activities in different soils. 2014 , 232-234, 528-537	59
1242	Advantages of inoculation with immobilized rhizobacteria versus amendment with olive-mill waste in the afforestation of a semiarid area with <i>Pinus halepensis</i> Mill. 2014 , 73, 1-8	18
1241	Effect of fungal consortium and animal manure amendments on phosphorus fractions of paddy-straw compost. 2014 , 94, 90-97	19
1240	Bioremediation potential of native hydrocarbon degrading bacterial strains in crude oil contaminated soil under microcosm study. 2014 , 94, 79-89	101
1239	Degradation of chlorpyrifos using different biostimulants/biofertilizers: Effects on soil biochemical properties and microbial community. 2014 , 84, 158-165	29
1238	Modularity reveals the tendency of arbuscular mycorrhizal fungi to interact differently with generalist and specialist plant species in gypsum soils. 2014 , 80, 5457-66	29
1237	Development of Zinc Nanofertilizer to Enhance Crop Production in Pearl Millet (<i>Pennisetum americanum</i>). 2014 , 3, 257-262	199

1236	Bioresource Nutrient Recycling and Its Relationship with Biofertility Indicators of Soil Health and Nutrient Dynamics in RiceâWheat Cropping System. 2014 , 45, 912-924		30
1235	Soil organic matter degradation in an agricultural chronosequence under different tillage regimes evaluated by organic matter pools, enzymatic activities and CPMAS ¹³ C NMR. <i>Soil Biology and Biochemistry</i> , 2014 , 78, 170-181	7.5	50
1234	Plant regeneration functional groups modulate the response to fire of soil enzyme activities in a Mediterranean shrubland. <i>Soil Biology and Biochemistry</i> , 2014 , 79, 5-13	7.5	43
1233	Landscape-scale geographic variations in microbial biomass and enzyme-labile phosphorus in manure-amended Hapludults. 2014 , 50, 155-167		8
1232	Estimation of enzymatic, microbial, and chemical properties in Brown soil by microcalorimetry. 2014 , 116, 969-988		13
1231	Invasion of an annual exotic plant into deciduous forests suppresses arbuscular mycorrhiza symbiosis and reduces performance of sycamore maple saplings. 2014 , 318, 285-293		40
1230	Effect of butachlor (G) on soil enzyme activity. 2014 , 61, 94-100		17
1229	Assessment of the applicability of a "toolbox" designed for microbially assisted phytoremediation: the case study at Ingurtosu mining site (Italy). 2014 , 21, 6939-51		24
1228	Inoculation with arbuscular mycorrhizal fungi and addition of composted olive-mill waste enhance plant establishment and soil properties in the regeneration of a heavy metal-polluted environment. 2014 , 21, 7403-12		33
1227	Influence of short-time imidacloprid and acetamiprid application on soil microbial metabolic activity and enzymatic activity. 2014 , 21, 10129-38		19
1226	Behaviour of oxyfluorfen in soils amended with edaphic biostimulants/biofertilizers obtained from sewage sludge and chicken feathers. Effects on soil biological properties. 2014 , 21, 11027-35		21
1225	Soil organic carbon fractions and microbial community and functions under changes in vegetation: a case of vegetation succession in karst forest. 2014 , 71, 3727-3735		17
1224	Phosphorus Mobilization from Native Soil P-Pool upon Inoculation with Phytate-Mineralizing and Phosphate-Solubilizing <i>Bacillus aryabhattai</i> Isolates for Improved P-Acquisition and Growth of Soybean and Wheat Crops in Microcosm Conditions. 2014 , 3, 118-127		14
1223	Rhizosphere Effect of Kharif Crops on Phosphatases and Dehydrogenase Activities in a Typic Haplustert. 2014 , 37, 103-106		18
1222	Productivity, Organic Carbon and Residual Soil Fertility of PigeonpeaâWheat Cropping System Under Varying Tillage and Residue Management. 2014 , 84, 561-571		1
1221	Insights into rapid composting of paddy straw augmented with efficient microorganism consortium. 2014 , 3, 1		29
1220	Vermicompost and Fertilizer Application: Effect on Productivity and Profitability of Baby Corn (<i>Zea Mays</i> L.) and Soil Health. 2014 , 22, 83-92		20
1219	Microbiological and biochemical properties of artificial substrates: A preliminary study of its application as Technosols or as a basis in Green Roof Systems. 2014 , 70, 189-199		37

1218	Quality of trace element contaminated soils amended with compost under fast growing tree <i>Paulownia fortunei</i> plantation. 2014 , 144, 176-85	16
1217	Microbial Community Structure and Activity under Various Pervious Pavements. 2014 , 140, 04013012	8
1216	Effects of experimental warming and nitrogen fertilization on soil microbial communities and processes of two subalpine coniferous species in Eastern Tibetan Plateau, China. 2014 , 382, 189-201	42
1215	Identifying indicators of C and N cycling in a clayey Ultisol under different tillage and uses in winter. 2014 , 76, 95-101	17
1214	Carbon dynamics after afforestation of semiarid shrublands: Implications of site preparation techniques. 2014 , 319, 107-115	38
1213	Chemical Properties and Biochemical Activity of Colonized and Abandoned Litter-Feeding Termite (<i>Macrotermes</i> spp.) Mounds in Chromic Cambisol Area on the Borana Plateau, Ethiopia. 2014 , 24, 399-407	15
1212	Effect of industrial waste products on phosphorus mobilisation and biomass production in abattoir wastewater irrigated soil. 2014 , 21, 10013-21	3
1211	Crop sequences and fertilization affect soil vital enzyme activities. 2014 , 60, 793-798	2
1210	Impact of lignite on pedogenetic processes and microbial functions in Mediterranean soils. 2014 , 232-234, 257-269	10
1209	Earthworm eco-physiological characteristics and quantification of earthworm feeding in vermifiltration system for sewage sludge stabilization using stable isotopic natural abundance. 2014 , 276, 353-61	22
1208	Influence of heavy metal rich tannery sludge on soil enzymes vis- [^] -vis growth of <i>Tagetes minuta</i> , an essential oil bearing crop. 2014 , 112, 323-32	45
1207	Microbial inoculants and organic amendment improves plant establishment and soil rehabilitation under semiarid conditions. 2014 , 134, 1-7	58
1206	Co-inoculation integrated with P-enriched compost improved nodulation and growth of Chickpea (<i>Cicer arietinum</i> L.) under irrigated and rainfed farming systems. 2014 , 50, 1-12	43
1205	Phytoremediation of abandoned crude oil contaminated drill sites of Assam with the aid of a hydrocarbon-degrading bacterial formulation. 2014 , 16, 909-25	23
1204	Pesticides jiggling microbial transformation of phosphorus in soil. 2014 , 8, 637-643	2
1203	Effects of farmyard manure and nitrogen fertilizers on mobility of phosphorus and sulphur in wheat and activity of selected hydrolases in soil. 2014 , 28, 49-55	4
1202	The Influence of Admixtures Accelerating the Pine Bark Composting Process on Variation in the Bacteriological State of Composts. 2014 , 40,	6
1201	Assessment of the microbiological activity in agricultural and urban soils. 2014 , 65, 156-160	5

1200	Components of a Rice-Oilseed Rape Production System Augmented with <i>Trichoderma</i> sp. Tri-1 Control <i>Sclerotinia sclerotiorum</i> on Oilseed Rape. 2015 , 105, 1325-33	12
1199	The content of macro- and microelements and the phosphatase activity of soils under a varied plant cultivation technology. 2015 , 48, 1354-1360	1
1198	Phosphatase activities of spruce stand soils after serpentinite fertilisation in combination with nitrogen, phosphorus and potassium fertilisers. 2015 , 57, 82-89	1
1197	Soil Enzyme Activities and Biodiversity Measurements as Integrative Microbiological Indicators. 2015 , 247-271	58
1196	Microplate Fluorimetric Assay of Soil Enzymes. 2015 , 311-318	9
1195	Cyanobacterial inoculation in rice grown under flooded and SRI modes of cultivation elicits differential effects on plant growth and nutrient dynamics. 2015 , 84, 532-541	30
1194	Management influence on maize-wheat system performance, water productivity and soil biology. 2015 , 31, 534-543	36
1193	Effect of Nitrogen Management on Soil Microbial Community and Enzymatic Activities in <i>Jatropha curcas</i> L. Plantation. 2015 , 43, 1058-1065	4
1192	Effect of mixing soil saprophytic fungi with organic residues on the response of <i>Solanum lycopersicum</i> to arbuscular mycorrhizal fungi. 2015 , 31, 155-164	13
1191	Effect of biochar application on microbial biomass and enzymatic activities in degraded red soil. 2015 , 10, 755-766	14
1190	Effect of rock phosphate enriched compost and chemical fertilizers on microbial biomass phosphorus and phosphorus fractions. 2015 , 9, 1519-1526	5
1189	Cleopatra mandarin (<i>Citrus reshni</i> Hort. Ex Tan.) modulate physiological mechanisms to tolerate drought stress due to arbuscular mycorrhizal fungi and mycorrhizal helper bacteria. 2015 , 9, 1236-1246	3
1188	Enzymes in the rhizosphere of plants growing in the vicinity of the Polish Arctowski Antarctic Station. 2015 , 0-0	3
1187	Reclamation status of a degraded pasture based on soil health indicators. 2015 , 72, 195-202	6
1186	Soil Enzymes. 2015 , 903-947	49
1185	A Brief History of Soil Enzymology Research. 2015 , 1-34	5
1184	Phosphorus Cycle Enzymes. 2015 , 161-183	19
1183	Microbiological and faunal soil attributes of coffee cultivation under different management systems in Brazil. 2015 , 75, 894-905	7

1182	Influence of lokpa cattle market wastes on agricultural soil quality. 2015 , 9, 390-395		1
1181	Effect of sunflower stover and nutrients management on soil biological properties and available nitrogen and phosphorus at different stage of pigeonpea growth under pigeonpea-sunflower cropping system. 2015 , 9, 264-273		2
1180	Linkage of root physiology and morphology as an adaptation to soil phosphorus impoverishment in tropical montane forests. 2015 , 29, 1235-1245		36
1179	Temperature sensitivity of soil bacterial community along contrasting warming gradient. 2015 , 94, 40-48		50
1178	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	7.5	33
1177	<i>Penicillium menonorum</i> : A Novel Fungus to Promote Growth and Nutrient Management in Cucumber Plants. 2015 , 43, 49-56		34
1176	Effect of dehydrogenase, phosphatase and urease activity in cotton soil after applying thiamethoxam as seed treatment. 2015 , 187, 298		7
1175	Intercropping maintains soil fertility in terms of chemical properties and enzyme activities on a timescale of one decade. 2015 , 391, 265-282		53
1174	Accelerated degradation of PAHs using edaphic biostimulants obtained from sewage sludge and chicken feathers. 2015 , 300, 235-242		14
1173	Soil microbiological properties and enzymatic activities of long-term post-fire recovery in dry and semiarid Aleppo pine (<i>Pinus halepensis</i> M.) forest stands. 2015 , 6, 243-252		68
1172	Integrated resource management improves soil glucosidase, urease, and phosphatase activities and soil fertility during rice cultivation in Indo-Gangetic plains. 2015 , 1, 1030905		0
1171	Effect of conventional and organic orchard floor management practices on enzyme activities and microbial counts in a 'Cripp's Pink' apple orchard. 2015 , 32, 105-112		4
1170	Effect of organics, biofertilizers and crop residue application on soil microbial activity in rice-wheat and rice-wheat mungbean cropping systems in the Indo-Gangetic plains. 2015 , 1, 1085296		19
1169	Balanced allocation of organic acids and biomass for phosphorus and nitrogen demand in the fynbos legume <i>Podalyria calyptata</i> . 2015 , 174, 16-25		9
1168	Effects of hydrocarbon contamination on soil microbial community and enzyme activity. 2015 , 27, 31-41		64
1167	Soil volatile analysis by proton transfer reaction-time of flight mass spectrometry (PTR-TOF-MS). 2015 , 86, 182-191		42
1166	Metal remediation and biodegradation potential of earthworm species on municipal solid waste: a parallel analysis between <i>Metaphire posthuma</i> and <i>Eisenia fetida</i> . 2015 , 180, 230-6		69
1165	Gradualism in <i>Acacia dealbata</i> Link invasion: Impact on soil chemistry and microbial community over a chronological sequence. <i>Soil Biology and Biochemistry</i> , 2015 , 80, 315-323	7.5	46

1164	Experimental site and season over-control the effect of <i>Pinus halepensis</i> in microbiological properties of soils under semiarid and dry conditions. 2015 , 116, 44-52	11
1163	Application of organic amendments to restore degraded soil: effects on soil microbial properties. 2015 , 187, 109	39
1162	Phosphatase activity in relation to key litter and soil properties in mature subtropical forests in China. 2015 , 515-516, 83-91	36
1161	The response of rhizosphere microbial properties to flavonoids and Nod factors. 2015 , 65, 125-131	4
1160	Enzyme activity and microbial community structure in the rhizosphere of two maize lines differing in N use efficiency. 2015 , 387, 413-424	32
1159	Prospecting cold deserts of north western Himalayas for microbial diversity and plant growth promoting attributes. 2015 , 119, 683-93	149
1158	Potential use of <i>Pseudomonas koreensis</i> AGB-1 in association with <i>Miscanthus sinensis</i> to remediate heavy metal(loid)-contaminated mining site soil. 2015 , 151, 160-6	159
1157	The effects of fresh and stabilized pruning wastes on the biomass, structure and activity of the soil microbial community in a semiarid climate. 2015 , 89, 1-9	29
1156	Biochemical and microbial soil functioning after application of the insecticide imidacloprid. 2015 , 27, 147-58	38
1155	Improvement of antioxidant and defense properties of Tomato (var. Pusa Rohini) by application of bioaugmented compost. 2015 , 22, 256-64	31
1154	Innovative methods in soil phosphorus research: A review. 2015 , 178, 43-88	189
1153	The combined effects of cover crops and symbiotic microbes on phosphatase gene and organic phosphorus hydrolysis in subtropical orchard soils. <i>Soil Biology and Biochemistry</i> , 2015 , 82, 119-126	7.5 63
1152	Increasing nitrogen supply stimulates phosphorus acquisition mechanisms in the fynbos species <i>Aspalathus linearis</i> . 2014 , 42, 52-62	22
1151	Production, purification and characterization of neutral phytase from thermotolerant <i>Aspergillus flavus</i> ITCC 6720. 2015 , 99, 15-22	27
1150	Soil Phosphorus Mobilization Potential of Phytate Mineralizing Fungi. 2015 , 38, 2159-2175	22
1149	Kresoxim methyl dissipation kinetics and its residue effect on soil extra-cellular and intra-cellular enzymatic activity in four different soils of India. 2015 , 50, 90-8	6
1148	The native shrub, <i>Piliostigma reticulatum</i> , as an ecological "resource island" for mango trees in the Sahel. 2015 , 204, 51-61	18
1147	Response of soil microbial activity and biodiversity in soils polluted with different concentrations of cypermethrin insecticide. 2015 , 69, 8-19	22

1146	Restoration of sodic soils involving chemical and biological amendments and phytoremediation by <i>Eucalyptus camaldulensis</i> in a semiarid region. 2015 , 37, 575-86		18
1145	Soil-Root Interface Changes in Sugarcane Plant and Ratoon Crops under Subtropical Conditions: Implications for Dry-Matter Accumulation. 2015 , 46, 454-475		2
1144	Management with willow short rotation coppice increase the functional gene diversity and functional activity of a heavy metal polluted soil. 2015 , 138, 469-77		16
1143	Use of sewage sludge in bioenergy production—A case study on the effects on sorghum biomass production. 2015 , 69, 63-74		27
1142	Obtaining edaphic biostimulants/biofertilizers from different sewage sludges. Effects on soil biological properties. 2015 , 36, 2217-26		19
1141	Hydrodynamic voltammetry as a rapid and simple method for evaluating soil enzyme activities. 2015 , 15, 5331-43		10
1140	Impact of Arbuscular Mycorrhizal Fungi with <i>Trichoderma viride</i> and <i>Pseudomonas fluorescens</i> on Growth, Yield and Oil Content in <i>Helianthus annuus</i> L.. 2015 , 18, 444-454		11
1139	Impact of biodynamic preparations and panchgavyain organically managed cropping systems comprising legumes on soil biological health. 2015 , 38, 219		1
1138	Preliminary research of digestate pulp from biogas plant and its composts as potential organic fertilizers. 2015 , 9,		
1137	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	7.5	36
1136	Effect of partial root zone drying and deficit irrigation on nitrogen and phosphorus uptake in potato. 2015 , 159, 66-76		37
1135	Biological indicators provide short term soil health assessment during sodic soil reclamation. 2015 , 58, 244-253		27
1134	Long-term impact of wastewater irrigation and nutrient rates II. Nutrient balance, nitrate leaching and soil properties under peri-urban cropping systems. 2015 , 156, 110-117		32
1133	Deforestation fosters bacterial diversity and the cyanobacterial community responsible for carbon fixation processes under semiarid climate: a metaproteomics study. 2015 , 93, 65-67		26
1132	Evaluating the growth of several Mediterranean endemic species in artificial substrates: Are these species suitable for their future use in green roofs?. 2015 , 81, 405-417		22
1131	Long-term effect of rice-based farming systems on soil health. 2015 , 187, 296		8
1130	Effects of mefenoxam fungicide on soil biochemical properties. 2015 , 94, 622-6		1
1129	Thermal sensitivity of enzyme activity in tropical soils assessed by the Q10 and equilibrium model. 2015 , 51, 299-310		32

1128	Effect of Eucalyptus camaldulensis amendment on soil chemical properties, enzymatic activity, Acacia species growth and roots symbioses. 2015 , 89, 97-106		6
1127	Soil enzyme activities with biomass ashes and phosphorus fertilization to rice-wheat cropping system in the Indo-Gangetic plains of India. 2015 , 101, 391-400		8
1126	Changes in nitrogen and phosphorus limitation during secondary succession in a karst region in southwest China. 2015 , 391, 77-91		131
1125	Vertical distribution of phosphorus concentrations, phosphatase activity and further soil chemical properties in salt-affected Mollic Gleysols in Poland. 2015 , 74, 2719-2728		16
1124	Soil bacterial phoD gene abundance and expression in response to applied phosphorus and long-term management. <i>Soil Biology and Biochemistry</i> , 2015 , 88, 137-147	7.5	89
1123	Baby Corn-Legumes Intercropping Systems: I. Yields, Resource Utilization Efficiency, and Soil Health. 2015 , 39, 41-61		9
1122	Changes in soil microbial community structure and activity in a cedar plantation invaded by moso bamboo. 2015 , 91, 1-7		45
1121	Growth enhancement of rice (<i>Oryza sativa</i>) by phosphate solubilizing <i>Gluconacetobacter</i> sp. (MTCC 8368) and <i>Burkholderia</i> sp. (MTCC 8369) under greenhouse conditions. 2015 , 5, 831-837		27
1120	Ecoenzymatic stoichiometry at the extremes: How microbes cope in an ultra-oligotrophic desert soil. <i>Soil Biology and Biochemistry</i> , 2015 , 87, 34-42	7.5	82
1119	Effects of Phosphate-Solubilizing Bacteria, Rock Phosphate and Chemical Fertilizers on Maize-Wheat Cropping Cycle and Economics. 2015 , 25, 428-437		75
1118	Responses of soil acid phosphatase and beta-glucosidase to nitrogen and phosphorus addition in two subtropical forests in southern China. 2015 , 68, 77-84		46
1117	Impact of balanced fertilization on nutrient acquisition, fibre yield of jute and soil quality in New Gangetic alluvial soils of India. 2015 , 92, 24-34		12
1116	Changes in Microbial Community Structure and Soil Biological Properties in Mined Dune Areas During Re-vegetation. 2015 , 55, 1433-45		6
1115	Effects of poultry manure on soil biochemical properties in phthalic acid esters contaminated soil. 2015 , 22, 20050-9		5
1114	Determining soil enzyme activities for the assessment of fungi and citric acid-assisted phytoextraction under cadmium and lead contamination. 2015 , 22, 19860-9		18
1113	Early-maturing annual legumes: an option for cover cropping in rainfed olive orchards. 2015 , 103, 153-166		28
1112	Soil development in 1 years old coalmine reclaimed spoil with trees: A case study from Sonapur-Bazari opencast project, Raniganj Coalfield, India. 2015 , 84, 311-324		45
1111	Behaviour of pendimethalin and oxyfluorfen in peanut field soil: effects on soil biological and biochemical activities. 2015 , 31, 550-566		16

1110	Fluazifop-P-butyl (herbicide) affects richness and structure of soil bacterial communities. <i>Soil Biology and Biochemistry</i> , 2015 , 81, 89-97	7.5	11
1109	Evaluation of ferrihydrite as amendment to restore an arsenic-polluted mine soil. 2015 , 22, 6778-88		21
1108	Linking alkaline phosphatase activity with bacterial phoD gene abundance in soil from a long-term management trial. 2015 , 257-258, 115-122		108
1107	Environmental evaluation of the application of compost sewage sludge to landscaping as soil amendments: a field experiment on the grassland soils in Beijing. 2015 , 54, 1118-1126		8
1106	Impacts of thermal and smouldering remediation on plant growth and soil ecology. 2015 , 243-244, 1-9		38
1105	Enzymatic activities under different cover crop management in a Mediterranean olive orchard. 2015 , 31, 45-52		7
1104	Functional relationships with N deposition differ according to stand maturity in Calluna-dominated heathland. 2015 , 44, 131-41		6
1103	Arbuscular mycorrhizal fungal diversity in phosphorus-deficient Alfisols of a dry North-western agro-ecosystem of Tamil Nadu, India. 2015 , 65, 143-153		7
1102	TiO nanoparticle biosynthesis and its physiological effect on mung bean (<i>L.</i>). 2015 , 5, 22-26		206
1101	Microcalorimetric assays for measuring cell growth and metabolic activity: methodology and applications. 2015 , 76, 27-34		48
1100	Microbial activity in surface sediments of Chacopata-Bocaripo lagoon axis, Sucre State, Venezuela. 2015 , 91, 483-90		7
1099	Direct and indirect effects of invasion by the alien tree <i>Ailanthus altissima</i> on riparian plant communities and ecosystem multifunctionality. 2015 , 17, 1095-1108		32
1098	Effect of long-term nutrient managements on biological and biochemical properties of semi-arid tropical Alfisol during maize crop development stages. 2015 , 48, 76-87		35
1097	P accumulation of <i>Polygonum hydropiper</i> , soil P fractions and phosphatase activity as affected by swine manure. 2015 , 86, 10-18		19
1096	Phosphate solubilization in vitro by isolated <i>Aspergillus niger</i> and <i>Aspergillus carbonarius</i> . 2015 , 41, 2867-2878		9
1095	Consortium Effect of Arbuscular Mycorrhizal Fungi and <i>Pseudomonas fluorescens</i> with Various Levels of Superphosphate on Growth Improvement of Cotton (<i>G. arboreum L.</i>). 2015 , 12, 12-25		6
1094	Arbuscular Mycorrhizal Fungi and Glomalin-Related Soil Protein as Potential Indicators of Soil Quality in a Recuperation Gradient of the Atlantic Forest in Brazil. 2016 , 27, 325-334		56
1093	The influence of type and dosage of exogenous organic matter on chosen biochemical soil properties. 2016 , 11, 220-227		2

1092	Soil properties and yields of winter wheat after long-term growing of this crop in two contrasting rotations . 2016 , 62, 566-570	0
1091	Response of soil phosphatases to glyphosate and its formulations âRoundup (laboratory conditions) . 2016 , 62, 286-292	7
1090	Activity of Acid Phosphatases in Ectomycorrhizal Fungi. 2016 , 8, 78	
1089	Calcite Dissolution by sp. SOTI06: A Futuristic Approach for the Reclamation of Calcareous Sodic Soils. 2016 , 7, 1828	4
1088	Potential of mycorrhizal inocula to improve growth, nutrition and enzymatic activities in <i>Retama sphaerocarpa</i> compared with chemical fertilization under drought conditions. 2016 , 0-0	4
1087	Phosphorus distribution and availability in untreated and mechanically separated biogas digestates. 2016 , 73, 9-17	40
1086	Arbuscular Mycorrhizal symbiosis in four Al-tolerant wheat genotypes grown in an acidic Andisol. 2016 , 0-0	4
1085	Effects of pumice mining on soil quality. 2016 , 7, 1-9	11
1084	Restoration of Degraded Soil in the Nanmangalam Reserve Forest with Native Tree Species: Effect of Indigenous Plant Growth-Promoting Bacteria. 2016 , 2016, 5465841	9
1083	Effect on Soil Properties of Transgenic Maize with Enhanced Salinity Tolerance. 2016 , 2016, 6019046	2
1082	Effect of 40 and 80 Years of Conifer Regrowth on Soil Microbial Activities and Community Structure in Subtropical Low Mountain Forests. 2016 , 7, 244	14
1081	Soil microorganisms and enzyme activity at different levels of organic matter stability. 2016 , 0-0	5
1080	Assessment and kinetics of soil phosphatase in Brazilian Savanna systems. 2016 , 88, 1035-44	7
1079	Nutrient Addition Modifies Phosphatase Activities along an Altitudinal Gradient in a Tropical Montane Forest in Southern Ecuador. 2016 , 4,	8
1078	Linking Microbial Enzymatic Activities and Functional Diversity of Soil around Earthworm Burrows and Casts. 2016 , 7, 1361	27
1077	Variable Effects of Non-steroidal Anti-inflammatory Drugs (NSAIDs) on Selected Biochemical Processes Mediated by Soil Microorganisms. 2016 , 7, 1969	32
1076	Bacterial Mobilization of Nutrients From Biochar-Amended Soils. 2016 , 94, 109-59	21
1075	Rhizobial Inoculation Increases Soil Microbial Functioning and Gum Arabic Production of 13-Year-Old <i>Senegalia senegal</i> (L.) Britton, Trees in the North Part of Senegal. 2016 , 7, 1355	9

1074	Responses of Soil Microbial Biomass and Enzyme Activities to Tillage and Fertilization Systems in Soybean (L.) Production. 2016 , 7, 1730	25
1073	POTENCY OF RHIZOSPHERE BACTERIA TO PROMOTE RICE GROWTH UNDER SALINE CONDITION. 2016 , 23,	1
1072	Biocrust-forming mosses mitigate the negative impacts of increasing aridity on ecosystem multifunctionality in drylands. 2016 , 209, 1540-52	65
1071	Repeated application of composted tannery sludge affects differently soil microbial biomass, enzymes activity, and ammonia-oxidizing organisms. 2016 , 23, 19193-200	11
1070	Olive Husk Compost Improves the Quality of Intensively Cultivated Agricultural Soils. 2016 , 27, 449-459	10
1069	Influence of imazethapyr and quizalofop-p-ethyl application on microbial biomass and enzymatic activity in peanut grown soil. 2016 , 23, 23758-23771	12
1068	Biomass partitioning and rhizosphere responses of maize and faba bean to phosphorus deficiency. 2016 , 67, 847	21
1067	Response of arbuscular mycorrhizal fungi to soil phosphorus patches depends on context. 2016 , 67, 1116	4
1066	Impact of nutrient management, soil type and location on the accumulation of capsaicin in <i>Capsicum chinense</i> (Jacq.): One of the hottest chili in the world. 2016 , 213, 354-366	23
1065	Seasonal and Temporal Dynamics of Physicochemical and Biological Properties of Chronosequence Coal Mine Spoil Soils. 2016 , 44, 1405-1413	1
1064	Effects of municipal solid waste compost, rice-straw compost and mineral fertilisers on biological and chemical properties of a saline soil and yields in a mustard-pearl millet cropping system. 2016 , 54, 958	35
1063	A time for every season: soil aggregate turnover stimulates decomposition and reduces carbon loss in grasslands managed for bioenergy. 2016 , 8, 588-599	46
1062	The combination of quarry restoration strategies in semiarid climate induces different responses in biochemical and microbiological soil properties. 2016 , 107, 33-47	38
1061	Short and long-term effects of different irrigation and tillage systems on soil properties and rice productivity under Mediterranean conditions. 2016 , 77, 101-110	19
1060	How To Live with Phosphorus Scarcity in Soil and Sediment: Lessons from Bacteria. 2016 , 82, 4652-62	44
1059	The potential of residues of furfural and biogas as calcareous soil amendments for corn seed production. 2016 , 23, 6217-26	11
1058	Assessing environmental conditions of Antarctic footpaths to support management decisions. 2016 , 177, 320-30	14
1057	Gasification biochar has limited effects on functional and structural diversity of soil microbial communities in a temperate agroecosystem. <i>Soil Biology and Biochemistry</i> , 2016 , 99, 128-136	7.5 38

1056	Enhancing the Mobilization of Native Phosphorus in the Mung Bean Rhizosphere Using ZnO Nanoparticles Synthesized by Soil Fungi. 2016 , 64, 3111-8	131
1055	Beneficial cyanobacteria and eubacteria synergistically enhance bioavailability of soil nutrients and yield of okra. 2016 , 2, e00066	51
1054	Use of compost as an alternative to conventional inorganic fertilizers in intensive lettuce (<i>Lactuca sativa</i> L.) crops—Effects on soil and plant. 2016 , 160, 14-22	73
1053	Response of Mycorrhiza, Organic Sources, Secondary and Micro Nutrients on Soil Microbial Activities and Yield Performance of Colocasia (<i>Colocasia esculenta</i> L.) in Alfisols. 2016 , 47, 775-786	4
1052	Soil organic phosphorus fractions in response to long-term fertilization with composted manures under rice-wheat cropping system. 2016 , 39, 1336-1347	10
1051	Behavior of two pesticides in a soil subjected to severe drought. Effects on soil biology. 2016 , 105, 17-24	18
1050	Soil under nurse plants is always better than outside: a survey on soil amelioration by a complete guild of nurse plants across a long environmental gradient. 2016 , 408, 31-41	29
1049	Unravelling the importance of forest age stand and forest structure driving microbiological soil properties, enzymatic activities and soil nutrients content in Mediterranean Spanish black pine (<i>Pinus nigra</i> Ar. ssp. <i>salzmannii</i>) Forest. 2016 , 562, 145-154	71
1048	Synergistic interactions between a saprophytic fungal consortium and <i>Rhizophagus irregularis</i> alleviate oxidative stress in plants grown in heavy metal contaminated soil. 2016 , 407, 355-366	38
1047	Variation in soil enzyme activity as a function of vegetation amount, type, and spatial structure in fire-prone Mediterranean shrublands. 2016 , 573, 1209-1216	21
1046	Turn-On Colorimetric Platform for Dual Activity Detection of Acid and Alkaline Phosphatase in Human Whole Blood. 2016 , 11, 3040-3045	33
1045	Efficiency of Phosphatases in Mobilization of Native Phosphorus Fractions Under Different Vegetation. 2016 , 5, 335-345	2
1044	Phosphate dissolving fungi: Mechanism and application in alleviation of salt stress in wheat. 2016 , 193, 94-102	26
1043	Microbial community structure shifts are associated with temperature, dispersants and nutrients in crude oil-contaminated seawaters. 2016 , 111, 203-212	31
1042	Microbial crop residue decomposition dynamics in organic and conventionally managed soils. 2016 , 107, 347-359	47
1041	Biochar and manure effluent effects on soil biochemical properties under corn production. 2016 , 107, 360-367	48
1040	Long-term management effects on soil P, microbial biomass P, and phosphatase activities in prairie soils. 2016 , 76, 61-69	11
1039	Soil Enzymatic Activity in Eucalyptus Grandis Plantations of Different Ages. 2016 , 27, 77-82	17

1038	Soil enzymes and microbial endophytes as indicators of climate variation along an altitudinal gradient with respect to wheat rhizosphere under mountain ecosystem. 2016 , 2, 75-84	10
1037	Inoculation of bacteria for the bioremediation of heavy metals contaminated soil by <i>Agrocybe aegerita</i> . 2016 , 6, 65816-65824	29
1036	Pesticide Toxicity to Microorganisms: Exposure, Toxicity and Risk Assessment Methodologies. 2016 , 351-410	3
1035	Effect of cover crops on microbial community structure and related enzyme activities and macronutrient availability. 2016 , 76, 74-82	45
1034	Pesticide Toxicity to Non-target Organisms. 2016 ,	24
1033	Nitrogen and Phosphorus Use Efficiencies in Wheat: Physiology, Phenotyping, Genetics, and Breeding. 2016 , 167-234	14
1032	Sodic Soil Reclamation in a Semi-Arid Region Involving Organic Amendments and Vegetative Remediation by <i>Casuarina equisetifolia</i> and <i>Erianthus arundinaceus</i> . 2016 , 3, 431-449	3
1031	Changes in light-textured soil parameters following two successive annual amendments with urban sewage sludge. 2016 , 95, 604-611	27
1030	The enzymatic and physiological response of the microbial community in semiarid soil to carbon compounds from plants. 2016 , 67, 456-469	13
1029	Soil profile dismantlement by land levelling and deep tillage damages soil functioning but not quality. 2016 , 107, 298-306	10
1028	Microbial priming elicits improved plant growth promotion and nutrient uptake in pea. 2016 , 63, 191-207	10
1027	Mammalian engineers drive soil microbial communities and ecosystem functions across a disturbance gradient. 2016 , 85, 1636-1646	29
1026	Short-Term Impact of Organic Fertilization and Seasonal Variations on Enzymes and Microbial Indices Under Rice-Wheat Rotation. 2016 , 44, 1396-1404	5
1025	Assessment of the content of heavy metals and potential pathogenic microorganisms in soil under illegal dumping sites. 2016 , 75, 1	11
1024	Isolation and identification of a phosphate solubilising fungus from soil of a phosphate mine in Chaluse, Iran. 2016 , 7, 134-142	4
1023	Novel synthesis of an iron oxalate capped iron oxide nanomaterial: a unique soil conditioner and slow release eco-friendly source of iron sustenance in plants. 2016 , 6, 103012-103025	26
1022	Potato production through bio-resources: Long-term effects on tuber productivity, quality, carbon sequestration and soil health in temperate Himalayas. 2016 , 213, 152-163	14
1021	Bacterial alkaline phosphomonoesterase in the rhizospheres of plants grown in Chilean extreme environments. 2016 , 52, 763-773	33

1020	Response of CaCl ₂ -extractable heavy metals, polychlorinated biphenyls, and microbial communities to biochar amendment in naturally contaminated soils. 2016 , 16, 476-485	22
1019	Microbial and Enzyme Activities and Carbon Stock in Unique Coastal Acid Saline Soils of Goa. 2016 , 86, 961-971	9
1018	Mycorrhizal (Rhizophagus Intraradices) Symbiosis and Fe and Zn Availability in Calcareous Soil. 2016 , 47, 1357-1371	2
1017	Long term effect of conservation agriculture in maize rotations on total organic carbon, physical and biological properties of a sandy loam soil in north-western Indo-Gangetic Plains. 2016 , 161, 116-128	82
1016	Influence of tebuconazole and copper hydroxide on phosphatase and urease activities in red sandy loam and black clay soils. 2016 , 6, 78	6
1015	Impact of Bt-cotton on soil microbiological and biochemical attributes. 2016 , 19, 458-467	7
1014	Effect of various microorganisms on phosphorus uptake from insoluble Ca-phosphates by cucumber plants. 2016 , 179, 454-465	19
1013	Phosphatase activity and its relationship with physical and chemical parameters during vermicomposting of filter cake and cattle manure. 2016 , 96, 1223-30	17
1012	Effects of Thinning and Induced Drought on Microbiological Soil Properties and Plant Species Diversity at Dry and Semiarid Locations. 2016 , 27, 1151-1162	27
1011	Soil Microbial Functions After Forest Fires Affected by the Compost Quality. 2016 , 27, 1391-1402	8
1010	Assessment of the use of sepiolite amendment to restore heavy metal polluted mine soil. 2016 , 280, 57-66	52
1009	Effect of In situ Recycling of Sugarcane Crop Residues on Soil Enzyme Activities Under SoybeanâMaize System. 2016 , 86, 299-307	1
1008	Restoration of carbon and microbial activity in salt-induced soil by application of peanut shell biochar during short-term incubation study. 2016 , 148, 86-98	82
1007	The inorganic component of green roof substrates impacts the growth of Mediterranean plant species as well as the C and N sequestration potential. 2016 , 61, 739-752	13
1006	Biochemical changes in the recreational areas soil caused by the intensity of use. 2016 , 75, 1	1
1005	Soil potential labile but not occluded phosphorus forms increase with forest succession. 2016 , 52, 41-51	35
1004	Changes in biological and chemical properties of saline soil amended with municipal solid waste compost and chemical fertilizers in a mustardâpearl millet cropping system. 2016 , 140, 1-8	46
1003	The effect of altitudinal gradient on soil microbial community activity and structure in moso bamboo plantations. 2016 , 98, 213-220	33

1002	Contrasting effects of untreated textile wastewater onto the soil available nitrogen-phosphorus and enzymatic activities in aridisol. 2016 , 188, 102	14
1001	Effects of biochar and compost amendments on soil physico-chemical properties and the total community within a temperate agricultural soil. 2016 , 98, 243-253	137
1000	Role of different earthworms in a soil polluted with oxyfluorfen herbicide. Short-time response on soil biochemical properties. 2016 , 86, 39-44	11
999	Impact of litter contaminated with glyphosate-based herbicide on the performance of <i>Pontosclex corethrurus</i> , soil phosphatase activities and soil pH. 2016 , 104, 31-41	14
998	Nutrient management systems in turmeric: Effects on soil quality, rhizome yield and quality. 2016 , 85, 241-250	14
997	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. 2016 , 221, 60-70	10
996	Enzymatic activities and microbial biomass in peanut field soil as affected by the foliar application of tebuconazole. 2016 , 75, 1	19
995	Changes in phosphorus content, phosphatase activity and some physicochemical and microbiological parameters of soil within the range of impact of illegal dumping sites in Bydgoszcz (Poland). 2016 , 75, 1	12
994	Soil Characteristics Driving Arbuscular Mycorrhizal Fungal Communities in Semiarid Mediterranean Soils. 2016 , 82, 3348-3356	46
993	Biotic communities cannot mitigate the negative effects of grazing on multiple ecosystem functions and services in an arid shrubland. 2016 , 401, 381-395	8
992	Soil quality index as affected by different cropping systems in northwestern Himalayas. 2016 , 188, 161	18
991	Application of Organic Wastes in a Soil Polluted with Different Rates of Cr-Pb: Effects on Soil Biological Properties. 2016 , 47, 65-76	2
990	Biochar ameliorates crop productivity, soil fertility, essential oil yield and aroma profiling in basil (<i>Ocimum basilicum</i> L.). 2016 , 90, 361-366	44
989	The use of reed canary grass and giant miscanthus in the phytoremediation of municipal sewage sludge. 2016 , 23, 9505-17	34
988	Contribution of arbuscular mycorrhizal fungi in attenuation of heavy metal impact on <i>Calendula officinalis</i> development. 2016 , 101, 57-63	45
987	Chromogenic nitrophenolate-based substrates for light-driven hybrid P450 BM3 enzyme assay. 2016 , 158, 86-91	15
986	Activity of soil enzymes in constructed wetlands treated with swine wastewater. 2016 , 91, 24-30	33
985	Monitoring of soil biochemical quality parameters under greenhouse spinach cultivation through animal waste recycling. 2016 , 32, 407-418	7

984	Long-term effects of fertilization and manuring on productivity and soil biological properties under rice (Oryza sativa)âWheat (Triticum aestivum) sequence in Mollisols. 2016 , 1-14	12
983	Soil microbial functional capacity and diversity in a millet-shrub intercropping system of semi-arid Senegal. 2016 , 129, 71-79	21
982	The composition and depth of green roof substrates affect the growth of <i>Silene vulgaris</i> and <i>Lagurus ovatus</i> species and the C and N sequestration under two irrigation conditions. 2016 , 166, 330-40	24
981	Long-term atmospheric CO ₂ enrichment impact on soil biophysical properties and root nodule biophysics in chickpea (<i>Cicer arietinum</i> L.). 2016 , 75, 1-11	8
980	Three-year study of fast-growing trees in degraded soils amended with composts: Effects on soil fertility and productivity. 2016 , 169, 18-26	24
979	The effects of composting approaches on the emissions of anthropogenic volatile organic compounds: A comparison between vermicomposting and general aerobic composting. 2016 , 208, 600-7	20
978	Effects of dryingâWetwetting or freezingâThawing cycles on enzymatic activities of different Mediterranean soils. <i>Soil Biology and Biochemistry</i> , 2016 , 93, 142-149	7.5 14
977	Sustaining Productivity of Baby CornâRice Cropping System and Soil Health through Integrated Nutrient Management. 2016 , 47, 1-10	7
976	Field evaluation of the effectiveness of three industrial by-products as organic amendments for phytostabilization of a Pb/Zn mine tailings. 2016 , 18, 95-103	9
975	Availability of different nitrogen forms changes the microbial communities and enzyme activities in the rhizosphere of maize lines with different nitrogen use efficiency. 2016 , 98, 30-38	36
974	Effects of the biogenic gold nanoparticles on microbial community structure and activities. 2016 , 66, 785-794	15
973	Restoration of tropical peat soils: The application of soil microbiology for monitoring the success of the restoration process. 2016 , 216, 293-303	19
972	Synergistic effect of <i>Pseudomonas putida</i> and <i>Bacillus amyloliquefaciens</i> ameliorates drought stress in chickpea (<i>Cicer arietinum</i> L.). 2016 , 11, e1071004	99
971	Assessment of the potential role of <i>Streptomyces</i> strains in the revegetation of semiarid sites: the relative incidence of strain origin and plantation site on plant performance and soil quality indicators. 2016 , 52, 53-64	12
970	The ecological and physiological responses of the microbial community from a semiarid soil to hydrocarbon contamination and its bioremediation using compost amendment. 2016 , 135, 162-169	96
969	Spatio-temporal variations of soil properties in a plot scale: a case study of soil phosphorus forms and related enzymes. 2016 , 16, 62-76	7
968	Effect of biochar on the extractability of heavy metals (Cd, Cu, Pb, and Zn) and enzyme activity in soil. 2016 , 23, 974-84	307
967	Labile fractions of soil organic matter and microbial characteristics of soil under organic and conventional crop management systems. 2016 , 32, 1-6	5

966	Effect of Distillery Effluent, Biomethanated Spent Wash, on Microbial Activity Parameters in Soil Under Rice-Wheat Cropping System. 2017 , 87, 467-475	4
965	Use of phytoremediated sediments dredged in maritime port as plant nursery growing media. 2017 , 186, 225-232	21
964	Temporal responses of soil biological characteristics to organic inputs and mineral fertilizers under wheat cultivation in inceptisol. 2017 , 63, 35-47	7
963	Improvement of crop yield by phosphate-solubilizing <i>Aspergillus</i> species in organic farming. 2017 , 63, 24-34	5
962	Compost biofortification with diazotrophic and P-solubilizing bacteria improves maturation process and P availability. 2017 , 97, 949-955	10
961	Spatial Shifts in Soil Microbial Activity and Degradation of Pasture Cover Caused by Prolonged Exposure to Cement Dust. 2017 , 28, 1329-1335	11
960	Effect of inoculation with white-rot fungi and fungal consortium on the composting efficiency of municipal solid waste. 2017 , 61, 157-164	81
959	Impact of fertilization by natural manure on the microbial quality of soil: Molecular approach. 2017 , 24, 1437-1443	23
958	Effects of inoculation with organic-phosphorus-mineralizing bacteria on soybean (<i>Glycine max</i>) growth and indigenous bacterial community diversity. 2017 , 63, 392-401	5
957	Arbuscular mycorrhizal fungi inoculation mediated changes in rhizosphere bacterial community structure while promoting revegetation in a semiarid ecosystem. 2017 , 584-585, 838-848	42
956	Effect of Mycorrhiza, Organic Sources, Lime, Secondary and Micro-nutrients on Soil Microbial Activities and Yield Performance of Yam Bean (<i>Pachyrhizus erosus</i> L.) in Alfisols. 2017 , 48, 186-200	4
955	Contrasted effects of annual and perennial grasses on soil chemical and biological characteristics of a grazed Sudanian savanna. 2017 , 113, 155-165	6
954	Application of Landfill Leachate Improves Wheat Nutrition and Yield but Has Minor Effects on Soil Properties. 2017 , 46, 153-159	3
953	Seasonal Patterns of Microbial Community Structure and Enzyme Activities in Coastal Saline Soils of Perennial Halophytes. 2017 , 28, 1779-1790	23
952	Nutrient transformations in soil amended with rock phosphate enriched composts for improving productivity of wheat-green gram sequence. 2017 , 40, 1485-1506	1
951	Impact of Agri-Usable Nanocompounds on Soil Microbial Activity: An Indicator of Soil Health. 2017 , 45, 1600458	15
950	Long-term fertilisation regimes affect the composition of the alkaline phosphomonoesterase encoding microbial community of a vertisol and its derivative soil fractions. 2017 , 53, 375-388	99
949	Microbial taxa and functional genes shift in degraded soil with bacterial wilt. 2017 , 7, 39911	35

948	Effects of Garlic/Cucumber Relay Intercropping on Soil Enzyme Activities and the Microbial Environment in Continuous Cropping. 2017 , 52, 78-84	14
947	Phosphate solubilization and acid phosphatase activity of sp. isolated from mangrove soil of Mahanadi river delta, Odisha, India. 2017 , 15, 169-178	87
946	Phosphorus Availability and Some Biological Properties in the Bean (<i>Phaseolus vulgaris</i>) Rhizosphere. 2017 , 48, 501-510	4
945	Effect of biological soil crusts on microbial activity in soils of the Tengger Desert (China). 2017 , 144, 201-211	16
944	Functioning grouped soil microbial communities according to ecosystem type, based on comparison of fallows and meadows in the same region. 2017 , 599-600, 981-991	3
943	Phosphorus acquisition by three wheat cultivars contrasting in aluminium tolerance growing in an aluminium-rich volcanic soil. 2017 , 68, 305	20
942	Global patterns of phosphatase activity in natural soils. 2017 , 7, 1337	179
941	<i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> early recruitment and initial seedling growth in warmer and drier locations: the role of seed and soil provenance. 2017 , 218, 761-772	3
940	Evaluation of soil health in organic vs. conventional farming of basmati rice in North India. 2017 , 180, 389-406	44
939	Effect of Mixing Pine Needles Litters on Soil Biological Properties and Phosphorus Availability in Soil Amended with Fertilizers and Manures. 2017 , 48, 1052-1058	2
938	Seasonal dynamics of soil microbial activity after biochar addition in a dryland maize field in North-Western China. 2017 , 104, 141-149	17
937	Soil Biology Changes as a Consequence of Organic Amendments Subjected to a Severe Drought. 2017 , 28, 897-905	8
936	Contrasting effects of two mammalian soil engineers on microbial communities. 2017 , 42, 380-384	4
935	Soil type determines how root and rhizosphere traits relate to phosphorus acquisition in field-grown maize genotypes. 2017 , 412, 115-132	16
934	Differential sensitivity of total and active soil microbial communities to drought and forest management. 2017 , 23, 4185-4203	89
933	Water erosion and soil properties patterns along selected rainfall events in cultivated and abandoned terraced fields under renaturalisation. 2017 , 155, 114-126	15
932	The impacts of organic amendments: Do they confer stability against drought on the soil microbial community?. <i>Soil Biology and Biochemistry</i> , 2017 , 113, 173-183	7.5 43
931	Nanochitosan supports growth of <i>Zea mays</i> and also maintains soil health following growth. 2017 , 7, 81	43

930	Impact of secondary forest fallow period on soil microbial biomass carbon and enzyme activity dynamics under shifting cultivation in North Eastern Hill region, India. 2017 , 156, 10-17	9
929	Long-term negative phosphorus budgets in organic crop rotations deplete plant-available phosphorus from soil. 2017 , 37, 1	17
928	Water Quality Interaction with Alkaline Phosphatase in the Ganga River: Implications for River Health. 2017 , 99, 75-82	11
927	Seasonal variation of microbial activity as affected by tillage practice and sugar beet foam amendment under Mediterranean climate. 2017 , 117-118, 70-80	13
926	Effect of soil preparation techniques on the biochemical properties and microbial communities of a citrus orchard after replanting and conversion into organic management. 2017 , 119, 8-17	5
925	The influence of the wheat rhizosphere on phosphorus desorption kinetics in calcareous soils amended with municipal sewage sludge. 2017 , 34, 283-290	3
924	Alkaline phosphatase activity of a phosphate solubilizing <i>Alcaligenes faecalis</i> , isolated from Mangrove soil. 2017 , 1, 101-111	30
923	Use of C- and phosphate O-labeled substrate for studying phosphorus and carbon cycling in soils: a proof of concept. 2017 , 31, 969-977	5
922	Assessment of bacterial diversity associated with crude oil-contaminated soil samples from Assam. 2017 , 14, 2155-2172	6
921	Adaptive Soil Management : From Theory to Practices. 2017 ,	12
920	Biological response of a sandy soil treated with biochar derived from a halophyte (<i>Salicornia bigelovii</i>). 2017 , 114, 9-15	27
919	Evidence for increased P availability on wheel tracks 10 to 40 years after forest machinery traffic. 2017 , 297, 61-69	5
918	Striking alterations in the soil bacterial community structure and functioning of the biological N cycle induced by <i>Pennisetum setaceum</i> invasion in a semiarid environment. <i>Soil Biology and Biochemistry</i> , 2017 , 109, 176-187	7.5 32
917	Impact of Agricultural Management Practices on Mycorrhizal Functioning and Soil Microbiological Parameters Under Soybean-Based Cropping Systems. 2017 , 301-322	1
916	Growth promotion of peanut (<i>Arachis hypogaea</i> L.) and maize (<i>Zea mays</i> L.) plants by single and mixed cultures of efficient phosphate solubilizing bacteria that are tolerant to abiotic stress and pesticides. 2017 , 199, 98-109	36
915	Cross-compatibility evaluation of plant growth promoting rhizobacteria of coconut and cocoa on yield and rhizosphere properties of vegetable crops. 2017 , 9, 67-73	7
914	Comparison and standardization of soil enzyme assay for meaningful data interpretation. 2017 , 133, 32-34	11
913	Influence of Chromium Contamination on Carbon Mineralization and Enzymatic Activities in Vertisol. 2017 , 6, 91-96	42

912	A comparative study on the influence of different organic amendments on trace element mobility and microbial functionality of a polluted mine soil. 2017 , 188, 287-296	16
911	Anaerobic soil disinfestation reduces survival and infectivity of <i>Phytophthora nicotianae</i> chlamydospores in pepper. 2017 , 215, 38-48	20
910	Time-dependent effect of composted tannery sludge on the chemical and microbial properties of soil. 2017 , 26, 1366-1377	9
909	Understanding the influence of urbanization on invasibility: <i>Carpobrotus edulis</i> as an exemplar. 2017 , 19, 3601-3611	9
908	Humic substrates application in diluted form enhanced availability of phosphorus (P) and its uptake by tea bushes in the tea-growing soil of Northeast India. 2017 , 40, 2841-2849	4
907	Use of okara in the bioremediation of chlorpyrifos in soil: Effects on soil biochemical properties. 2017 , 121, 172-176	10
906	Response of <i>Vigna Unguiculata</i> Grown Under Different Soil Moisture Regimes to the Dual Inoculation with Nitrogen-Fixing Bacteria and Arbuscular Mycorrhizal Fungi. 2017 , 48, 1378-1386	8
905	Evaluation of long-term conservation agriculture and crop intensification in rice-wheat rotation of Indo-Gangetic Plains of South Asia: Carbon dynamics and productivity. 2017 , 90, 198-208	42
904	Soil biochemical properties and crop productivity following application of locally produced biochar at organic farms on Waldron Island, WA. 2017 , 136, 31-46	21
903	Ants as indicators of soil quality in an on-going recovery of riparian forests. 2017 , 404, 338-343	6
902	Evaluation of the content of Zn, Cu, Ni and Pb as well as the enzymatic activity of forest soils exposed to the effect of road traffic pollution. 2017 , 24, 23893-23902	12
901	Rhizosphere P composition, phosphatase and phytase activities of <i>Polygonum hydropiper</i> grown in excess P soils. 2017 , 53, 823-836	16
900	Variations in soil microbial community composition and enzymatic activities in response to increased N deposition and precipitation in Inner Mongolian grassland. 2017 , 119, 275-285	23
899	Alternative alert system for Ganga river eutrophication using alkaline phosphatase as a level determinant. 2017 , 82, 327-343	30
898	Modification of chemical properties, Cu fractionation and enzymatic activities in an acid vineyard soil amended with winery wastes: A field study. 2017 , 202, 167-177	2
897	Potential of miscanthus biochar to improve sandy soil health, in situ nickel immobilization in soil and nutritional quality of spinach. 2017 , 185, 1144-1156	39
896	Significance and pedogenic variability of phytogenic mounds on the Loess Plateau of China. 2017 , 146, 53-63	2
895	Effect of Primary Biomethanated Spentwash on Soil Properties, Nutrient Uptake, and Yield of Wheat on Sodic Soil. 2017 , 48, 963-976	2

894	Phylloplane bacteria of <i>Jatropha curcas</i> : diversity, metabolic characteristics, and growth-promoting attributes towards vigor of maize seedling. 2017 , 63, 822-833	5
893	Long-term agricultural activity affects anthropogenic soil on the Chinese Loess Plateau. 2017 , 9, 678-687	3
892	Phosphorus-Mobilizing Rhizobacterial Strain <i>Bacillus cereus</i> GS6 Improves Symbiotic Efficiency of Soybean on an Aridisol Amended with Phosphorus-Enriched Compost. 2017 , 27, 1049-1061	14
891	Microbial community structure and activity in trace element-contaminated soils phytomanaged by Gentle Remediation Options (GRO). 2017 , 231, 237-251	28
890	Inoculation of Arbuscular Mycorrhizal Fungi and Plant Growth Promoting Rhizobacteria in Modulating Phosphorus Dynamics in Turmeric Rhizosphere. 2017 , 40, 445-449	3
889	Phosphorus dynamics and solubilizing microorganisms in acid soils under different land uses of Lesser Himalayas of India. 2017 , 92, 449	3
888	Influence of a tropical grass (<i>Brachiaria brizantha</i> cv. Mulato) as cover crop on soil biochemical properties in a degraded agricultural soil. 2017 , 83, 84-90	11
887	Phosphorus uptake in four tree species under nitrogen addition in subtropical China. 2017 , 24, 20005-20014	10
886	Effect of river connectivity on hydrochemistry, sediment enzyme activity and biotic communities of wetlands. 2017 , 20, 140-150	5
885	Efficient Microorganism Compost Benefits Plant Growth and Improves Soil Health in <i>Calendula</i> and <i>Marigold</i> . 2017 , 3, 67-72	35
884	Effects of long-term cultivation of transgenic Bt rice (Kefeng-6) on soil microbial functioning and C cycling. 2017 , 7, 4647	15
883	Flazasulfuron behavior in a soil amended with different organic wastes. 2017 , 117-118, 81-87	13
882	Catalase and Phosphatase Activities During Hydrocarbon Removal from Oil-Contaminated Soil Amended with Agro-Industrial By-products and Macronutrients. 2017 , 228, 1	7
881	Interaction of compost additives with phosphate solubilizing rhizobacteria improved maize production and soil biochemical properties under dryland agriculture. 2017 , 174, 70-80	19
880	Dissipation of S-metolachlor in plant and soil and effect on enzymatic activities. 2017 , 189, 355	13
879	Mycorrhizal compatibility and symbiotic seed germination of orchids from the Coastal Range and Andes in south central Chile. 2017 , 27, 175-188	40
878	Effect of controlled release formulations of diuron and alachlor herbicides on the biochemical activity of agricultural soils. 2017 , 322, 334-347	27
877	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	7.5 61

876	Facile colorimetric assay of alkaline phosphatase activity using Fe(II)-phenanthroline reporter. 2017 , 950, 170-177	46
875	Effects of organic amendment on soil aggregation and microbial community composition during drying-rewetting alternation. 2017 , 574, 735-743	51
874	Impacts of protected colonial birds on soil microbial communities: When protection leads to degradation. <i>Soil Biology and Biochemistry</i> , 2017 , 105, 59-70	7.5 9
873	Phosphorus Supplying Capacity of Value Added Compost Prepared from Low-Grade Indian Rock Phosphates and Crop Residue. 2017 , 8, 2653-2662	9
872	The Impact of <i>Allolobophora mollerii</i> on Soil Biology Under Different Organic Amendments. 2017 , 28, 918-925	3
871	Effect of organic and inorganic sources of nutrients on soil microbial activity and soil organic carbon build-up under rice in west coast of India. 2017 , 63, 414-426	6
870	Impact of Wood Biochar and Its Interactions with Mycorrhizal Fungi, Phosphorus Fertilization and Irrigation Strategies on Potato Growth. 2017 , 203, 131-145	49
869	Exploitation of Orange Peel for Fungal Solubilization of Rock Phosphate by Solid State Fermentation. 2017 , 8, 1351-1360	9
868	Arbuscular mycorrhizal fungal assemblages in biological crusts from a Neotropical savanna are not related to the dominant perennial <i>Trachypogon</i> . 2017 , 575, 1203-1210	10
867	Soil textural class plays a major role in evaluating the effects of land use on soil quality indicators. 2017 , 74, 182-190	55
866	Bioaugmentation and rhizosphere-assisted biodegradation as strategies for optimization of the dissipation capacity of biobeds. 2017 , 187, 103-110	19
865	Toxicological effects of dimethomorph on soil enzymatic activity and soil earthworm (<i>Eisenia fetida</i>). 2017 , 169, 316-323	31
864	Application of acclimated sewage sludge as a bio-augmentation/bio-stimulation strategy for remediating chlorpyrifos contamination in soil with/without cadmium. 2017 , 579, 657-666	20
863	Phytoextraction of heavy metals from municipal sewage sludge by <i>Rosa multiflora</i> and <i>Sida hermaphrodita</i> . 2017 , 19, 309-318	23
862	Plant-plant competition outcomes are modulated by plant effects on the soil bacterial community. 2017 , 7, 17756	30
861	Identification of Minimum Data Set Under Balanced Fertilization for Sustainable Rice Production and Maintaining Soil Quality in Alluvial Soils of Eastern India. 2017 , 48, 2170-2192	4
860	Impact of poultry manure fertilization on chemical and biochemical properties of soils. 2017 , 63, 558-563	8
859	Effets du pflurage sur la biomasse herbacèe et sur des paramètres chimiques et biologiques des sols dans une savane arbustive au Burkina Faso. 2017 , 10, 2539	1

858	Impact of Transgenic Harboring the Antifungal Synthetic Chitinase (NiC) Gene on Rhizosphere Microbial Diversity and Enzyme Activities. 2017 , 8, 1307	9
857	Soil Biological Activity Contributing to Phosphorus Availability in Vertisols under Long-Term Organic and Conventional Agricultural Management. 2017 , 8, 1523	19
856	A Novel Multifunctional N-Acetylhexosaminidase Revealed through Metagenomics of an Oil-Spilled Mangrove. 2017 , 4,	10
855	Root and Rhizosphere Bacterial Phosphatase Activity Varies with Tree Species and Soil Phosphorus Availability in Puerto Rico Tropical Forest. 2017 , 8, 1834	31
854	The Effect of Re-Planting Trees on Soil Microbial Communities in a Wildfire-Induced Subalpine Grassland. 2017 , 8, 385	2
853	Comparisons of Soil Properties, Enzyme Activities and Microbial Communities in Heavy Metal Contaminated Bulk and Rhizosphere Soils of Robinia pseudoacacia L. in the Northern Foot of Qinling Mountain. 2017 , 8, 430	16
852	Effects of Pulp and Na-Bentonite Amendments on the Mobility of Trace Elements, Soil Enzymes Activity and Microbial Parameters under Ex Situ Aided Phytostabilization. 2017 , 12, e0169688	9
851	Expression and secretion of fungal endoglucanase II and chimeric cellobiohydrolase I in the oleaginous yeast Lipomyces starkeyi. 2017 , 16, 126	12
850	Densely rooted rhizosphere hotspots induced around subsurface NH ₄ ⁺ -fertilizer depots: a home for soil PGPMs?. 2017 , 4,	8
849	Integrated assessment of soil quality after application of the biogas fermentation residues in a laboratory experiment. 2017 , 22, 00176	1
848	Composting of sugar cane bagasse by Bacillus strains. 2017 , 16, 113-123	4
847	EFFECTO DE PRE-CULTIVOS HOSPEDEROS Y NO HOSPEDEROS EN EL CRECIMIENTO Y PROPIEDADES MICORRIZICAS DE TRIGO EN ANDISOL E INCEPTISOL DE CHILE. 2017 , 0-0	
846	Chemical, Biological, and Biochemical Parameters of the Soil P Cycle After Long-Term Pig Slurry Application in No-Tillage System. 2017 , 41,	7
845	Vegetative Composition, Arbuscular Mycorrhizal Fungi Root Colonization, and Biological Nitrogen Fixation Distinguish Organic and Conventional Perennial Forage Systems. 2017 , 109, 1697-1706	6
844	Characteristics and Mechanisms of Biosolubilization of Rock Phosphate by Aspergillus japonicus. 2017 , 60,	2
843	Impact of sugarcane bagasse-derived biochar on heavy metal availability and microbial activity: A field study. 2018 , 200, 274-282	168
842	Repeated treatments of ciprofloxacin and kresoxim-methyl alter their dissipation rates, biological function and increase antibiotic resistance in manured soil. 2018 , 628-629, 661-671	14
841	Temperature and aridity regulate spatial variability of soil multifunctionality in drylands across the globe. 2018 , 99, 1184-1193	24

840	The potential activity of soil extracellular enzymes as an indicator for ecological restoration of rangeland soils after agricultural abandonment. 2018 , 126, 140-147	54
839	Phosphorus enriched organic fertilizer, an effective P source for improving yield and bioactive principle of Senna (<i>Cassia angustifolia</i> Vhal.). 2018 , 115, 208-213	12
838	Effect of clonal integration on nitrogen cycling in rhizosphere of rhizomatous clonal plant, <i>Phyllostachys bissetii</i> , under heterogeneous light. 2018 , 628-629, 594-602	12
837	One-time phosphate fertilizer application to grassland columns modifies the soil microbiota and limits its role in ecosystem services. 2018 , 630, 849-858	51
836	Influence of Mycorrhizal Fungi and Microalgae Dual Inoculation on Basil Plants Performance. 2018 , 70, 99-107	4
835	<i>Pseudomonas putida</i> improved soil enzyme activity and growth of kasumbha under low input of mineral fertilizers. 2018 , 64, 520-525	10
834	Effects of conversion from a natural evergreen broadleaf forest to a Moso bamboo plantation on the soil nutrient pools, microbial biomass and enzyme activities in a subtropical area. 2018 , 422, 161-171	38
833	The influences of thorny bamboo growth on the bacterial community in badland soils of southwestern Taiwan. 2018 , 29, 2728-2738	2
832	Methodological recommendations for optimizing assays of enzyme activities in soil samples. <i>Soil Biology and Biochemistry</i> , 2018 , 125, 350-360	7.5 31
831	Increased associated effects of topography and litter and soil nutrients on soil enzyme activities and microbial biomass along vegetation successions in karst ecosystem, southwestern China. 2018 , 25, 16979-16990	20
830	Effect of balanced fertilizers on soil quality and lentil yield in Gangetic alluvial soils of India. 2018 , 156, 225-240	6
829	Influence of Zn, Cd, and Cu fractions on enzymatic activity of arable soils. 2018 , 190, 278	25
828	Plant biomass management impacts on short-term soil phosphorus dynamics in a temperate grassland. 2018 , 54, 397-409	14
827	Effect of nanozeolite and plant growth promoting rhizobacteria on maize. 2018 , 8, 141	42
826	Arbuscular mycorrhizal fungi alleviate abiotic stresses in potato plants caused by low phosphorus and deficit irrigation/partial root-zone drying. 2018 , 156, 46-58	30
825	Phosphorus-acquisition characteristics and rhizosphere properties of wild barley in relation to genotypic differences as dependent on soil phosphorus availability. 2018 , 423, 503-516	10
824	Impact of heavy metal on activity of some microbial enzymes in the riverbed sediments: Ecotoxicological implications in the Ganga River (India). 2018 , 150, 104-115	41
823	Carbon and Nitrogen Sequestration Potential of Mediterranean Green Roofs Prototypes. 2018 , 85-102	1

822	Higher phylogenetic diversity prevents loss of functional diversity caused by successive drying and rewetting cycles. 2018 , 111, 1033-1045		2
821	Effects of UV radiation and rainfall reduction on leaf and soil parameters related to C and N cycles of a Mediterranean shrubland before and after a controlled fire. 2018 , 424, 503-524		9
820	Composting as a sustainable option for managing biomass of aquatic weed Pistia: A biological hazard to aquatic system. 2018 , 177, 803-812		15
819	On the history and future of soil organic phosphorus research: a critique across three generations. 2018 , 69, 86-94		14
818	Mutual relations between PAHs derived from atmospheric deposition, enzymatic activity, and humic substances in soils of differently urbanized areas. 2018 , 18, 2682-2691		15
817	Citric acid loaded nano clay polymer composite for solubilization of Indian rock phosphates: a step towards sustainable and phosphorus secure future. 2018 , 64, 1564-1581		7
816	Cross-laboratory comparison of fluorimetric microplate and colorimetric bench-scale soil enzyme assays. <i>Soil Biology and Biochemistry</i> , 2018 , 121, 240-248	7.5	16
815	The effect of different copper doses and organic fertilisation on soil enzymatic activity. 2020 , 66, 93-98		4
814	Which quality indicators reflect the most sensitive changes in the soil properties of the surface horizons affected by the erosion processes?. 2020 , 15, 116-124		4
813	The effect of pH and ageing on the fate of CuO and ZnO nanoparticles in soils. 2020 , 721, 137771		21
812	Effects of Dazomet Fumigation on Soil Phosphorus and the Composition of Harboring Microbial Communities. 2020 , 68, 5049-5058		8
811	Effects of seasonal and decadal warming on soil enzymatic activity in a P-deficient Mediterranean shrubland. 2020 , 26, 3698-3714		20
810	Rooting behaviour and soil properties in different bamboo species of Western Himalayan Foothills, India. 2020 , 10, 4966		17
809	Soil carbon dynamics in Indian Himalayan intensified organic rice-based cropping sequences. 2020 , 114, 106292		13
808	Temporal effects of thinning on soil organic carbon pools, basal respiration and enzyme activities in a Mediterranean Holm oak forest. 2020 , 464, 118088		12
807	Long-term impact of diversified crop rotations and nutrient management practices on soil microbial functions and soil enzymes activity. 2020 , 114, 106322		20
806	Soil Chemical and Biological Activities under Vegetable Intensive Colocasia-based Cropping System in Indian Sub-Himalayas. 2020 , 51, 948-962		
805	Effects of spent mushroom substrate on the dissipation of polycyclic aromatic hydrocarbons in agricultural soil. 2020 , 259, 127462		13

804	Coculture with two <i>Bacillus velezensis</i> strains enhances the growth of <i>Anoectochilus</i> plants via promoting nutrient assimilation and regulating rhizosphere microbial community. 2020 , 154, 112697	10
803	Changes of root microbial populations of natively grown plants during natural attenuation of V-Ti magnetite tailings. 2020 , 201, 110816	4
802	Seasonal variation of rhizospheric soil properties under different land use systems at lower Shivalik foothills of Punjab, India. 2020 , 94, 1959-1976	11
801	Microhabitat heterogeneity associated with <i>Vanilla</i> spp. and its influences on the microbial community of leaf litter and soil. 2020 , 2, 195-208	0
800	Characteristics and in situ remediation effects of heavy metal immobilizing bacteria on cadmium and nickel co-contaminated soil. 2020 , 192, 110294	32
799	Biochar amendment increases soil microbial biomass and plant growth and suppresses <i>Fusarium</i> wilt in tomato. 2020 , 45, 73-83	12
798	Arbuscular mycorrhizal fungi promote the growth of plants in the mining associated clay. 2020 , 10, 2663	9
797	The Influence of Tillage and Cover Cropping on Soil Microbial Parameters and Spring Wheat Physiology. 2020 , 10, 200	16
796	Co-composting and vermicomposting of coal fly-ash with press mud: Changes in nutrients, micro-nutrients and enzyme activities. 2020 , 18, 100708	24
795	Dynamics of phosphorus speciation and the <i>phoD</i> phosphatase gene community in the rhizosphere and bulk soil along an estuarine freshwater-oligohaline gradient. 2020 , 365, 114236	18
794	Responses of soil microbiota and nematodes to application of organic and inorganic fertilizers in grassland columns. 2020 , 56, 647-662	9
793	Environmentally relevant concentrations of silver nanoparticles diminish soil microbial biomass but do not alter enzyme activities or microbial diversity. 2020 , 391, 122224	19
792	Phosphorus-solubilizing <i>Trichoderma</i> spp. from Amazon soils improve soybean plant growth. 2020 , 10, 2858	45
791	The Influence of Bio-Stimulants and Foliar Fertilizers on Yield, Plant Features, and the Level of Soil Biochemical Activity in White Lupine (<i>Lupinus albus</i> L.) Cultivation. 2020 , 10, 150	16
790	Potential of Organic Nutrient Sources for Improving Yield and Bioactive Principle of Ashwagandha (<i>Withania Somnifera</i>) through Enhanced Soil Fertility and Biological Functions. 2020 , 51, 779-793	7
789	Effect of Arbuscular Mycorrhizal Fungi and Phosphate-Solubilizing Bacteria Consortia Associated with Phospho-Compost on Phosphorus Solubilization and Growth of Tomato Seedlings (<i>Solanum lycopersicum</i> L.). 2020 , 51, 622-634	15
788	Phosphorus facilitation and covariation of root traits in steppe species. 2020 , 226, 1285-1298	30
787	Thinning drives C:N:P stoichiometry and nutrient resorption in <i>Larix principis-rupprechtii</i> plantations in North China. 2020 , 462, 117984	9

786	Tolerance to low phosphorus in rice varieties is conferred by regulation of root growth. 2020 , 8, 534-547	9
785	How fully productive olive trees (<i>Olea europaea</i> L., cv. 'Chondrolia Chalkidikis') manage to over-satisfy their P nutritional needs under low Olsen P availability in soils?. 2020 , 265, 109251	5
784	Influence of field pea (<i>Pisum sativum</i> L.) as catch crop cultivated for green manure on soil phosphorus and P-cycling enzyme activity. 2020 , 66, 1570-1582	5
783	In-vitro evaluation of rice straw biochars' effect on bispyribac-sodium dissipation and microbial activity in soil. 2020 , 191, 110204	4
782	Addition of fructose to the maize hyphosphere increases phosphatase activity by changing bacterial community structure. <i>Soil Biology and Biochemistry</i> , 2020 , 142, 107724	7.5 9
781	Comparative effects of the recovery from sulfuric and nitric acid rain on the soil enzyme activities and metabolic functions of soil microbial communities. 2020 , 714, 136788	13
780	Endophytes associated with Himalayan silver birch (<i>Betula utilis</i> D. Don) roots in relation to season and soil parameters. 2020 , 149, 103513	5
779	Arbuscular mycorrhizal fungi biofertilizer improves American ginseng (<i>Panax quinquefolius</i> L.) growth under the continuous cropping regime. 2020 , 363, 114155	34
778	Land use affects temperature sensitivity of soil organic carbon decomposition in macroaggregates but not in bulk soils in subtropical Oxisols of Queensland, Australia. 2020 , 198, 104566	3
777	Effects of PGPR microbial inoculants on the growth and soil properties of <i>Avena sativa</i> , <i>Medicago sativa</i> , and <i>Cucumis sativus</i> seedlings. 2020 , 199, 104577	36
776	Evaluating the influence of raw materials on the behavior of nitrogen fractions in composting processes on an industrial scale. 2020 , 303, 122945	4
775	Thistle crops in marginal lands after compost addition: Plant biomass and effect on soil physical, chemical and biological properties. 2020 , 31, 1167-1175	4
774	Effect of Long-Term Integrated Nutrient Management (INM) Practices on Soil Nutrients Availability and Enzymatic Activity under Acidic Inceptisol of North-Eastern Region of India. 2020 , 51, 1137-1149	4
773	The responses of soil bacterial communities and enzyme activities to the edaphic properties of coal mining areas in Central China. 2020 , 15, e0231198	10
772	Temporal change in soil physicochemical, microbial, aggregate and available C characteristic in dry tropical ecosystem. 2020 , 190, 104553	7
771	Soil Analysis: Recent Trends and Applications. 2020 ,	5
770	The spatial pattern and seasonal changes in the soil phosphorus content in relation to the phosphatase activity: a case study of Luvisols. 2020 , 66, 1583-1597	4
769	Effect of long-term plant biomass management on phosphatase-producing bacterial populations in soils under temperate grassland. 2020 , 151, 103583	2

768	Allelopathic interference of the exotic naturalized <i>Paspalum dilatatum</i> Poir. threatens diversity of native plants in urban gardens. 2020 , 266, 151593	3
767	Lime equivalence of organic manures and scope of their utilization as acid soil amendments. 2021 , 67, 660-674	1
766	Tradeoffs among phosphorus-acquisition root traits of crop species for agroecological intensification. 2021 , 461, 137-150	13
765	Secondary enrichment of soil by alkaline emissions: The specific form of anthropo-geogenic soil degradation near magnesite processing factories and possibilities of land management. 2021 , 32, 881-895	0
764	Genome sequence of an uncharted halophilic bacterium <i>Robertkochia marina</i> with deciphering its phosphate-solubilizing ability. 2021 , 52, 251-256	2
763	Wheat root trait plasticity, nutrient acquisition and growth responses are dependent on specific arbuscular mycorrhizal fungus and plant genotype interactions. 2021 , 256, 153297	3
762	Mobilization of recalcitrant phosphorous and enhancement of pepper P uptake and yield by a new biocontrol and bioremediation bacterium <i>Burkholderia cepacia</i> CQ18. 2021 , 130, 1935-1948	1
761	Optimization of EDTA and citric acid for risk assessment in the remediation of lead contaminated soil. 2021 , 17, 100277	4
760	Synergistic effect of organo-mineral amendments and plant growth-promoting rhizobacteria (PGPR) on the establishment of vegetation cover and amelioration of mine tailings. 2021 , 262, 127803	19
759	Impact of transgenic sugarcane overexpressing <i>SoSPS1</i> gene on bacterial diversity, enzyme activity and minerals content in soil rhizosphere. 2021 , 24, 61-69	1
758	Organic manures and biostimulants fostered soil health and increased the harvest quality of the medicinal herb ashwagandha. 2021 , 113, 504-514	2
757	River ecosystem resilience risk index: A tool to quantitatively characterize resilience and critical transitions in human-impacted large rivers. 2021 , 268, 115771	6
756	Key driving factors of selenium-enriched soil in the low-Se geological belt: A case study in Red Beds of Sichuan Basin, China. 2021 , 196, 104926	18
755	Salt-tolerant plant growth-promoting <i>Bacillus pumilus</i> strain JPVS11 to enhance plant growth attributes of rice and improve soil health under salinity stress. 2021 , 242, 126616	30
754	Relative roles of Arbuscular Mycorrhizae in establishing a correlation between soil properties, carbohydrate utilization and yield in <i>Cicer arietinum</i> L. under As stress. 2021 , 207, 111196	10
753	Allelopathy of uncomposted and composted invasive aster (<i>Ageratina adenophora</i>) on ryegrass. 2021 , 402, 123727	3
752	Indicators of integrative recovery of vegetation, soil and microclimate in successional fields of a tropical dry forest. 2021 , 479, 118526	6
751	Application of olive mill waste-based biochars in agriculture: Impact on soil properties, enzymatic activities and tomato growth. 2021 , 755, 142531	32

750	Trichoderma strains accelerate maturation and increase available phosphorus during vermicomposting enriched with rock phosphate. 2021 , 130, 1208-1216	2
749	An evaluation of selected chemical, biochemical, and biological parameters of soil enriched with vermicompost. 2021 , 28, 8117-8127	2
748	Mobilization of soil inorganic phosphorus and stimulation of crop phosphorus uptake and growth induced by Ceriporia lacerata HG2011. 2021 , 383, 114690	6
747	The adsorbent capacity of growing media does not constrain myo-inositol hexakiphosphate hydrolysis but its use as a phosphorus source by plants. 2021 , 459, 277-288	5
746	Effects of native leaf litter amendments on phosphorus mineralization in temperate floodplain soils. 2021 , 266, 129210	0
745	Combined ozonation and solarization for the removal of pesticides from soil: Effects on soil microbial communities. 2021 , 758, 143950	5
744	Microbial diversity and activity assessment in a 100-year-old lead mine. 2021 , 410, 124618	6
743	Variation in Soil Microbial Population and Soil Enzymatic Activities Under Zincated Nanoclay Polymer Composites (ZNCPCs), Nano-ZnO and Zn Solubilizers in Rice Rhizosphere. 2021 , 10, 21-31	6
742	Six years of conservation agriculture and nutrient management in maize-mustard rotation: Impact on soil properties, system productivity and profitability. 2021 , 260, 108002	5
741	Effects of field scale in situ biochar incorporation on soil environment in a tropical highly weathered soil. 2021 , 272, 116009	10
740	Intensive short-duration rotational grazing is associated with improved soil quality within one year after establishment in Colombia. 2021 , 159, 103835	15
739	In situ aerobic composting eliminates the toxicity of Ageratina adenophora to maize and converts it into a plant- and soil-friendly organic fertilizer. 2021 , 410, 124554	2
738	Prospective usage of magnesium potassium phosphate cement combined with Bougainvillea alba derived biochar to reduce Pb bioavailability in soil and its uptake by Spinacia oleracea L. 2021 , 208, 111723	70
737	Land application of sewage sludge: Response of soil microbial communities and potential spread of antibiotic resistance. 2021 , 271, 116317	11
736	Applying both biochar and phosphobacteria enhances Vigna mungo L. growth and yield in acid soils by increasing soil pH, moisture content, microbial growth and P availability. 2021 , 308, 107258	11
735	Assessing local acid mine drainage impacts on natural regeneration-revegetation of Sã Domingos mine (Portugal) using a mineralogical, biochemical and textural approach. 2021 , 755, 142825	7
734	Short-Term Aging of Pod-Derived Biochar Reduces Soil Cadmium Mobility and Ameliorates Cadmium Toxicity to Soil Enzymes and Tomato. 2021 , 40, 3306-3316	2
733	Use of compost and phosphate-solubilizing bacteria affect sugarcane mineral nutrition, phosphorus availability, and the soil bacterial community. 2021 , 157, 103760	27

732	Role of lignin and thermophilic lignocellulolytic bacteria in the evolution of humification indices and enzymatic activities during compost production. 2021 , 119, 122-134	16
731	Influence of tillage based crop establishment and residue management practices on soil quality indices and yield sustainability in rice-wheat cropping system of Eastern Indo-Gangetic Plains. 2021 , 206, 104841	10
730	Effect of Nutrient Management on $\delta^{15}\text{N}$, $\delta^{13}\text{C}$ Isotopes and Enzyme Activities in Higher Altitude Agricultural Soils, India. 2021 , 38, 174-180	
729	Effects of different long-term cropping systems on phoD-harboring bacterial community in red soils. 2021 , 21, 376-387	2
728	Molecular Detection and Exploration of Diversity Among Fungal Consortium Involved in Phosphate Solubilization. 2021 , 38, 29-35	
727	Bioconversion of lawn waste amended with kitchen waste and buffalo dung in to value-added vermicompost using <i>Eisenia foetida</i> to alleviate landfill burden. 2021 , 23, 358-370	0
726	Degradation of imazethapyr in soil: impact of application rate, soil physicochemical properties and temperature. 1	2
725	Long-term application of manure reduced nutrient leaching under heavy N deposition. 2021 , 119, 153-162	0
724	The nutrient-improvement bacteria selected by <i>Agave lechuguilla</i> T. and their role in the rhizosphere community. 2021 , 97,	0
723	Influence of organic amendments on acidic soil responsive crop groundnut (<i>Arachis hypogaea</i> L.). 2021 , 40, e13592	0
722	Plant uptake of legacy phosphorus from soils without P fertilization. 2021 , 119, 139-151	5
721	Screening, Identification and Growth-Promotion Products of Multifunctional Bacteria in a Chinese Fir Plantation. 2021 , 12, 120	4
720	Dual Microbial Inoculation, a Game Changer? - Bacterial Biostimulants With Multifunctional Growth Promoting Traits to Mitigate Salinity Stress in Spring Mungbean. 2020 , 11, 600576	12
719	Impact of drying-wetting cycles and organic amendments on phosphorus speciation of paddy soil. 2021 ,	0
718	The influence of heavy metals on biological soil quality assessments in the <i>Vaccinium myrtillus</i> L. rhizosphere under different field conditions. 2021 , 30, 292-310	6
717	Effect of Lime, Inorganic and Organic Sources on Soil Quality and Yield and Proximate Composition of Elephant Foot Yam - Black Gram System in Alfisols. 2021 , 52, 635-650	
716	Type of Soil Pollutant and Their Degradation: Methods and Challenges. 2021 , 3103-3134	
715	Indigenous Plant Growth Promoting Rhizobacteria and Chemical Fertilizers: Impact on Soil Health and Productivity of Capsicum (<i>Capsicum Annuum</i> L.) in North Western Himalayan Region. 2021 , 52, 948-963	2

714	Effect of Heavy Metal Contamination on Soil Enzymes Activities. 2021 , 09, 135-154	1
713	Effect of Seed Bio-priming with <i>Trichoderma viride</i> Strain BHU-2953 for Enhancing Soil Phosphorus Solubilization and Uptake in Soybean (<i>Glycine max</i>). 2021 , 21, 1041-1052	5
712	Effects of Peanut Shell Biochar on Soil Nutrients, Soil Enzyme Activity, and Rice Yield in Heavily Saline-Sodic Paddy Field. 2021 , 21, 655-664	7
711	Bringing function to structure: Root-soil interactions shaping phosphatase activity throughout a soil profile in Puerto Rico. 2021 , 11, 1150-1164	10
710	Soil pH, nitrogen, phosphatase and urease activities in response to cover crop species, termination stage and termination method. 2021 , 7, e05980	2
709	Larger aboveground neighbourhood scales maximise similarity but do not eliminate discrepancies with belowground plant diversity in a Mediterranean shrubland. 2021 , 460, 497-509	0
708	Biological Restoration of Urban Soils after De-Sealing Interventions. 2021 , 11, 190	1
707	Effects of Organic Amendments on Enzymes Activities in a Calcareous Sandy Soil. 2021 , 54, 271-284	1
706	Herbicide-Mediated Effects on Soil Microbes, Enzymes and Yield in Direct Sown Rice. 1	
705	Soil microbial communities influencing organic phosphorus mineralization in a coastal dune chronosequence in New Zealand. 2021 , 97,	4
704	Restructuring the Cellular Responses: Connecting Microbial Intervention With Ecological Fitness and Adaptiveness to the Maize (<i>L.</i>) Grown in Saline-Sodic Soil. 2020 , 11, 568325	6
703	Use of biostimulants obtained from okara in the bioremediation of soils polluted by imazamox. 1-11	1
702	Microbial inoculants modulate growth traits, nutrients acquisition and bioactive compounds accumulation of <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja under degraded field condition. 2021 , 482, 118897	5
701	Comparative assessment of P adsorption, release kinetics, enzymatic activities of weathered fly ash amended texturally different soils. 1	1
700	Soil ecoenzymatic stoichiometry and microbial resource limitation driven by thinning practices and season types in <i>Larix principis-rupprechtii</i> plantations in North China. 2021 , 482, 118880	4
699	Short-term Effect of Eucalyptus Wood-based Compost on Biological Fertility of Soils under Avocado Plantations. 2021 , 52, 1574-1589	1
698	Enzymatic Activity and Its Relationship with Organic Matter Characterization and Ecotoxicity to of Soil Samples Exposed to Tetrabutylphosphonium Bromide. 2021 , 21,	3
697	Diversity of microbial phototrophs and heterotrophs in Icelandic biocrusts and their role in phosphorus-rich Andosols. 2021 , 386, 114905	2

696	Soil stabilization/solidification (S/S) agent--water-soluble thiourea formaldehyde (WTF) resin: Mechanism and performance with cadmium (II). 2021 , 272, 116025	6
695	Effects of Heavy Metals on Phosphatase Enzyme Activity and Indole-3-Acetic Acid (IAA) Production of Phosphate Solubilizing Bacteria. 2021 , 38, 494-503	3
694	The Effects of Various Doses and Types of Effective Microorganism Applications on Microbial and Enzyme Activity of Medium and the Photosynthetic Activity of Scarlet Sage. 2021 , 11, 603	2
693	Interactions between soil microbial communities and agronomic behavior in a mandarin crop subjected to water deficit and irrigated with reclaimed water. 2021 , 247, 106749	4
692	Effect of Long-Term Organic Fertilization in Flooded Rice Soil on Phosphorus Transformation and Phosphate Solubilizing Microorganisms. 2021 , 21, 1368-1381	3
691	Enhancement of growth and yield, leaching reduction in <i>Triticum aestivum</i> using biogenic synthesized zinc oxide nanofertilizer. 2021 , 32, 101938	15
690	Environmental factors controlling vegetation attributes, soil nutrients and hydrolases in South Mediterranean arid grasslands. 2021 , 161, 106155	3
689	Young navel orange rootstock improves phosphorus absorption from poorly soluble pools through rhizosphere processes. 2021 , 17, 100316	2
688	Illumina based high throughput analysis of microbial diversity of maize rhizosphere treated with nanocompounds and <i>Bacillus</i> sp.. 2021 , 159, 103836	17
687	New Functions of HG2011: Mobilization of Soil Nitrogen and Phosphorus and Enhancement of Yield and Quality of Ketchup-Processing Tomato. 2021 , 69, 4056-4063	3
686	Potential of cotton for remediation of Cd-contaminated soils. 2021 , 193, 186	2
685	Effect of microplastics and arsenic on nutrients and microorganisms in rice rhizosphere soil. 2021 , 211, 111899	43
684	Developing Soil Quality Indices for different crop rotations of Deltaic Inceptisol regions of India. 1-14	0
683	Spatial and Temporal Distribution of Soil Microbial Properties in Two Shrub Intercrop Systems of the Sahel. 2021 , 5,	0
682	A Rhizogenic Biostimulant Effect on Soil Fertility and Roots Growth of Turfgrass. 2021 , 11, 573	6
681	Long-Term Effect of Various Organic and Inorganic Nutrient Sources on Rice Yield and Soil Quality in West Coast India Using Suitable Indexing Techniques. 2021 , 52, 1819-1833	2
680	Zincated Nanoclay Polymer Composite (ZNCPC): Effect on DTPA-Zn, Olsen-P and Soil Enzymatic Activities in Rice Rhizosphere. 2021 , 52, 2032-2044	
679	Eco-restoration of degraded lands through trees and grasses improves soil carbon sequestration and biological activity in tropical climates. 2021 , 162, 106176	4

678	Organic management of Chinese potato: growth, yield, quality, soil health, and economics. 2021 , 27, 585-603	
677	Root Endophytes Associated with Apple Grown in Himachal Pradesh, in Relation to Altitude, Season, and Soil Parameters. 2021 , 91, 549-556	
676	Cultivable and metagenomic approach to study the combined impact of nanogypsum and <i>Pseudomonas taiwanensis</i> on maize plant health and its rhizospheric microbiome. 2021 , 16, e0250574	9
675	Improvement of dragonhead (<i>Dracocephalum moldavica</i> L.) yield quality through a coupled intercropping system and vermicompost application along with maintenance of soil microbial activity. 2021 , 32, 2833-2848	10
674	Interactive impacts of boron and organic amendments in plant-soil microbial relationships. 2021 , 408, 124939	9
673	Succession of the Resident Soil Microbial Community in Response to Periodic Inoculations. 2021 , 87,	10
672	Biochar Improves Soil-Tomato Plant, Tomato Production, and Economic Benefits under Reduced Nitrogen Application in Northwestern China. 2021 , 10,	9
671	Evergreen fruit crops improve carbon pools, enzymes and nutrient availability in soil over deciduous ones under subtropical conditions. 2021 , 52, 1864-1878	2
670	Do moisture conservation practices influence stability of soil organic carbon and structure?. 2021 , 199, 105127	3
669	Seed Priming and Coating by Nano-Scale Zinc Oxide Particles Improved Vegetative Growth, Yield and Quality of Fodder Maize (<i>Zea mays</i>). 2021 , 11, 729	17
668	Pearl millet genotype impacts microbial diversity and enzymatic activities in relation to root-adhering soil aggregation. 2021 , 464, 109	4
667	Evaluation of <i>Bacillus</i> seed coatings on soybean phosphorus uptake in an oxisol fertilized with ³² P-labeled hydroxyapatite. 2021 , 464, 273	
666	Microbial Biomass Carbon, Activity of Soil Enzymes, Nutrient Availability, Root Growth, and Total Biomass Production in Wheat Cultivars under Variable Irrigation and Nutrient Management. 2021 , 11, 669	3
665	Efficacy of chitosan-coated textile waste biochar applied to Cd-polluted soil for reducing Cd mobility in soil and its distribution in moringa (<i>Moringa oleifera</i> L.). 2021 , 284, 112047	65
664	Changes in soil phosphorus availability and associated microbial properties after chicken farming in Lei bamboo (<i>Phyllostachys praecox</i>) forest ecosystems. 2021 , 32, 3008-3022	1
663	Tolerance to low phosphorus was enhanced by an alternate wetting and drying regime in rice. 2021 , 10, e294	1
662	Combined Effects of Wildfire and Vegetation Cover Type on Volcanic Soil (Functions and Properties) in A Mediterranean Region: Comparison of Two Soil Quality Indices. 2021 , 18,	5
661	Mixed cropping of maize or sorghum with legumes as affected by long-term phosphorus management. 2021 , 265, 108120	3

660	Green remediation of toxic metals contaminated mining soil using bacterial consortium and <i>Brassica juncea</i> . 2021 , 277, 116789	23
659	Application of enzymes as a diagnostic tool for soils as affected by municipal solid wastes. 2021 , 286, 112169	4
658	Effect of forest fire on soil microbial biomass and enzymatic activity in oak and pine forests of Uttarakhand Himalaya, India. 2021 , 10,	3
657	Effect of Date Biochar Pyrolyzed at Different Temperature on Physiochemical Properties of Sandy Soil and Wheat Crop Response. 2021 , 52, 2110-2124	2
656	Calcite in combination with olive pulp biochar reduces Ni mobility in soil and its distribution in chili plant. 2021 , 1-11	58
655	Build Your Own Mushroom Soil: Microbiota Succession and Nutritional Accumulation in Semi-Synthetic Substratum Drive the Fructification of a Soil-Saprotrophic Morel. 2021 , 12, 656656	6
654	Changes of acid and alkaline phosphatase activities in long-term chemical fertilization are driven by the similar soil properties and associated microbial community composition in acidic soil. 2021 , 104, 103312	6
653	Fractions of Ni, Pb, Cr, and Their Impact on Enzyme Activities of Arable Land Cultivated by the Simplified Method. 2021 , 11, 584	0
652	Comparing Soil Chemical and Biological Properties of Salt Affected Soils under Different Land Use Practices in Hungary and India. 2021 , 54, 1007-1018	1
651	The Impact of Overstory Species and Soil Properties on the Growth of Planted Silver Fir <i>Abies alba</i> in the Karkonosze Mountains, Poland. 2021 , 69,	
650	Influence of Compost from Post-Consumer Wood on Development, Nutrition State of Plants, Microbiological and Biochemical Parameters of Substrates in Zonal <i>Pelargonium</i> (<i>Pelargonium zonale</i>). 2021 , 11, 994	4
649	Reducing environmental risk by improving crop management practices at high crop yield levels. 2021 , 265, 108123	6
648	The Effects of Biochar on Indigenous Arbuscular Mycorrhizae Fungi from Agroenvironments. 2021 , 10,	2
647	Solubilización de fosfatos por bacterias del género <i>Burkholderia</i> aisladas de oxisoles de la altillanura colombiana. 2021 , 22,	0
646	Mixed Growth with Weeds Promotes Mycorrhizal Colonization and Increases the Plant-Availability of Phosphorus under Maize (<i>Zea mays</i> L.). 2021 , 11, 1304	2
645	Plant Biostimulants: A Categorical Review, Their Implications for Row Crop Production, and Relation to Soil Health Indicators. 2021 , 11, 1297	10
644	Restricts Sugar Loss to a Colonizing Strain by Downregulating and and Upregulation of and in the Roots. 2021 , 9,	1
643	Drivers controlling spatial and temporal variation of microbial properties and dissolved organic forms (DOC and DON) in fen soils with persistently low water tables. 2021 , 27, e01605	4

642	Effect of microorganism on behaviour of two commonly used herbicides in wheat/soil system. 2021 , 162, 103879	7
641	Effects of stand features and soil enzyme activity on spontaneous pedunculate oak regeneration in Scots pine dominated stands âimplication for forest management. 2021 , 8,	
640	Use of Slaughterhouse Sludge in the Bioremediation of an Oxyfluorfen-Polluted Soil. 2021 , 15, 723-731	2
639	Biofumigation With Pellets of Defatted Seed Meal of Brassica carinata: Factors Affecting Performance Against Phytophthora nicotianae in Pepper Crops. 2021 , 5,	1
638	Soil organic carbon, aggregate stability and biochemical activity under tilled and no-tilled agroecosystems. 2021 , 4, 100139	3
637	Modified universal buffer does not necessarily maintain soil enzyme assay pH. 2021 , 57, 869-872	1
636	Interactions between below-ground traits and rhizosphere fungal and bacterial communities for phosphorus acquisition. 2021 , 35, 1603-1619	3
635	Do methanotrophs drive phosphorus mineralization in soil ecosystem?. 2021 , 67, 464-475	
634	Soil enzymatic activity data over eight years at the EFELE site, a long-term field experiment on effects of organic waste products and tillage practices. 2021 , 36, 106959	0
633	Impact of variable tillage based residue management and legume based cropping for seven years on enzymes activity, soil quality index and crop productivity in rice ecology. 2021 , 10, 100107	2
632	Is sewage sludge a valuable fertilizer? A soil microbiome and resistome study under field conditions. 2021 , 21, 2882	2
631	Improving soil organic carbon and microbial functionality through different rice straw management approaches in riceâwheat cropping sequence. 1	0
630	Quarry restoration treatments from recycled waste modify the physicochemical soil properties, composition and activity of bacterial communities and priming effect in semi-arid areas. 2021 , 774, 145693	6
629	The impact of biochar, lime and fertilizer on soil acidity and microbiological properties and their relationship with yield of rice and cowpea in an acidic soil of Southern India. 1-11	2
628	Effects of Cover Crop and Tillage Method Combinations on the Microbiological Traits of Spring Wheat (Triticum aestivum L.). 2021 , 11, 1390	1
627	Pyrogenic conversion of rice straw and wood to biochar increases aromaticity and carbon accumulation in soil. 2021 , 12, 385-397	3
626	Citrus Residue Enhances the Effectiveness of Beef Cattle Manure Improving the Phosphorus Availability in Acidic Andisol. 1-15	1
625	Specific biotests to assess eco-toxicity of biodegradable polymer materials in soil. 2021 , 105, 150-162	3

624	Rhizosphere mediated growth enhancement using phosphate solubilizing rhizobacteria and their tri-calcium phosphate solubilization activity under pot culture assays in Rice (). 2021 , 28, 3692-3700	3
623	Arbuscular mycorrhizal fungi and pistachio husk biochar combination reduces Ni distribution in mungbean plant and improves plant antioxidants and soil enzymes. 2021 , 173, 418-429	27
622	Long-term changes in land use influence phosphorus concentrations, speciation, and cycling within subtropical soils. 2021 , 393, 115010	5
621	Effects of Different Tillage Intensities on Physicochemical and Microbial Properties of a Eutric Fluvisol Soil. 2021 , 11, 1497	4
620	Spatiotemporal variations and relationships of phosphorus, phosphomonoesterases, and bacterial communities in sediments from two Chilean rivers. 2021 , 776, 145782	2
619	Plant and soil microbial community responses to different water management strategies in an almond crop. 2021 , 778, 146148	4
618	Temporal changes in soil biochemical properties with seasons under rainfed land use systems in Shiwalik foothills of northwest India. 1	
617	Effects of different fertilizers on some soil enzymes activity and chlorophyll contents of two cotton (<i>G. hirsutum</i> L.) varieties grown in a saline and non-saline soil. 1-12	1
616	Beneficial Features of Biochar and Arbuscular Mycorrhiza for Improving Spinach Plant Growth, Root Morphological Traits, Physiological Properties, and Soil Enzymatic Activities. 2021 , 7,	13
615	Effects of different innovative bone char based P fertilizers on bacteria catalyzing P turnover in agricultural soils. 2021 , 314, 107419	3
614	Trade-Offs in Phosphorus Acquisition Strategies of Five Common Tree Species in a Tropical Forest of Puerto Rico. 4,	6
613	<i>Streptomyces pactum</i> and sulfur mediated the rhizosphere microhabitats of potherb mustard after a phytoextraction trial. 2021 , 281, 116968	1
612	Sources of abiotic hydrolysis of chromogenic substrates in soil enzyme assays: Storage, termination, and incubation. <i>Soil Biology and Biochemistry</i> , 2021 , 158, 108245	7.5 3
611	Impacts of oxalic acid-activated phosphate rock and root-induced changes on Pb bioavailability in the rhizosphere and its distribution in mung bean plant. 2021 , 280, 116903	49
610	The influence of elevated CO on bacterial community structure and its co-occurrence network in soils polluted with CrO nanoparticles. 2021 , 779, 146430	3
609	Soil biological attributes in monoculture and integrated systems in the Cerrado region of Piauí State, Brazil. 43, e51814	1
608	Terricolous mosses impact soil microbial biomass carbon and enzymatic activity under temperate forest types of the Garhwal Himalayas. 2021 , 193, 516	
607	Soil organic carbon is significantly associated with the pore geometry, microbial diversity and enzyme activity of the macro-aggregates under different land uses. 2021 , 778, 146286	7

606	Soil abiotic properties and plant functional diversity co-regulate the impacts of nitrogen addition on ecosystem multifunctionality in an alpine meadow. 2021 , 780, 146476	2
605	Role of organic amendment application on soil quality, functionality and greenhouse emission in a limestone quarry from semiarid ecosystems. 2021 , 164, 103925	10
604	Alteration in expression level of some growth and stress-related genes after rhizobacteria inoculation to alleviate drought tolerance in sensitive rice genotype. 2021 , 8,	0
603	Small-scale variation in a pristine montane cloud forest: evidence on high soil fungal diversity and biogeochemical heterogeneity. 2021 , 9, e11956	0
602	Interspecific competition and nitrogen application alter soil ecoenzymatic stoichiometry, microbial nutrient status, and improve grain yield in broomcorn millet/mung bean intercropping systems. 2021 , 270, 108227	1
601	Nitrogen species specific phosphorus mineralization in temperate floodplain soils. 2021 , 11, 17430	5
600	Comparative impact of bioinoculants on nutrient uptake, enzyme activities and growth of <i>Cassia angustifolia</i> Vhal (Senna) and <i>Cyamopsis tetragonoloba</i> (L.) (Guar) in Feldspar mine spoil. 2021 , 140, 434-443	
599	Metagenomic Analysis of Bacterial Communities in Agricultural Soils from Vietnam with Special Attention to Phosphate Solubilizing Bacteria. 2021 , 9,	3
598	Lower relative abundance of ectomycorrhizal fungi under a warmer and drier climate is linked to enhanced soil organic matter decomposition. 2021 , 232, 1399-1413	1
597	Influence of urban sewage sludge amendment on agricultural soil parameters. 2021 , 23, 101642	6
596	Mycorrhizal inoculation and treatment with biochar and compost from pruning waste improve the qualitative properties of a calcareous soil under wheat cultivation.	
595	Improvement of Soil Health and System Productivity through Crop Diversification and Residue Incorporation under Jute-Based Different Cropping Systems. 2021 , 11, 1622	9
594	Plant metabolomics integrated with transcriptomics and rhizospheric bacterial community indicates the mitigation effects of <i>Klebsiella oxytoca</i> P620 on p-hydroxybenzoic acid stress in cucumber. 2021 , 415, 125756	4
593	Impact of Technogenic Saline Soils on Some Chemical Properties and on the Activity of Selected Enzymes. 2021 , 14, 4882	0
592	Organic and inorganic amendments for the remediation of nickel contaminated soil and its improvement on <i>Brassica napus</i> growth and oxidative defense. 2021 , 416, 125921	6
591	Evaluation of Compost and Biochar to Mitigate Chlorpyrifos Pollution in Soil and Their Effect on Soil Enzyme Dynamics. 2021 , 13, 9695	3
590	Growth Response of Ginger (<i>Zingiber officinale</i>), Its Physiological Properties and Soil Enzyme Activities after Biochar Application under Greenhouse Conditions. 2021 , 7, 250	5
589	Bioaugmentation-assisted bioremediation and kinetics modelling of heavy metal-polluted landfill soil. 1	3

588	Optimization of integrated phytoremediation system (IPS) for enhanced lead removal and restoration of soil microbial activities. 2021 , 277, 130243	10
587	The potential of crop residue recycling for sustainable phosphorus management in non-flooded rice-lentil system in alkaline soil. 2021 , 213, 105147	
586	Invasive nitrogen-fixing plants increase nitrogen availability and cycling rates in a montane tropical grassland. 1	0
585	Biogenic synthesis of potassium nanoparticles and their evaluation as a growth promoter in wheat. 2021 , 27, 100310	5
584	Effect of Forage Plant Mixture and Biostimulants Application on the Yield, Changes of Botanical Composition, and Microbiological Soil Activity. 2021 , 11, 1786	2
583	Effects of solar park construction and solar panels on soil quality, microclimate, CO ₂ effluxes, and vegetation under a Mediterranean climate.	1
582	Soil Health and Its Improvement Through Novel Agronomic and Innovative Approaches. 2021 , 3,	2
581	Remediation of trace organic contaminants from biosolids: Influence of various pre-treatment strategies prior to <i>Bacillus subtilis</i> aerobic digestion. 2021 , 419, 129966	7
580	Modified plant architecture integrated with liquid fertilizers improves fruit productivity and quality of tomato in North West Himalaya, India. 2021 , 11, 18664	
579	Phosphorus mineralization affected by urea in an intensively managed agricultural soil. 2021 , 85, 2067	0
578	Apparent kinetic properties of soil phosphomonoesterase and β -glucosidase are disparately influenced by pH.	0
577	Role of Seasonality and Fire in Regulating the Enzymatic Activities in Soils Covered by Different Vegetation in a Mediterranean Area. 2021 , 11, 8342	1
576	Effects of fine bubble aeration at the sediment-water interface on distributions of organic phosphorus fractions and related microbial activity in a heavily urban river. 2021 , 21, 3528	
575	Phosphorus mobilization and improvement of crop agronomic performances by a new white-rot fungus <i>Ceriporia lacerata</i> HG2011. 2021 ,	4
574	Dung Beetle Improves soil Bacterial Diversity and Enzyme Activity and Enhances Growth and Antioxidant Content of Chinese Cabbage (<i>Brassica rapa</i> ssp. <i>pekinensis</i>). 1	1
573	Isolation, Identification and Characterization of Phosphate Solubilizing Bacteria from Jhum Field of Mizoram, India. 1-10	2
572	Site-Effects Dominate the Plant Availability of Nutrients under <i>Salix</i> Species during the First Cutting Cycle. 2021 , 12, 1226	0
571	Soil type influence nutrient availability, microbial metabolic diversity, eubacterial and diazotroph abundance in chickpea rhizosphere. 2021 , 37, 167	5

570	Fertilization integrated with microbial inoculants improves bell pepper production. 1-22	2
569	Effects of topography and soil properties on the distribution and fractionation of REEs in topsoil: A case study in Sichuan Basin, China. 2021 , 791, 148404	0
568	Effect of rice (<i>Oryza sativa</i> L.) genotype on yield: Evidence from recruiting spatially consistent rhizosphere microbiome. <i>Soil Biology and Biochemistry</i> , 2021 , 161, 108395	7.5 3
567	Demonstrational gardens with EDTA-washed soil. Part II: Soil quality assessment using biological indicators. 2021 , 792, 148522	1
566	Resource stoichiometry, vegetation type and enzymatic activity control wetlands soil organic carbon in the Herbert River catchment, North-east Queensland. 2021 , 296, 113183	2
565	Variation of soil properties with sampling depth in two different light-textured soils after repeated applications of urban sewage sludge. 2021 , 297, 113355	3
564	Perennial cover crop biomass contributes to regulating soil P availability more than rhizosphere P-mobilizing capacity in rubber-based agroforestry systems. 2021 , 401, 115218	0
563	Prescribed pH for soil β -glucosidase and phosphomonoesterase do not reflect pH optima. 2021 , 401, 115161	2
562	Environmental and ecological factors influencing soil functionality of biologically crusted soils by different lichen species in drylands. 2021 , 794, 148491	4
561	Interactive effects of biochar and mussel shell activated concoctions on immobilization of nickel and their amelioration on the growth of rapeseed in contaminated aged soil. 2021 , 282, 130897	5
560	Effects of biological pre-treatment of lignocellulosic waste with white-rot fungi on the stimulation of 14C-phenanthrene catabolism in soils. 2021 , 165, 105324	4
559	Does soil phosphomonoesterase activity reflect phosphorus pools estimated by Hedley phosphorus fractionation?. 2021 , 401, 115279	5
558	Long-term effects of gasification biochar application on soil functions in a Mediterranean agroecosystem: Higher addition rates sequester more carbon but pose a risk to soil faunal communities. 2021 , 801, 149580	0
557	Effects of chicken farming on soil extracellular enzyme activity and microbial nutrient limitation in Lei bamboo forest (<i>Phyllostachys praecox</i>) in subtropical China. 2021 , 168, 104106	0
556	<i>Chromolaena odorata</i> (L.) K&R (Asteraceae) invasion effects on soil microbial biomass and activities in a forest-savanna mosaic. 2021 , 207, 105619	4
555	Long-term fertilization modifies the mineralization of soil organic matter in response to added substrate. 2021 , 798, 149341	3
554	Straw application coupled with N and P supply enhanced microbial biomass, enzymatic activity, and carbon use efficiency in saline soil. 2021 , 168, 104128	1
553	Assessment of changes in soil organic carbon fractions and enzyme activities under apple growing ecosystems in temperate North-Western Himalayas. 2021 , 6, 100036	0



552	Sustainable phosphorus management option for non-flooded rice-lentil system in alkaline soil of Indo-Gangetic plain. 2021 , 5, 100258	
551	Warming reduces the production of a major annual forage crop on the Tibetan Plateau. 2021 , 798, 149211	1
550	Moisture content and aeration control mineral nutrient solubility in poultry litter. 2021 , 300, 113787	0
549	Impacts of biochar on basil (<i>Ocimum basilicum</i>) growth, root morphological traits, plant biochemical and physiological properties and soil enzymatic activities. 2021 , 290, 110518	8
548	Response of soil characteristics to biochar and Fe-Mn oxide-modified biochar application in phthalate-contaminated fluvo-aquic soils. 2021 , 225, 112755	1
547	Cover crops shape the soil bacterial community in a tropical soil under no-till. 2021 , 168, 104166	2
546	Ecology, biology and enzymatic activity of the rhizosphere planted with <i>Larix decidua</i> seedlings after addition of vermicompost. 2021 , 168, 104101	3
545	Impact of long term conservation agriculture on soil quality under cereal based systems of North West India. 2022 , 405, 115391	4
544	Bacterial strains found in the soils of a municipal solid waste dumping site facilitated phosphate solubilization along with cadmium remediation. 2022 , 287, 132320	3
543	Impact of land use on soil function and bacterial community in the Brazilian savanna. 2021 , 93, e20201906	
542	Enzymatic defense of <i>Cyperus brevifolius</i> in hydrocarbons stress environment and changes in soil properties. 2021 , 11, 718	5
541	Changes in ecosystem properties after post-fire management strategies in wildfire-affected Mediterranean forests. 2021 , 58, 836-846	7
540	Mobilization of soil phosphorus and enhancement of canola yield and phosphorus uptake by <i>Ceriporia lacerata</i> HG2011. 1-10	1
539	Productivity, Profitability, Enzyme Activities and Nutrient Balance in Summer Peanut (<i>Arachis hypogaea</i> L.) as Influenced by NPK Drip Fertigation. 2021 , 52, 443-455	
538	Effect of phosphorous on nodulation and nitrogen fixation by <i>Phaseolus vulgaris</i> . 2007 , 157-160	4
537	Comparative Biochemical Study of the Rhizosphere of <i>Rhizophora mangle</i> and its Associated Species <i>Cyperus</i> sp. in the Cihaga de Soledad (Colombia). 2008 , 79-84	1
536	Microbial Transformations in the Phosphorus Cycle. 1977 , 95-134	51
535	Environmental Impact Measurements: Tool and Techniques. 2018 , 1-31	4

534	Einfluss der Mykorrhizierung auf die Aktivität extrazellulärer Enzyme in der Rhizosphäre von Pappeln. 2004 , 33-38	1
533	Enzyme Diversity in Andosols of the Canary Islands (Spain). 2011 , 63-76	1
532	Combined Effect of Organic and Inorganic Fertilizers on Soil Chemical and Biological Properties and Maize Yield in Rubona, Southern Rwanda. 2011 , 729-740	2
531	Distribution of denitrifying and enzyme activities across the rhizosphere of wheat. 1997 , 517-518	2
530	Different Location of Acid and Alkaline Phosphatases Extracted From a Compost of Urban Refuse. 1996 , 286-293	1
529	Influence of plant roots on C and P metabolism in soil. 1984 , 175-182	3
528	Soil microbial diversity and the sustainability of agricultural soils. 1995 , 75-86	19
527	Use of Fresh and Composted De-Inking Sludge in Cabbage Production. 1998 , 349-361	3
526	Root activity and acquisition of soil phosphorus and potassium. 1998 , 331-344	4
525	Dynamics of Soil Microbial Activities in Different Vegetation Types of the Seasonally Dry Tropics. 1998 , 253-260	1
524	Effect of PAHs and Heavy Metals on Activity of Soil Microflora. 1999 , 377-380	3
523	Phosphatase Activities and Their Effects on Phosphorus Availability in Soils Amended with Livestock Manures. 2014 , 123-140	4
522	Toxic Pollutants Survey in Soils of Electronic Waste-Contaminated Sites in Delhi NCR. 2019 , 841-851	2
521	Significance of the Enzymes Associated with Soil C and N Transformation. 2020 , 399-437	5
520	Soil Health Indicators: Methods and Applications. 2020 , 221-253	1
519	Evaluation of Soil Physical, Chemical Parameter and Enzyme Activities as Indicator of Soil Fertility with SFM Model in Arid Zone of Rajasthan. 2020 , 1107-1121	2
518	Effects of lead pollution on different soil enzyme activities. 1996 , 22, 53	4
517	Salt Tolerant Bacterial Inoculants as Promoters of Rice Growth and Microbial Activity in Coastal Saline Soil. 2018 , 88, 1531-1538	7

516	EFFECT OF OIL DISPERSANTS ON MICROBIALLY-MEDIATED PROCESSES IN FRESHWATER SYSTEMS. 1987 , 252-263	5
515	Soil and Root Phosphatase Activity and the Utilization of Inositol Phosphates as Dependent on Phosphorus Supply. 1991 , 93-97	8
514	An integrated assessment of the long-term impact of municipal sewage sludge on the chemical and biological properties of soil. 2020 , 189, 104484	25
513	Physicochemical and microbial properties of urban park soils of the cities of Marrakech, Morocco and ToruńPoland: Human health risk assessment of fecal coliforms and trace elements. 2020 , 194, 104673	10
512	Cropping systems influence microbial diversity, soil quality and crop yields in Indo-Gangetic plains of India. 2020 , 121, 126152	4
511	Assessment of soil health parameters and application of the sustainability index to fields under conservation agriculture for 3, 6, and 9 years in India. 2020 , 6, e05640	2
510	Soil quality and carbon sequestration under conservation agriculture with balanced nutrition in intensive cereal-based system. 2020 , 202, 104653	17
509	Soil carbon pools and enzyme activities in aggregate size fractions after seven years of conservation agriculture in a rice-wheat system. 2019 , 70, 473	13
508	Chemical and microbiological soil properties in organic and conventional management systems of <i>Coffea arabica</i> L.. 2017 , 40, 2076-2086	5
507	Service crops improve a degraded monoculture system by changing common bean rhizospheric soil microbiota and reducing soil-borne fungal diseases. 2021 , 97,	0
506	SPATIAL DISTRIBUTION OF SOIL PHOSPHATASE ACTIVITY WITHIN A RIPARIAN FOREST1. 1997 , 162, 808-825	106
505	Lead inhibition of enzyme synthesis in soil. 1977 , 33, 262-8	67
504	Alkaline phosphatase assay for freshwater sediments: application to perturbed sediment systems. 1979 , 38, 922-7	95
503	The content of carbon, nitrogen, phosphorus and sulphur in soil against the activity of selected hydrolases as affected by crop rotation and fertilisation. 2014 , 101, 367-372	8
502	The influence of a mycorrhizal vaccine on the biochemical properties of soil in the plantation of blueberry. 2016 , 103, 61-66	2
501	In situ enzyme activity in the dissolved and particulate fraction of the fluid from four pitcher plant species of the genus <i>Nepenthes</i> . 2011 , 6, e25144	26
500	Does nitrogen fertilization history affects short-term microbial responses and chemical properties of soils submitted to different glyphosate concentrations?. 2017 , 12, e0178342	5
499	Effect of Rhamnolipids on Microbial Biomass Content and Biochemical Parameters in Soil Contaminated with Coal Tar Creosote. 2019 , 14, 537-548	1

498	Comparison of Soil Bioconditioners and Standard Fertilization in Terms of the Impact on Yield and Vitality of and Soil Biological Properties. 2019 , 14, 666-680	5
497	Use of Phosphatase and Dehydrogenase Activities in the Assessment of Calcium Peroxide and Citric Acid Effects in Soil Contaminated with Petrol. 2020 , 15, 12-20	6
496	Ecological and phytochemical attributes of endemic <i>Ferula gummosa</i> Boiss. at vegetative and generative stages. 2018 , 43, 393-402	1
495	Enzymatic Characterization of Soil Evidence. 1975 , 20, 10319J	20
494	Talajmikrobiológiai paraméterek változása szántóktól és rétként hasznosított régi szolonyec talajokban. 2019 , 68, 155-175	1
493	Szennyvíziszap-adagok hatása a nűly (Triticum vulgare L.)-talaj rendszer nűly mikrobiológiai és biokémiai tulajdonságjaira. 2004 , 53, 355-366	4
492	Enzimaktivitások és a fluoreszkáló pseudomonasz csűaszűhok változása a fehér lűhere (Trifolium repens L.) rizoszféjában sűkezelés (NaCl) hatására. 2004 , 53, 367-376	2
491	The Effect of Diflufenican and Its Mixture with S-metolachlor and Metribuzin on Nitrogenase and Microbial Activity of Soil under Yellow Lupine (<i>Lupinus luteus</i> L.). 130-142	1
490	Aspectos morfofisiológicos de plantas de milho e bioquűmico do solo em resposta ű adubaű nitrogenada e ű inoculaű com <i>Azospirillum brasilense</i> . 2015 , 62, 589-596	7
489	Disponibilidade de fűsforo para o arroz inundado sob efeito residual de calcűrio, gesso e esterco de curral aplicados na cultura do feijű. 2004 , 28, 995-1004	4
488	The effect of lead on the phytochemistry of <i>Tithonia diversifolia</i> exposed to roadside automotive pollution or grown in pots of Pb-supplemented soil. 2003 , 15, 149-158	18
487	The influence of long-term sewage sludge application on the activity of phosphatases in the rhizosphere of plants. 2008 , 53, 375-381	10
486	Growing media and organic fertilizers affect microbial activities and nutrient availability in soilless horticulture. 2020 , 791-798	1
485	BIOCHEMICAL METHODS FOR THE EVALUATION OF THE FUNCTIONAL AND STRUCTURAL DIVERSITY OF MICROORGANISMS IN THE SOIL ENVIRONMENT. 2019 , 57, 194-202	3
484	Determination of Organic Fractions and Enzymatic Activity in Forest Spruce Soil of Tatra National Park. 2018 , 37, 328-337	3
483	Denoting the intensity of soil biochemical transition according to stand species composition. 2018 , 79, 327-334	0
482	Effect of transgenic soybean on functional groups of microorganisms in the rhizosphere in soil microcosm. 2019 , 5, 11	2
481	Chemical and Enzymatic Changes of Different Soils during Their Acidification to Adapt Them to the Cultivation of Highbush Blueberry. 2021 , 11, 44	2

480	Chitosan with Bentonite and Biochar in Ni-Affected Soil Reduces Grain Ni Concentrations, Improves Soil Enzymes and Grain Quality in Lentil. 2021 , 11, 11	2
479	Management of Root Rot Caused by <i>Rhizoctonia solani</i> and <i>Fusarium oxysporum</i> in Blue Pine (<i>Pinus wallichiana</i>) Through use of Fungal Antagonists. 2011 , 5, 62-74	10
478	Role of AM Fungi and Rhizobial Inoculation for Reclamation of Phosphorus Deficient Soil. 2011 , 10, 227-232	1
477	Soil Enzymes Activities in Irrigated and Rain-Fed Vertisols of the Semi-Arid Tropics of Sudan. 2009 , 4, 67-79	8
476	Distribution Pattern and Screening of Phosphate Solubilizing Bacteria Isolated from Different Food and Forage Crops. 2006 , 5, 600-604	31
475	Impact of Roadside Pollution on Microbial Activities in Sub-Tropical Forest Soil of North East India. 2010 , 4, 280-287	7
474	Phosphatase Hydrolysis of Organic Phosphorus Compounds. 2015 , 03, 39-51	17
473	Changes in Microfungal Community in Cherrapunji—the Wettest Patch on Earth as Influenced by Heavy Rain and Soil Degradation. 2012 , 02, 456-464	4
472	Arid Agroecosystem Shrubs Enhance Enzyme Activities during the Dry Season. 2020 , 11, 180-188	0
471	Assessment of the Influence of Oil Palm and Rubber Plantations in Tropical Peat Swamp Soils Using Microbial Diversity and Activity Analysis. 2016 , 05, 53-65	2
470	Bt cotton influencing enzymatic activities under varied soils. 2013 , 03, 505-509	5
469	Physicochemical and Biochemical Reclamation of Soil through Secondary Succession. 2013 , 03, 235-243	1
468	Response of Soil Microbial Properties to Long-Term Application of Organic and Inorganic Amendments in a Tropical Soil (Saria, Burkina Faso). 2016 , 06, 21-33	5
467	Measuring Phosphatase Activity in Peatland Soils: Recent Methodological Advances. 2008 , 13, 165-168	1
466	Soil microbiological properties and enzymatic activities of long-term post-fire recovery in dry and semiarid Aleppo pine (<i>Pinus halepensis</i> M.) forest stands.	1
465	Changes in Land Use System and Environmental Factors Affect Arbuscular Mycorrhizal Fungal Density and Diversity, and Enzyme Activities in Rhizospheric Soils of <i>Acacia senegal</i> (L.) Willd.. 2012 , 2012, 1-13	8
464	Short communication: Biochemically active humic substances in contrasting agricultural managements. 2016 , 14, e03SC01	1
463	Agricultural land-use change in a Mexican oligotrophic desert depletes ecosystem stability. 2016 , 4, e2365	8

462	The response of soil microbial communities to variation in annual precipitation depends on soil nutritional status in an oligotrophic desert. 2017 , 5, e4007	9
461	Amelioration of drought effects in wheat and cucumber by the combined application of super absorbent polymer and potential biofertilizer. 2019 , 7, e6073	22
460	The effect of sewage sludge and BAF inoculant on plant condition and yield as well as biochemical and microbial activity of soil in willow (L.) culture as an energy crop. 2019 , 7, e6434	4
459	  2017 , 84	3
458	Interactions between Biochar and Compost Treatment and Mycorrhizal Fungi to Improve the Qualitative Properties of a Calcareous Soil under Rhizobox Conditions. 2021 , 11, 993	2
457	Isolation and Identification of Phytin Mineralizing Microbes. 2022 , 231-235	
456	Does Legume Root Exudation Facilitate Itself P Uptake in Intercropped Wheat?. 2021 , 21, 3269	0
455	Biochar Amendments Improve Licorice (Fisch.) Growth and Nutrient Uptake under Salt Stress. 2021 , 10,	4
454	Morel Production Related to Soil Microbial Diversity and Evenness. 2021 , 9, e0022921	8
453	Harnessing the Potential of Symbiotic Endophytic Fungi and Plant Growth-Promoting Rhizobacteria to Enhance Soil Quality in Saline Soils. 2021 , 9, 1810	1
452	Differential Root Exudation and Architecture for Improved Growth of Wheat Mediated by Phosphate Solubilizing Bacteria. 2021 , 12, 744094	4
451	Plant growth promoting Bacillus-based bio formulations improve wheat rhizosphere biological activity, nutrient uptake and growth of the plant. 2021 , 43, 1	1
450	SOIL TEST BASED FERTILIZATION RECOMMENDATIONS OF ECONOMICS AND NUTRIENT COMPOSITION OF MUSTARD ON INCEPTISOL. 2021 , 9, S358-S363	
449	Bacterial structure and dynamics in mango (Mangifera indica) orchards after long term organic and conventional treatments under subtropical ecosystem. 2021 , 11, 20554	1
448	Enzymatic Activity and Physicochemical Properties of Soil Profiles of Luvisols. 2021 , 14,	3
447	Enzymatic Analyses in Soils. 2022 , 377-385	2
446	Testing Combined Effect of Amendments and Inoculation with Bacteria for Improving Phytostabilisation of Smelter Waste Extremely Contaminated with Trace Elements. 2021 , 11, 2064	0
445	Use of Carbon Nanoparticles to Improve Soil Fertility, Crop Growth and Nutrient Uptake by Corn (L.). 2021 , 11,	7

444	Remediation of metal-contaminated mine tailings by the application of organic and mineral amendments. 1	3
443	Addition of chitosan improves the efficiency of total phosphorus removal from wastewater using the D-A2O reactor and metagenomic analysis.	0
442	Arbuscular mycorrhizae and silicon alleviate arsenic toxicity by enhancing soil nutrient availability, starch degradation and productivity in <i>Cajanus cajan</i> (L.) Millsp. 2021 , 31, 735-754	2
441	The invasive cactus <i>Opuntia stricta</i> creates fertility islands in African savannas and benefits from those created by native trees. 2021 , 11, 20748	2
440	Effect of long-term nutrient management practices on soil health and paddy yield of rice-rice-fallow cropping system in tropic humid climate. 2021 , 107, 103362	0
439	Enhancing soil ecosystem services through sustainable integrated nutrient management in double rice-cropping system of North-East India. 2021 , 132, 108262	5
438	Application of different alkaline materials as polluted soil amendments: A comparative assessment of their impact on trace element mobility and microbial functions. 2021 , 227, 112927	3
437	Bodenmikrobiologische Eigenschaften rekultivierter Böden und die Besiedlung durch Regenwürmer in den Leipziger und Lausitzer Braunkohlenrevieren in Abhängigkeit von Substrat, Nutzung und Alter. 2000 , 67-86	
436	Erprobung ausgewählter bodenbiologischer Methoden an rekultivierten kohlehaltigen Kippsubstraten. 2000 , 285-302	2
435	A Technique for Mycelial Development of Ectomycorrhizal Fungi on Agar Media. 2002 , 311-318	
434	Toxicity Testing in Soil, Use of Microbial and Enzymatic Tests.	
433	<i>Plantago lanceolata</i> L. and <i>Rumex acetosella</i> L. differ in their utilisation of soil phosphorus fractions. 2003 , 285-295	
432	Toxicity Testing in Soil, Use of Microbial and Enzymatic Tests.	
431	Changes in the parts of the rhizosphere phosphorus cycle influencing by heavy metal contamination. 2007 , 35, 761-764	0
430	The sensitivity of microbial processes in Icelandic soils to increasing temperatures.	1
429	Yield and inter-specific interactions in maize/chickpea intercrop under different application rates of P in irrigated sierozem along the Yellow River in Northwest China. 2010 , 18, 917-922	
428	Hydrolases Activities of Extracted Humic Substances During Vermicomposting of Damaged Tomatoes Wastes Using a Continuous-Supplying System. 2011 , 299-309	
427	Effects of precipitation on soil acid phosphatase activity in three successional forests in Southern China.	

426 IEF Technique to Study the β -Glucosidase-Humic Complexes in Organic and Mineral Amended Soils. **2011**, 37-49

425 Investigation of Functional Microbial Diversity and Related Abiotic Factors in Coastal and Desert Ecosystem of Gujarat. **2012**, 351-362

424 Differences in acid phosphomonoesterase activity in forest soils of the Smrk Massive in the Moravskoslezsk^á Beskydy Mts. (Czech Republic). **2012**, 5, 135-152

423 Role of Microbial Inoculants on Growth and Development of *Jatropha curcas* L.. **2012**, 153-161

422 Research advances on the measurement methods for soil hydrolytic enzymes activities. **2012**, 20, 387-394

421 Assessing the Effects of Solarization and Sodium Azide Amendments on Selected Soil Parameters, Enzyme Activities and Microbial Populations. **2013**, 04, 772-778

420 Impact of Organic Farming in Enhancing the Soil Microbial Pool. **2014**, 183-196

1

419 The biological activity of soil in Norway spruce forests and in fern *Athyrium distentifolium* Tausch ex Opiz stands on deforested polluted sites in the Beskydy Mts.. **2014**, 7, 9-20

418 Bestimmung der anorganischen Pyrophosphatase-Aktivität. **1991**, 163-167

417 Phosphorkreislauf. **1993**, 195-215

416 Microbiological Indicators of a Clayey Soil Planted with Wheat (*Triticum aestivum* L.) as Affected by Potassium Fertilization and Different Water Regimes. **2015**, 7, 72-83

415 Effects of pumice mining on soil quality.

1

414 Toprak Solucanlar^ı ile Kompostların pH ve $\text{NH}_4\text{-N}$ Atıklarının Vermikompost Olarak Değerinin Belirlenmesi. **2016**, 53, 89-97

1

413 Role of miRNAs in Legume Crops in Response to Biotic and Abiotic Stress. **2017**, 11, 605-614

3

412 Actinobacteria of Arid and Semi-arid Soils: Antagonism to Fungal Pathogens and Plant Growth Promoting Potential. **2017**, 11, 1045-1052

0

411 Quality evaluation of chemically-enriched compost, vermicompost and conventional compost. **2017**, 12, 66-70

410 Study of enzyme activities in intercropped maize with different nutrient application. **2017**, 12, 1652-1655

409 Impact of Acephate and Buprofezin on Soil Phosphatases. **2018**, 75-86

1

- 408 Effect and application of vermicompost on nitrogen dynamics in soil. **2017**, 12, 108-121
- 407 Enzyme activity in soil after different procedures for managing rice straw. **2017**,
- 406 Activity of rhizobacteria antagonistic to *Fusarium oxysporum* f. sp. *passiflorae* in soils cultivated with monocotyledonous plants. **2017**, 47, 472-479
- 405 Root Colonization and Growth Promotion of Soybean, Wheat and Chinese Cabbage by *Bacillus cereus* YL6. 0
- 404 A Comparison on soil biological health on continuous organic and inorganic farming. **2018**, 2, 0
- 403 Herbicide Residues in Rice-Based Cropping Systems in Assam. **2019**, 305-324
- 402 Comparative study of soil quality indicators for rice-based cropping system in Vertisols of central plain of Chhattisgarh. **2018**, 13, 136-147 0
- 401 Wpływ zabiegów zoo- i fitomelioracyjnych na aktywność biologiczną gleby pod zalesieniami na gruntach porolnych. **2018**, 16, 25-34
- 400 The responses of soil microbial community and enzyme activities of *Phoebe zhennan* cultivated under different soil moisture conditions to phosphorus addition. **2018**, 11, 751-756 0
- 399 Isolation and Functional Characterization of Beneficial Bacteria Associated with Roots of *Thysanolaena Maxima* and Rhizospheric Soil Enzymatic Activities in Jhum Agriculture. **2019**, 7, 189-200 1
- 398 Studies on Effect of Copper (Cu²⁺) on Phosphatase Enzyme Activity and Biomass of *Aspergillus niger*. **2019**, 4, 38-43
- 397 Changes in biological soil quality indicators under saline soil condition after amelioration with alfalfa (*Medicago sativa* L.) cultivation in meadow Solonchak. **2019**, 8, 189-195 5
- 396 Barley seed coating with urease and phosphatase to improve N and P uptake. **2020**, 77,
- 395 Enzyme activities in soil at increasing metal (Cu, Ni, Pb) doses and time-dependence in a model experiment. **2020**, 14, 43-49
- 394 Physical, chemical and biological properties of spent mushroom substrates of different mushroom species. **2020**, 353-360 3
- 393 Bioresource Nutrient Recycling in the Rice-Wheat Cropping System: Cornerstone of Organic Agriculture. **2021**, 10, 1
- 392 Improvement effects of conditioners on properties of acidified-salinized soils and lettuce growth. 1-14
- 391 Weed Interference in Soybean Crop Affects Soil Microbial Activity and Biomass. 38, 0

- 390 Short-term effect of compost amendment on the fertility of calcareous soil and basil growth. **2021**, 52, 172-182 1
- 389 Assessing soil quality under long-term organic vis-a-vis chemical farming after twelve years in north-western India. **2021**, 44, 1175-1192 1
- 388 The impact of revitalization treatments on biological activity of soil under afforestation on post-agricultural land. **2020**, 18, 293-302
- 387 Kaya fosfat ve TSP gresi ile uygulanan *Micrococcus luteus* AR-72'nin toprađ baz-biyolojik ellikleri, NO₃ ve alñabilir P irine etkisi. 157-166
- 386 Biogeographic Changes in Forest Soil Microbial Communities of Offshore IslandsâA Case Study of Remote Islands in Taiwan. **2021**, 12, 4 1
- 385 Glyphosate-based herbicides alter soil carbon and phosphorus dynamics and microbial activity. **2022**, 169, 104256 3
- 384 Allocation of foliar-P fractions of *Alhagi sparsifolia* and its relationship with soil-P fractions and soil properties in a hyperarid desert ecosystem. **2022**, 407, 115546 3
- 383 Response of soil chemical properties, enzyme activities and microbial communities to biochar application and climate change in a Mediterranean agroecosystem. **2022**, 407, 115536 1
- 382 Simulated root exudates stimulate the abundance of Saccharimonadales to improve the alkaline phosphatase activity in maize rhizosphere. **2022**, 170, 104274 2
- 381 Type of Soil Pollutant and Their Degradation: Methods and Challenges. **2020**, 1-32 2
- 380 Coconut fiber: evaluation of physicochemical properties and enzymatic activity in soilless culture during three cycles of organic cultivation. **2020**, 9-16
- 379 Impact of nanophos in agriculture to improve functional bacterial community and crop productivity. **2021**, 21, 519 2
- 378 Reaction of Microorganisms to Long-Term Waste Reclamation of Soil Degraded by the Sulfur Mining Industry. **2021**, 11, 1226 1
- 377 The effects of ozone treatments on the agro-physiological parameters of tomato plants and the soil microbial community. **2021**, 812, 151429 4
- 376 Agricultural Production on Erosion-Affected Land from the Perspective of Remote Sensing. **2021**, 11, 2216 1
- 375 Significance of enzymes and their agricultural applications. **2022**, 213-224
- 374 How sustainable is organic management in cassava? Evidences from yield, soil quality, energetics and economics in the humid tropics of South India. **2022**, 293, 110723
- 373 Synergistic association of endophytic fungi enhances tolerance, growth, and heavy metal uptake of *Alocasia calidora* in landfill contaminated soil. **2022**, 170, 104307 0

372	Predicting soil farming system and attributes based on soil bacterial community. 2022 , 171, 104335	
371	Microbial activity and community level physiological profiles (CLPP) of soil under the cultivation of spring rape with the Roundup 360 SL herbicide.. 2021 , 19, 2013-2026	0
370	Impact of the Legume Catch Crop Serradella on Subsequent Growth and P Mobilization under Barley in Different Fertilization Treatments. 2021 , 11, 2437	0
369	Changes in soil functionality eight years after fire and post-fire hillslope stabilisation in Mediterranean forest ecosystems. 2021 , 409, 115603	0
368	Effects comparison of different mulching methods on soil in pitaya orchards. 2021 , 35, 267-276	1
367	The Use of Interactions Between Microorganisms in Strawberry Cultivation (Duch.).. 2021 , 12, 780099	1
366	Changes in microbial and physicochemical properties under cover crop inclusion in a degraded common bean monoculture system. 2021 , 107, 103365	1
365	Co-inoculation of rhizobacteria promotes growth, yield, and nutrient contents in soybean and improves soil enzymes and nutrients under drought conditions. 2021 , 11, 22081	20
364	Collateral implications of carbon and metal pollution on carbon dioxide emission at land-water interface of the Ganga River. 2021 , 1	0
363	Interactive Impact of Biochar and Arbuscular Mycorrhizal on Root Morphology, Physiological Properties of Fenugreek (<i>Trigonella foenum-graecum</i> L.) and Soil Enzymatic Activities. 2021 , 11, 2341	3
362	Farmyard Manure as K-Fertilizer Modulates Soil Biological Activities and Yield of Wheat Using the Integrated Fertilization Approach. 2021 , 9,	1
361	Harnessing biofertilizer from human urine via chemogenic and biogenic routes: Synthesis, characterization and agronomic application. 2021 , 25, 102152	1
360	Effects of biological agents on soil microbiology, enzyme activity and fruit quality of kiwifruit with root rot. 2021 ,	0
359	Significance of Microbial Enzyme Activities in Agriculture. 2021 , 351-373	1
358	AMF species improve yielding potential of Cd stressed pigeonpea plants by modulating sucrose-starch metabolism, nutrients acquisition and soil microbial enzymatic activities. 1	4
357	The impact of Arsenic induced stress on soil enzyme activity in different rice agroecosystems. 2022 , 26, 102282	0
356	Sugarcane Byproduct Influence on Mineral Fertilizer Solubility and Phosphorus Dynamics in the Soil. 1	0
355	Assessment of Soil Health Indicators Under the Influence of Nanocompounds and <i>Bacillus</i> spp. in Field Condition. 2022 , 9,	1

354	Soil washing by biodegradable GLDA and PASP: Effects on metals removal efficiency, distribution, leachability, bioaccessibility, environmental risk and soil properties. 2022 , 158, 172-180	1
353	Multi-micronutrient foliar fertilization in eggplant under diverse fertility scenarios: Effects on productivity, nutrient biofortification and soil microbial activity. 2022 , 294, 110781	0
352	Seasonal drought in Mediterranean soils mainly changes microbial C and N contents whereas chronic drought mainly impairs the capacity of microbes to retain P. <i>Soil Biology and Biochemistry</i> , 2022 , 165, 108515	7.5 0
351	Simultaneous removal of arsenic and toxic metals from contaminated soil: Laboratory development and pilot scale demonstration. 2021 , 118656	2
350	Combined bioaugmentation and biostimulation techniques in bioremediation of pentachlorophenol contaminated forest soil.. 2021 , 133359	2
349	Impact of lignocellulosic waste-immobilised white-rot fungi on enhancing the development of C-phenanthrene catabolism in soil.. 2021 , 811, 152243	0
348	An invasive and native plant differ in their effects on the soil food-web and plant-soil phosphorus cycle. 2022 , 410, 115672	1
347	Interaction of phosphatase with soil nanoclays: Kinetics, thermodynamics and activities. 2022 , 409, 115654	1
346	Soil Clay Content, Biochar Production Temperature and Aging Affected Biochar Stability and its Priming Effect on Soil Organic Carbon Mineralization.	
345	Can the Biological Activity of Abandoned Soils Be Changed by the Growth of <i>Paulownia elongata</i> □ <i>Paulownia fortunei</i> ?âPreliminary Study on a Young Tree Plantation. 2022 , 12, 128	1
344	Filtered mud improves sugarcane growth and modifies the functional abundance and structure of soil microbial populations.. 2022 , 10, e12753	0
343	Long-Term Effect of Alkali and Partially Neutralized Irrigation Water on Soil Quality. 1	2
342	Ameliorative effects of plant growth promoting bacteria, zinc oxide nanoparticles and oxalic acid on <i>Luffa acutangula</i> grown on arsenic enriched soil.. 2022 , 300, 118889	4
341	Long-Term Effects of Soil Remediation with Willow Short Rotation Coppice on Biogeographic Pattern of Microbial Functional Genes.. 2022 , 10,	
340	Residual Silicon and Phosphorus Improved the Growth, Yield, Nutrient Uptake and Soil Enzyme Activities of Wheat. 1	0
339	Bentonite-humic acid improves soil organic carbon, microbial biomass, enzyme activities and grain quality in a sandy soil cropped to maize (<i>Zea mays</i> L.) in a semi-arid region. 2022 , 21, 208-221	2
338	Developing biochar and organic nutrient packages/technology as soil policy for enhancing yield and nutrient uptake in maize-black gram cropping system to maintain soil health. 1	0
337	Planting Systems Affect Soil Microbial Communities and Enzymes Activities Differentially under Drought and Phosphorus Addition.. 2022 , 11,	0

- 336 The use of plant growth promoting bacteria for biofertilization; effects on concentrations of nutrients in inoculated aqueous vermicompost extract and on the yield and quality of tomatoes. 1-17 2
- 335 Changes in soil aggregate-associated organic carbon, enzymatic activity, and biological pools under conservation agriculture based practices in rice-wheat system. 1 2
- 334 Oxalic-acid-treated low-grade rock phosphate can supplement conventional phosphorus fertilizer to grow wheat in Alfisol. 1 1
- 333 Sole- or Dual-Crop Basis Residue Mulching and Zn Fertilization Lead to Improved Productivity, Rhizo-modulation and Soil Health in Zero-Tilled Pigeonpea-Wheat Cropping System. 1 2
- 332 Durum wheat salt stress tolerance is modulated by the interaction between plant genotypes, soil microbial biomass, and enzyme activity. 0
- 331 Persistence of metribuzin in aridisols as affected by various abiotic factors and its effect on soil enzymes. 1-20 0
- 330 AMF modulated rhizospheric microbial enzyme activities and their impact on sulphur assimilation along with thiol metabolism in pigeonpea under Cd stress. **2022**, 21, 100478 2
- 329 Nitrogen uptake and biochemical activity in maize rhizosphere during growth on acidic and neutralized soils. **2022**, 21, 100468 0
- 328 Soil properties modulate the effect of different carbon amendments on growth and phosphorus uptake by cucumber plant. **2022**, 20, e1101-e1101 0
- 327 Alleviative mechanisms of silicon solubilizing *Bacillus amyloliquefaciens* mediated diminution of arsenic toxicity in rice.. **2022**, 428, 128170 3
- 326 Long-term fertilization lowers the alkaline phosphatase activity by impacting the phoD-harboring bacterial community in rice-winter wheat rotation system.. **2022**, 153406 0
- 325 Biochar alters chemical and microbial properties of microplastic-contaminated soil.. **2022**, 112807 5
- 324 Fertile islands beneath three desert vegetation on soil phosphorus fractions, enzymatic activities, and microbial biomass in the desert-oasis transition zone. **2022**, 212, 106090 0
- 323 Use of Agro-Waste as a Source of Crop Nutrients in Intensive Horticulture System. **2022**, 12, 447 1
- 322 The Integrated Effect of Microbial Inoculants and Biochar Types on Soil Biological Properties, and Plant Growth of Lettuce (L.).. **2022**, 11, 2 2
- 321 Characterization of plant growth promoting bacteria isolated from water in mangrove ecosystem. **2022**, 976, 012039 0
- 320 Phosphorus Delivery Potential in Soil Amended with Rock Phosphate Enriched Composts of Variable Crop Residues under Wheat-Green Gram Cropping Sequence. 1-18 1
- 319 Variations of soil phosphatase activity and phosphorus fractions in ginger fields exposed to different years of chloropicrin fumigation. 1 0

318	Conservation agriculture based integrated crop management sustains productivity and economic profitability along with soil properties of the maize-wheat rotation.. 2022 , 12, 1962	2
317	Suppressive Effect of Bioactive Extracts of sp. H8-1 and sp. K203 on Tomato Wilt Caused by subsp. .. 2022 , 10,	1
316	Biochar Enriched with Buffalo Slurry Improved Soil Nitrogen and Carbon Dynamics, Nutrient Uptake and Growth Attributes of Wheat by Reducing Leaching Losses of Nutrients. 2021 , 10, 1392	3
315	Comparing Soil Chemical and Biological Properties in Varied Land Use. 2021 , 54, 20-32	
314	Impacts of hydrological conditions on the activities of soil enzymes in temperate floodplain forest sites. 2022 ,	1
313	Mobilisation of unavailable phosphorus and improvement of pepper P absorption, fruit yield and quality by the wood rot-fungus <i>Fomitopsis palustris</i> CQ2018. 2022 ,	
312	The Assembly of Tropical Dry Forest Tree Communities in Anthropogenic Landscapes: The Role of Chemical Defenses.. 2022 , 11,	
311	Soil Enzyme Activity Response under the Amendment of Different Types of Biochar. 2022 , 12, 569	2
310	Biodiversity and Metabolic Potential of Bacteria in Bulk Soil from the Peri-Root Zone of Black Alder (), Silver Birch () and Scots Pine ().. 2022 , 23,	0
309	Combined Effect of Microplastics and Cd Alters the Enzymatic Activity of Soil and the Productivity of Strawberry Plants.. 2022 , 11,	5
308	Drip Fertigated Planting Systems with Polythene Mulching on Cauliflower&Eggplant Cropping Systems in Hot and Subhumid Climate: Impact on Soil Health and Crop Yield. 2022 , 53, 1261-1276	
307	Impacts of continuous and rotational cropping practices on soil chemical properties and microbial communities during peanut cultivation.. 2022 , 12, 2758	1
306	Double zero tillage and foliar phosphorus fertilization coupled with microbial inoculants enhance maize productivity and quality in a maize-wheat rotation.. 2022 , 12, 3161	0
305	Impact of Elevated CO2 on Soil&Plant Phosphorus Dynamics, Growth, and Yield of Chickpea (<i>Cicer arietinum</i> L.) in an Alkaline Vertisol of Central India. 1	0
304	Effects of Nitrogen and Phosphorus Addition on Soil Extracellular Enzyme Activity and Stoichiometry in Chinese Fir () Forests.. 2022 , 13, 834184	1
303	Long-term impact of integrated nutrient management on sustainable yield index of rice and soil quality under acidic inceptisol. 1-18	1
302	Mycorrhizal fungi alleviate acidification-induced phosphorus limitation: Evidence from a decade-long field experiment of simulated acid deposition in a tropical forest in south China.. 2022 ,	2
301	Foliar nutrient supplementation with micronutrient-embedded fertilizer increases biofortification, soil biological activity and productivity of eggplant.. 2022 , 12, 5146	0

300	Taro (<i>Colocasia esculenta</i> (L.) Schott) Yields and Soil Chemical Properties Were Improved by Row-Surface Straw Mulching. 2022 , 12, 645	0
299	Composition, activity and diversity of bacterial and fungal communities responses to inputs of phosphorus fertilizer enriched with beneficial microbes in degraded Brunic Arenosol. 2022 , 33, 844-865	0
298	Understanding biochemical defense and phytoremediation potential of <i>Leucas aspera</i> in crude oil polluted soil.. 2022 , 1	0
297	The Influence of Calcium Sulfate and Different Doses of Potassium on the Soil Enzyme Activity and the Yield of the Sward with a Mixture of Alfalfa and Grasses. 2022 , 12, 475	0
296	Interspecific differences in the responses of root phosphatase activities and morphology to nitrogen and phosphorus fertilization in Bornean tropical rain forests.. 2022 , 12, e8669	2
295	A 3-year field study reveals that agri-management practices drive the dynamics of dominant bacterial taxa in the rhizosphere of <i>Cajanus cajan</i> . 1	0
294	Isolation of phosphate solubilizing bacteria from root rhizosphere to supplement biofertilizer. 2022 , 118, 1	
293	Integrated Nutrient Management in Coconut (<i>Cocos nucifera</i> L.): an Assessment of Soil Chemical and Biological Parameters Under Subtropical Humid Climate. 1	1
292	Tembotrione combinations on enzyme activities and arbuscular mycorrhiza in maize planted soil. 1-22	
291	Amalgamation of Farmers' Bio-priming Knowledge in Integrated Nutrient Management for Sustainable Management of Red Cabbage Soil Under Middle Gangetic Plains, India.. 2022 ,	2
290	Nitrogen and phosphorus addition exerted different influences on litter and soil carbon release in a tropical forest.. 2022 , 155049	1
289	Enzymatic Stoichiometry in Soils from Physiognomies of Brazilian Cerrado. 1	0
288	Sulfonamide and quinolone antibiotics contaminated wastewater treatment by constructed rapid infiltration: efficiency and microbial community structure. 2022 , 161, 542-555	0
287	Encapsulation of <i>Bacillus pumilus</i> G5 from polyvinyl alcohol-sodium alginate (PVA-SA) and its implications in improving plant growth and soil fertility under drought and salt soil conditions.. 2022 , 209, 231-243	1
286	Biochar stability and impact on soil organic carbon mineralization depend on biochar processing, aging and soil clay content. <i>Soil Biology and Biochemistry</i> , 2022 , 169, 108657	7.5 1
285	The comparative soil fertility in traditional and alder-based shifting cultivation of varied fallow lengths in Eastern Indian Himalayas. 2021 , 67, 681-692	0
284	Difference in Biochemical Properties of Soils with Different Periods of Agricultural Practice after Conversion from Paddies to Uplands. 2021 , 54, 467-477	1
283	Alterations of P Fractions and Some Biochemical Features in Rhizosphere Soil Induced by the Root Activities of Citrus Rootstocks with Different P Acquisition Efficiency. 2022 , 55, 212-220	1

282	Reuse of Pruning Waste from Subtropical Fruit Trees and Urban Gardens as a Source of Nutrients: Changes in the Physical, Chemical, and Biological Properties of the Soil. 2022 , 12, 193	0
281	Inorganic and organic phosphate solubilization potential of <i>Stenotrophomonas maltophilia</i> . 2021 , 948, 012054	
280	Addition of Phosphatases and Phytases to Mature Compost to Increase Available Phosphorus: A Short Study. 2021 , 11, 2555	0
279	The effect of the use of a soil improver based on waste brown coal on the enzymatic activity of soil in the cultivation of Paulownia hybrids (<i>Paulownia Siebold & Zuccarini, 1835</i>). 2021 , 116, 123-130	
278	Bacterial communities and their bioremediation capabilities in oil-contaminated agricultural soils. 2021 , 194, 9	0
277	Analysis of Soil Nutrient Balance, Soil Enzymatic Activity and Growth Characteristics of Facility-grown Red Pepper (<i>Capsicum annuum L.</i>) with Incorporation of Hairy Vetch > Analysis of Soil Nutrient Balance, Soil Enzymatic Activity and Growth Characteristics of Facility-grown Red Pepper (<i>Capsicum annuum L.</i>) with Incorporation of Hairy Vetch. 2020 , 53, 1-12	
276	Hemp biochar impacts on selected biological soil health indicators across different soil types and moisture cycles.. 2022 , 17, e0264620	1
275	Organic amendment plus inoculum drivers: Who drives more P nutrition for wheat plant fitness in small duration soil experiment.. 2022 , 17, e0266279	0
274	Effects of COVID-19 lockdown on water quality, microbial extracellular enzyme activity, and sediment-P release in the Ganga River, India.. 2022 , 1	0
273	Weed Management and Crop Establishment Methods in Rice (<i>L.</i>) Influence the Soil Microbial and Enzymatic Activity in Sub-Tropical Environment.. 2022 , 11,	2
272	Interaction of TiO nanoparticles with soil: Effect on microbiological and chemical traits.. 2022 , 134629	0
271	Spatial Variability of Selected Soil Properties in Long-Term Drained and Restored Peatlands. 2022 , 10,	1
270	Effects of mechanical weeding on soil fertility and microbial community structure in star anise (<i>Illicium verum Hook.f.</i>) plantations.. 2022 , 17, e0266949	0
269	Digital mapping of soil biological properties and wheat yield using remotely sensed, soil chemical data and machine learning approaches. 2022 , 197, 106978	
268	The purple acid phosphatase GmPAP17 predominantly enhances phosphorus use efficiency in soybean. 2022 , 320, 111283	0
267	Data_Sheet_1.pdf. 2020 ,	
266	Data_Sheet_1.PDF. 2018 ,	
265	DataSheet_1.pdf. 2019 ,	

- 264 Data_Sheet_1.docx. **2018**,
- 263 Endophytic fungi isolated from plants present on a mine tailing facility show a differential growth response to lead.. **2022**,
- 262 Interactions between the soil bacterial community assembly and gene regulation in the salt-sensitive and salt-tolerant sweet sorghum cultivars. 0
- 261 Enzymatic Activity of Soil after Applications Distillery Stillage. **2022**, 12, 652
- 260 Can Olive Pruning Forms Influence the Olive Rhizosphere? The Root Microbiota and the Rhizosphere Properties in the Alto Ricaurte (Colombia). **2022**, 12, 1159
- 259 Tillage, green manure and residue retention improves aggregate-associated phosphorus fractions under rice-wheat cropping.. **2022**, 12, 7167 1
- 258 Salt-Tolerant PGPR Confer Salt Tolerance to Maize Through Enhanced Soil Biological Health, Enzymatic Activities, Nutrient Uptake and Antioxidant Defense. **2022**, 13, 3
- 257 Designing Synergistic Biostimulants Formulation Containing Autochthonous Phosphate-Solubilizing Bacteria for Sustainable Wheat Production.. **2022**, 13, 889073 0
- 256 Biochar/vermicompost promotes Hybrid Pennisetum plant growth and soil enzyme activity in saline soils.. **2022**, 183, 96-110 0
- 255 Two isolates of *Rhizophagus irregularis* select different strategies for improving plants phosphorus uptake at moderate soil P availability. **2022**, 421, 115910 0
- 254 Effects of long-term fertilization with different substitution ratios of organic fertilizer on paddy soil. **2022**, 32, 637-648 1
- 253 Residual Effects of Different Cropping Systems on Physicochemical Properties and the Activity of Phosphatases of Soil. **2022**, 12, 693 0
- 252 Effects and Relationships of Compost Dose and Organic Additives on Compost Tea Properties, Efficacy Against *Fusarium oxysporum* and Potential Effect on Endomycorrhization and Growth of *Zea mays* L.. 0
- 251 Soil Biological Activity in some Leguminous Species on Draught Affected Degraded Western Rajasthan Sites. **2014**, 37, 147-156
- 250 Organic phosphorus immobilization in microbial biomass controls how N₂-fixing trees affect phosphorus bioavailability in two tropical soils. **2022**, 8, 100247 1
- 249 Range Grasses to Improve Soil Properties, Carbon Sustainability and Fodder Security in Degraded Lands of Semi-Arid Regions.
- 248 Soil Enzymes and Their Role in Nutrient Cycling. **2022**, 173-188 0
- 247 Reclaimed Water Use in Agriculture: Effects on Soil Chemical and Biological Properties in a Long-Term Irrigated Citrus Farm. **2022**, 12, 1317 0

- 246 Soil biochemical properties and nutritional quality of rice cultivated in acidic inceptisols using long-term organic farming practices. 1-16 ○
- 245 Plant Growth-Promoting Rhizobacteria Alleviate High Salinity Impact on the Halophyte *Suaeda fruticosa* by Modulating Antioxidant Defense and Soil Biological Activity. **2022**, 13, ○
- 244 Effect of Organic and Inorganic Fertilization on Soil Enzyme Activities in Relation to Yield and Proximate Composition of *Colocasia* (*Colocasia esculenta* L) in Alfisols of Eastern India. 1-17
- 243 Metagenomics and Microbiome Engineering. **2022**, 58-100 1
- 242 Synergistic action of *Trichoderma koningiopsis* and *T. asperellum* mitigates salt stress in paddy. ○
- 241 Improvement of phosphorus uptake, phosphorus use efficiency, and grain yield in upland rice (*Oryza sativa* L.) in response to phosphate-solubilizing bacteria blended with phosphorus fertilizer. **2022**, ○
- 240 *Bacillus amyloliquefaciens* strain enhances rhizospheric microbial growth and reduces root and stem rot in a degraded agricultural system. **2022**, 22, 100544 ○
- 239 Effects of Close-to-Nature Transformation on Soil Enzyme Activities and Organic Carbon Fractions in *Cunninghamia lanceolata* and *Pinus massoniana* Plantations. **2022**, 13, 872 1
- 238 The negative effect of Chinese fir (*Cunninghamia lanceolata*) monoculture plantations on soil physicochemical properties, microbial biomass, fungal communities, and enzymatic activities. **2022**, 519, 120297 ○
- 237 Impact of long-term nutrient management on sequestration and dynamics of soil organic carbon in a semi-arid tropical Alfisol of India. **2022**, 177, 104549 1
- 236 Soybean extracts can improve plant development. 80,
- 235 Rhizobacteria helps to explain the enhanced efficiency of phytoextraction strengthened by *Streptomyces pactum*. **2023**, 125, 73-81 1
- 234 Assessing soil quality and their indicators for long-term rice-based cropping systems in hot sub-humid eco-region of India. **2022**, ○
- 233 Competition and Niche Differentiation of Water and Nutrients between *Broussonetia papyrifera* and *Platyclusus orientalis* under Prolonged Drought Stress. **2022**, 12, 1489
- 232 Arbuscular Mycorrhizal Fungi and Soil Quality Indicators in *Eucalyptus* genotypes With Different Drought Tolerance Levels. 3,
- 231 Changes in growth pattern and rhizospheric soil biochemical properties of a leguminous tree species *Leucaena leucocephala* under long-term exposure to elevated ozone. **2022**, 12,
- 230 Agroforestry offers multiple ecosystem services in degraded lateritic soils. **2022**, 132768 ○
- 229 Intensive management of a bamboo forest significantly enhanced soil nutrient concentrations but decreased soil microbial biomass and enzyme activity: a long-term chronosequence study.

- 228 Inoculation with the pH Lowering Plant Growth Promoting Bacterium *Bacillus* sp. ZV6 Enhances Ni Phytoextraction by *Salix alba* from a Ni-Polluted Soil Receiving Effluents from Ni Electroplating Industry. **2022**, 14, 6975
- 227 Soil Organic Phosphorus Cycling Around the Roots of a Native Grass in Two Contrasting Tropical Savannas.
- 226 Effect of *Bacillus megaterium* var. *phosphaticum* applied together with rock phosphate on wheat yield and some soil properties in a calcareous soil. **2022**, 11, 198-205
- 225 Complexation, retention and release pattern of arsenic from humic/fulvic acid extracted from zinc and iron enriched vermicompost. **2022**, 318, 115531 1
- 224 Un-biodegradable and biodegradable plastic sheets modify the soil properties after six months since their applications. **2022**, 308, 119608 0
- 223 Phosphate solubilizing bacteria inoculated low-grade rock phosphate can supplement P fertilizer to grow wheat in sub-tropical inceptisol. **2022**, 23, 100556 3
- 222 Phosphate solubilizing bacteria can significantly contribute to enhance P availability from polyphosphates and their use efficiency in wheat. **2022**, 262, 127094 2
- 221 Mycorrhizas: Role in N and P cycling and nutrition of forest trees. **2022**, 405-422
- 220 Short-term effect of biochar on the improvement of calcareous soil biological properties and marjoram (*Origanum majorana* L.) growth under greenhouse conditions in a Mediterranean climate. **2022**, 50, 12688
- 219 Transition in plant-plant facilitation in response to soil water and phosphorus availability in a legume-cereal intercropping system. **2022**, 22, 0
- 218 Rice Growth Performance, Nutrient Use Efficiency and Changes in Soil Properties Influenced by Biochar under Alternate Wetting and Drying Irrigation. **2022**, 14, 7977
- 217 Chlorpyrifos Degradation in Semi-Arid Soil by *Pseudomonas fluorescens* Strain CD5 Isolated from Manured Soil. 1-18
- 216 Effect of supplementing biochar obtained from different wastes on biochemical and yield response of French bean (*Phaseolus vulgaris* L.): An experimental study. **2022**, 43, 102432
- 215 Enzymatic stoichiometry in tropical soil under pure and mixed plantations of eucalyptus with N₂-fixing trees. 80, 0
- 214 Biochemical and Microbiological Soil Effects of a Biostimulant Based on *Bacillus licheniformis*-Fermented Sludge. **2022**, 12, 1743 0
- 213 Co-inoculation of biochar and arbuscular mycorrhizae for growth promotion and nutrient fortification in soybean under drought conditions. 13, 0
- 212 Positive effects of maize incorporation into the traditional tobacco cropping systems on soil nutrients, microbial biomass, enzyme activities, and bacterial compositions. 1-13
- 211 The functional structure of plant communities drives soil functioning via changes in soil abiotic properties. 1

- 210 Available P Enhancement in Andisols under Pasture and Rock Phosphate Amended with Poultry Manure.
- 209 Mycorrhization of strawberry plantlets potentiates the synthesis of phytochemicals during ex vitro acclimatization. 44, e55682
- 208 Biochar Additions Alter the Abundance of P-Cycling-Related Bacteria in the Rhizosphere Soil of *Portulaca oleracea* L. under Salt Stress. **2022**, 6, 64 0
- 207 Agronomic efficiency and genome mining analysis of the wheat-biostimulant rhizospheric bacterium *Pseudomonas pergaminensis* sp. nov. strain 1008T. 13, 2
- 206 Liquid Bioformulation Regulates Soil Microbial and Enzymatic Activities, and Nutrient Dynamics in Drip-Irrigated Aerobic Rice. 1-21
- 205 Environmental Safety Assessments of Lipid Nanoparticles Loaded with Lambda-Cyhalothrin. **2022**, 12, 2576
- 204 Effect of arbuscular mycorrhizal fungi and phosphorus on drought-induced oxidative stress and 14-3-3 proteins gene expression of *Populus cathayana*. 13,
- 203 Comparison of bacterial diversity, root exudates and soil enzymatic activities in the rhizosphere of AVP1 -transgenic and nontransgenic wheat (*Triticum aestivum* L.). 0
- 202 Range grasses to improve soil properties, carbon sustainability, and fodder security in degraded lands of semi-arid regions. **2022**, 158211 1
- 201 The Effect of Sheep Wool Fertilizer on Some Biochemical Properties of a Clay Loam Soil. 1-14
- 200 Performance of two aromatic grasses grown in association with mulberry trees on degraded land in the north-western Himalayan foothills. 1-11
- 199 Continuous Cropping and Fertilization on Vertical Distribution of Major Nutrients, SOC Dynamics Through FT-IR Spectroscopy and Developing Soil Quality Indices Under Sandy Clay Loam Soil. 1-22 1
- 198 Effect of reduced tillage and mulching on soil health in *Sesbania* alley cropping based rainfed food - fodder systems. 1-15
- 197 Muz Atıklar-Kompostunun Toprağın Azot ve Fosfor ile İlişkili Enzimatik Aktiviteleri Üzerine Kısa Süreli Etkisinin İncelenmesi. **2022**, 8, 328-339
- 196 Spatiotemporal distributions and relationships of phosphorus content, phosphomonoesterase activity, and bacterial phosphomonoesterase genes in sediments from a eutrophic brackish water lake in Chile. **2022**, 320, 115906 0
- 195 Effect of biochar amendment on metal mobility, phytotoxicity, soil enzymes, and metal-uptakes by wheat (*Triticum aestivum*) in contaminated soils. **2022**, 307, 135889 3
- 194 Bioremediation of metal(loid) cocktail, struvite biosynthesis and plant growth promotion by a versatile bacterial strain *Serratia* sp. KUJM3: Exploiting environmental co-benefits. **2022**, 214, 113937
- 193 Microbes-mediated integrated nutrient management for improved rhizo-modulation, pigeonpea productivity, and soil bio-fertility in a semi-arid agro-ecology. 13, 0

192	Intercropping regulation of soil phosphorus composition and microbially-driven dynamics facilitates maize phosphorus uptake and productivity improvement. 2022 , 287, 108666	0
191	Soil properties and fine root morphological traits in relation to soil particle-size fractions in a broad-leaved beech (<i>Fagus orientalis</i> Lipsky) forest. 2022 , 117, 103852	0
190	Evaluation of agricultural soil health after applying pyraclostrobin in wheat/maize rotation field based on the response of soil microbes. 2022 , 340, 108186	1
189	Monitoring the effects of pH and EC regulated drip fertigation on microbial dynamics of calcareous soil in tomato (<i>Solanum lycopersicum</i> L.) cultivation under greenhouse conditions in a Mediterranean climate. 2022 , 306, 111448	0
188	Role of soil minerals on organic phosphorus availability and phosphorus uptake by plants. 2022 , 428, 116125	0
187	Changes in rhizosphere phosphorus fractions and phosphate-mineralizing microbial populations in acid soil as influenced by organic acid exudation. 2023 , 225, 105543	0
186	The effects of boron-enriched water irrigation on soil microbial community are dependent on crop species. 2023 , 181, 104677	0
185	Comparative Analysis of Bacterial Communities and Their Functional Genes Under Low and Moderate Rice-Sodic Soils.	0
184	Effect of biochar doses under various levels of salt stress on soil nutrient availability, soil enzyme activities and plant growth in a marigold crop. 2022 ,	0
183	Potential of methyltransferase containing <i>Pseudomonas oleovorans</i> for abatement of arsenic toxicity in rice. 2023 , 856, 158944	1
182	Sorghum Allelopathy: Alternative Weed Management Strategy and Its Impact on Mung Bean Productivity and Soil Rhizosphere Properties. 2022 , 12, 1359	2
181	A photosynthetic bacterial inoculant exerts beneficial effects on the yield and quality of tomato and affects bacterial community structure in an organic field. 13,	0
180	Impact of Long-Term Conservation Agriculture Practices on Phosphorus Dynamics under Maize-Based Cropping Systems in a Sub-Tropical Soil. 2022 , 11, 1488	0
179	Soil water and phosphorus availability determines plant-plant facilitation in maize-grass pea intercropping system.	0
178	Sediment microbial community structure, enzymatic activities and functional gene abundance in the coastal hypersaline habitats.	0
177	Jelatin Kullanılarak Sentezlenen Çinko Nanopartiküller ile Esansiyel Yağların Antibakteriyel, Toprak Solunum Ve Toprak Enzim Aktivitelerinde Sinerjistik Etkisi. 732-749	0
176	Wheat (<i>Triticum aestivum</i>) Establishment Methods and Microbial Inoculation for Improving Soil Microbial Properties and Crop Productivity.	0
175	Proper irrigation amount for eggplant cultivation in a solar greenhouse improved plant growth, fruit quality and yield by influencing the soil microbial community and rhizosphere environment. 13,	1

174	Application of soil amendments to enhance soil carbon and biological properties in a paddy field under elevated CO ₂ conditions. 1-18	0
173	Double zero-tillage and foliar-P nutrition coupled with bio-inoculants enhance physiological photosynthetic characteristics and resilience to nutritional and environmental stresses in maize-wheat rotation. 13,	1
172	Seasonal behaviour of carbon mineralisation kinetics, microbial biomass carbon and enzyme activities in three natural ecosystems of Kaziranga National Park, Assam, North East India.	0
171	Prolific contribution of <i>Pseudomonas protegens</i> in Zn biofortification of wheat by modulating multifaceted physiological response under saline and non-saline conditions. 2022, 38,	0
170	Impact of the Cultivation System and Pre-Sprouting of Selected Potato Cultivars on the Physico-Chemical Properties and Enzymatic Activity of Soil in the Conditions of Central-Eastern Poland. 2022, 12, 2207	0
169	Use of <i>Serendipita indica</i> to improve soybean growth, physiological properties, and soil enzymatic activities under different Cd concentrations. 2022, 9,	0
168	The fate of fertilizer-derived phosphorus under different long-term fertilization regimes: A phosphate oxygen isotope study. 2022, 159263	0
167	Understanding the Effect of Irrigation with Chromium Loaded Tannery Effluent on <i>Ocimum basilicum</i> L. vis-a-vis Metal Uptake.	0
166	Coexistence Desert Plants Respond to Soil Phosphorus Availability by Altering the Allocation Patterns of Foliar Phosphorus Fractions and Acquiring Different forms of Soil Phosphorus.	0
165	Dysbiosis of the rhizosphere microbiome caused by γ -irradiation alters the composition of root exudates and reduces phosphorus uptake by rice in flooded soils.	0
164	Sorbitol and biochar have key roles in microbial and enzymatic activity of saline-sodic and calcareous soil in millet cropping.. 2022, 24, 100598	0
163	Conservation agriculture in elephant foot yam (<i>Amorphophallus paeniifolius</i>) + banana (<i>Musa AAB</i>) system for higher productivity and profit: Results of an on-farm validation trial. 2020, 90, 1402-1410	0
162	Influence of novel microbial formulations on enzymes and microbial indices of soil during wheat cultivation. 2020, 90, 1925-1930	0
161	Impact of organic nutrients on soil health and enzyme activity in soybean (<i>Glycine max</i>) on typic Heplustepts soils in Rajasthan. 2020, 90, 2125-2131	0
160	Effect of integrated nitrogen management on soil properties and enzymatic activities. 2020, 90, 2192-2198	0
159	Fertility status in wheat (<i>Triticum aestivum</i>) under long-term nutrient management practices in an Alfisol. 2021, 91,	0
158	Soil biological properties as influenced by phospho-enriched compost and fertility levels in maize (<i>Zea mays</i>). 2021, 91,	0
157	Soil biological properties as influenced by organic nutrient management in soybean (<i>Glycine max</i>). 2021, 91,	0

- 156 Soil microbial properties as influenced by agri-silvi-horticultural system under semi-arid region of Haryana. **2021**, 91, ○
- 155 Comparison of Heat-Treated and Unheated Vermicompost on Biological Properties of Calcareous Soil and Aloe Vera Growth under Greenhouse Conditions in a Mediterranean Climate. **2022**, 12, 2649 ○
- 154 The Impact of Different Planting Systems on the Bacterial Diversity of Rice Cultivated in Saline Soil Based on 16S rRNA Gene-Based Metagenomic Insights. **2022**, 12, 1624 ○
- 153 COVID-19 lockdown-driven changes in the Ganga River ecosystem in response to human perturbations. **2022**, 194, ○
- 152 Diversification of Rice-Based Cropping System for Improving System Productivity and Soil Health in Eastern Gangetic Plains of India. **2022**, 12, 2393 ○
- 151 Residual effect of rock-phosphate and PSB on rice yield and soil properties. **2021**, 91, 1
- 150 Soil Fertility Evaluation and Management by SFM Model in IIA-IDD Zone of Rajasthan. **2023**, 445-461 ○
- 149 Persistence, leaching and associated toxicity risks of insecticide pyriproxyfen in soil ecosystem. ○
- 148 Inoculation with phosphate-solubilizing bacteria alters microbial community and activates soil phosphorus supply to promote maize growth. ○
- 147 Effects of Agricultural Management of Spent Mushroom Waste on Phytotoxicity and Microbiological Transformations of C, P, and S in Soil and Their Consequences for the Greenhouse Effect. **2022**, 19, 12915 ○
- 146 Long-Term Impact of Different Straw Management Practices on Carbon Fractions and Biological Properties under Rice-Wheat System. **2022**, 12, 1733 1
- 145 Synergistic enhancement of the phytostabilization of a semiarid mine tailing by a combination of organic amendment and native microorganisms (*Funneliformis mosseae* and *Bacillus cereus*). **2022**, 137106 2
- 144 Purple acid phosphatases in coffee-genome-wide identification and the transcriptional profile of selected members in roots upon Pi starvation. **2022**, 12, ○
- 143 Exploring the potential of P solubilizing rhizobacteria for enhanced yield and quality in turmeric (*Curcuma longa* L.). **2022**, 189, 115826 ○
- 142 Short-term effects of post-fire soil mulching with wheat straw and wood chips on the enzymatic activities in a Mediterranean pine forest. **2023**, 857, 159489 ○
- 141 Quantifying the relative importance of controls and assay conditions for reliable measurement of soil enzyme activities with para-nitrophenol substrates. **2023**, 429, 116234 ○
- 140 Exploring invasive weed biochar as soil amendment: A study on fodder oats productivity and soil biological properties. **2023**, 216, 114527 ○
- 139 Resiliencies of soil phosphorus fractions after natural summer fire are governed by microbial activity and cation availability in a semi-arid Inceptisol. **2023**, 216, 114583 ○

- 138 Crude oil associated heavy metals (HMs) contamination in agricultural land: Understanding risk factors and changes in soil biological properties. **2023**, 310, 136890 ○
- 137 Effect of green manure and plant density on correlation between rhizospheric bio-chemical properties and rice (*Oryza sativa*) yield. **2020**, 90, 287-291 ○
- 136 Significance of zinc fertilization and microbial inoculation on phosphorus nutrition of rice (*Oryza sativa*). **2020**, 90, 750-755 ○
- 135 Litters effect on soil physicochemical and biological processes. **2020**, 90, 1166-1169 ○
- 134 New Insights into the Phosphorus Acquisition Capacity of Chilean Lowland Quinoa Roots Grown under Low Phosphorus Availability. **2022**, 11, 3043 ○
- 133 A comparative evaluation of the effects of seed invigoration treatments with precursor zinc salt and nano-sized zinc oxide (ZnO) particles on vegetative growth, grain yield, and quality characteristics of *Zea mays*. **2022**, 13, 1 ○
- 132 Remediation of polycyclic aromatic hydrocarbons in aged agricultural soil using spent *Pleurotus eryngii* mushroom substrate. ○
- 131 Soil microbial properties influenced with long term application of manures and fertilizers. **2020**, 90, 172-182 ○
- 130 Dynamics of Enzyme Activities during the Decomposition of *Castanopsis carlesii* Leaf Litter in the Forest Canopy and Forest Floor in a Mid-Subtropical Area. **2022**, 13, 1944 ○
- 129 Effects of sunflower residue management options on productivity and profitability of succeeding rice under different crop establishment methods. **2023**, 290, 108763 ○
- 128 Effects of perfluorinated compounds homologues on chemical property, microbial composition, richness and diversity of urban forest soil. **2023**, 249, 114458 ○
- 127 Eco-friendly bio-encapsulation from sodium alginate-trehalose-kaolin and its performance evaluation in improving plant growth under salt or/and drought conditions. **2023**, 225, 123-134 1
- 126 Impacts of deforestation and forest regeneration on soil bacterial communities associated with phosphorus transformation processes in the Brazilian Amazon region. **2023**, 146, 109779 ○
- 125 Soil carbon, nitrogen, and biotic properties after long-term no-till and nitrogen fertilization in a subtropical Vertisol. **2023**, 227, 105614 ○
- 124 Nitrogen deposition in low-phosphorus tropical forests benefits soil C sequestration but not stabilization. **2023**, 146, 109761 ○
- 123 Successive cultivation of cabbage and spinach by land application of recycled slaughterhouse waste: Benefit to farmers and agro-ecosystem health. **2023**, 29, 102967 ○
- 122 Assembly between wheat cultivars and soil microorganisms modulates phosphorus and water use efficiency. **2023**, 25, 100631 ○
- 121 Functioning of semi-arid soils under long-term mining activity with trace elements at high concentrations. **2023**, 222, 106851 ○

120	Impact of polyethylene microplastics and copper nanoparticles: Responses of soil microbiological properties and strawberry growth. 2023 , 184, 104773	0
119	Microbial priming for in situ management of paddy straw and its effects on soil microbiological properties under rice-wheat cropping system. 2019 , 89,	0
118	Effect of organic sources of nutrients on performance of soybean (<i>Glycine max</i>). 2019 , 89,	0
117	Rhizosphere soil microbial communities under foxtail millet continuous and rotational cropping systems and their feedback effects on foxtail millet downy mildew suppression.	0
116	Application of biochar and sulfur-modified biochar in a saline-sodic and calcareous soil: Effects on soil water content, soil biochemical properties and millet (<i>Panicum miliaceum</i>) yield.	0
115	Physiological analysis of drought stress influenced by <i>Claroideoglossum claroideum</i> inoculation of in vitro or seed-propagated <i>Coleus forskohlii</i> Briq plants.	1
114	Grazing and ecosystem service delivery in global drylands. 2022 , 378, 915-920	5
113	Effects of land uses and soil types on microbial activity and community structure. 2022 , 36, 323-336	0
112	Chemical and Biological Properties of Agricultural Soils Located along Communication Routes. 2022 , 12, 1990	1
111	Microbial inoculants improve nutrients uptake and yield of durum wheat in calcareous soils under drought stress in the Mediterranean region. 1-15	0
110	Phosphorus-Solubilizing Capacity of <i>Mortierella</i> Species Isolated from Rhizosphere Soil of a Poplar Plantation. 2022 , 10, 2361	0
109	Zinc oxide nanoparticles in combination with biochar alleviates arsenic accumulation in field grown rice crop.	0
108	Can Lunar and Martian Soils Support Food Plant Production? Effects of Horse/Swine Monogastric Manure Fertilisation on Regolith Simulants Enzymatic Activity, Nutrient Bioavailability, and Lettuce Growth. 2022 , 11, 3345	0
107	Genome wide association studies for acid phosphatase activity at varying phosphorous levels in <i>Brassica juncea</i> L. 13,	0
106	Differential responses and mechanistic controls of soil phosphorus transformation in Eucalyptus plantations with N fertilization and introduced N ₂ -fixing tree species.	0
105	Plant Performance and Soil Microbial Responses to Irrigation Management: A Novel Study in a Calafate Orchard. 2022 , 8, 1138	0
104	Involvement of Soil Microorganisms in C, N and P Transformations and Phytotoxicity in Soil from Post-Industrial Areas Treated with Chemical Industry Waste. 2023 , 13, 12	0
103	A core microbiome in the hyphosphere of arbuscular mycorrhizal fungi has functional significance in organic phosphorus mineralization.	0

102	Spontaneous Plants Improve the Inter-Row Soil Fertility in a Citrus Orchard but Nitrogen Lacks to Boost Organic Carbon. 2022 , 9, 151	0
101	Beneficial effects of an indigenous arbuscular mycorrhizal consortium on phosphate nutrition and growth of argan tree seedlings. 1-15	0
100	Use of Biostimulants Obtained from Sewage Sludge for the Restoration of Soils Polluted by Diuron: Effect on Soil Biochemical Properties. 2023 , 13, 24	1
99	Depth-Related Changes in Soil P-Acquiring Enzyme Activities and Microbial Biomass—The Effect of Agricultural Land Use/Plant Cover and Pedogenic Processes. 2022 , 12, 2079	0
98	The Long-Term (13 years) Effect of Rice Based Organic Farming on Soil Sulphur Dynamics in a Typic Ustochrept Soil of Indo Gangetic Plain of India.	0
97	Tillage and N-source affect soil fertility, enzymatic activity, and crop yield in a maize-rice rotation system in the Indian Terai zone. 10,	1
96	Agro-physiological and soil microbial responses to desalinated seawater irrigation in two crops. 2023 , 250, 114507	0
95	Carbon Accumulation, Soil Microbial and Enzyme Activities in Elephant Foot Yam-Based Intercropping System. 2023 , 13, 187	0
94	The Effect of Enzyme Activity on Carbon Sequestration and the Cycle of Available Macro- (P, K, Mg) and Microelements (Zn, Cu) in Phaeozems. 2023 , 13, 172	0
93	A novel FePO ₄ nanosized fertilizer is as efficient as triple superphosphate in sustaining the growth of cucumber plants.	0
92	Integration of organics in nutrient management for rice-wheat system improves nitrogen use efficiency via favorable soil biological and electrochemical responses. 13,	0
91	Microbial enzymatic stoichiometry and the acquisition of C, N, and P in soils under different land-use types in Brazilian semiarid. 2023 , 5,	0
90	Effect of Keratin Hydrolysates Obtained from Feather Decomposition by <i>Trichophyton ajelloi</i> on Plant Germination, Growth and Biological Activity of Selected Arable Soils under Model Conditions. 2023 , 13, 187	0
89	Enzyme activities in soils under heavy metal pollution: a case study from the surroundings of a non-ferrous metal plant in Bulgaria. 2023 , 37, 49-57	0
88	Sediment microbial community structure, enzymatic activities and functional gene abundance in the coastal hypersaline habitats. 2023 , 205,	0
87	An assessment of the efficacy of biochar and zero-valent iron nanoparticles in reducing lead toxicity in wheat (<i>Triticum aestivum</i> L.).. 2023 , 319, 120979	0
86	Long-term organic fertilization promotes the resilience of soil multifunctionality driven by bacterial communities. 2023 , 177, 108922	0
85	Pulse crop and organic amendments in cropping system improve soil quality in rice ecology: Evidence from a long-term experiment of 16 years. 2023 , 430, 116334	0

- 84 The Application of Biochar from Waste Biomass to Improve Soil Fertility and Soil Enzyme Activity and Increase Carbon Sequestration. **2023**, 16, 380 ○
- 83 Effect of arbuscular mycorrhizal inoculation on growth, mineral nutrient uptake, photosynthesis and antioxidant activities of black pepper cuttings. 1-17 ○
- 82 Soil Properties and Bacterial Communities Associated with the Rhizosphere of the Common Bean after Using *Brachiaria brizantha* as a Service Crop: A 10-Year Field Experiment. **2023**, 15, 488 ○
- 81 The Impact of Municipal Waste on Seasonal and Spatial Changes in Selected Macro- and Micro-Nutrient Contents on the Background of Soil Biological Activity—A Case Study. **2023**, 13, 47 ○
- 80 Effect of Soil Type and In Vitro Proliferation Conditions on Acclimation and Growth of Willow Shoots Micropropagated in Continuous Immersion Bioreactors. **2023**, 12, 132 ○
- 79 Effect of Cow Urine on the Biochemical and Microbial Properties of Cow Dung Derived Biogas Slurry. **2022**, 12, 88-95 ○
- 78 Impact of long-term integrated nutrient management on soil quality and productivity of cotton (*Gossypium* spp.) + greengram (*Vigna radiata*) intercropping system in vertisols under semi-arid agroecosystem. 1-19 ○
- 77 Effect of legume leaf mulch and fertilizer on soil quality and rice yield for small scale production. **2022**, ○
- 76 Oxalic acid treated low grade rock phosphate can be a potent supplemental P source to grow wheat in inceptisol. 1-14 ○
- 75 Vesicular arbuscular mycorrhiza (VAM) mediated solubilization of phosphorus in clayey soil. **2011**, 12, 59-63 ○
- 74 Evaluating heavy metal pollution risks and enzyme activity in soils with intensive hazelnut cultivation under humid ecological conditions. **2023**, 195, ○
- 73 Triple-Zero Tillage and System Intensification lead to enhanced Productivity, Micronutrient Biofortification and Moisture-Stress Tolerance Ability in Chickpea in a Pearl millet—Chickpea Cropping System of Semi-arid Climate. ○
- 72 Characterization of Biomineralizing and Plant Growth-Promoting Attributes of Lithobiontic Bacteria. **2023**, 80, ○
- 71 Agricultural Use of Urban Sewage Sludge from the Wastewater Station in the Municipality of Alexandria in Romania. **2023**, 15, 458 1
- 70 White-rot fungus *Ceriporia lacerata* HG2011 improved the biological nitrogen fixation of soybean and the underlying mechanisms. ○
- 69 Credibility assessment of cold adaptive *Pseudomonas jesenni* MP1 and *P. palleroniana* N26 on growth, rhizosphere dynamics, nutrient status, and yield of the kidney bean cultivated in Indian Central Himalaya. 14, ○
- 68 PhoD Harboring Microbial Community and Alkaline Phosphatase as Affected by Long Term Fertilization Regimes on a Calcareous Soil. **2023**, 13, 363 ○
- 67 Phosphorus Use Management in Paddy Fields by Enriching Periphyton with Its Phosphate-Solubilizing Bacteria and Fungi at the Late Stage of Rice Growth. ○

- 66 Effect of integrated crop management modules on crop productivity and soil physicochemical and biological properties under direct-seeded basmati rice (*Orzya sativa*). **2018**, 88, 1142-1146 ○
- 65 Screening of potential phosphate solubilizing bacteria inoculants should consider the contrast in phosphorus bio-solubilization rate along with plant growth promotion and phosphorus use efficiency. **2023**, 134, ○
- 64 The role of biochar and sulfur-modified biochar on soil water content, biochemical properties and millet crop under saline-sodic and calcareous soil. ○
- 63 Rice residue recirculation enhances mobilization and plant acquisition of soil inorganic phosphorus by increasing silicon availability in a semi-arid Inceptisol. **2023**, 7, ○
- 62 Livestock grazing-exclusion under global warming scenario decreases phosphorus mineralization by changing soil food web structure in a Tibetan alpine meadow. **2023**, 873, 162313 ○
- 61 Microplastics alter soil enzyme activities and microbial community structure without negatively affecting plant growth in an agroecosystem. **2023**, 322, 138188 ○
- 60 Biochar amendments combined with organic fertilizer improve maize productivity and mitigate nutrient loss by regulating the C:N:P stoichiometry of soil, microbiome, and enzymes. **2023**, 324, 138293 ○
- 59 Long-term implementation of a silvopastoral system enhances soil P availability and bacterial diversity. **2023**, 433, 116458 ○
- 58 Improvement of cadmium immobilization in contaminated paddy soil by using ureolytic bacteria and rice straw. **2023**, 874, 162594 ○
- 57 How harmful are exotic plantations for soils and its microbiome? A case study in an arid island. **2023**, 879, 163030 ○
- 56 Dynamics of soil bio-physicochemical properties under different disturbance regimes in sal forests in western Himalaya, India. **2023**, 879, 163050 ○
- 55 Elevated CO₂ alters aggregate-carbon and microbial community but does not affect total soil organic C in the semi-arid tropics. **2023**, 187, 104843 ○
- 54 Polythene mulching and fertigation in peanut (*Arachis hypogaea*): Effect on crop productivity, quality, water productivity and economic profitability. **2018**, 88, 1668-1678 ○
- 53 *Bacillus amyloliquefaciens* FG14 as a potential biocontrol strain against rusty root rot of *Panax ginseng*, and its impact on the rhizosphere microbial community. **2023**, 182, 105221 ○
- 52 Recycling rice straw enhances the solubilisation and plant acquisition of soil phosphorus by altering rhizosphere environment of wheat. **2023**, 228, 105647 ○
- 51 Assessment of cumulative microbial respiration and their ameliorative role in sustaining maize growth under salt stress. **2023**, 196, 33-42 ○
- 50 Effects of nitrogen deposition on soil enzymatic activity and soil microbial community in a Mediterranean holm oak forest. **2023**, 430, 116354 ○
- 49 Response of Biochemical Properties in Agricultural Soils Polluted with 4-Chloro-2-methylphenoxyacetic Acid (MCPA) under Severe Drought Conditions. **2023**, 13, 478 ○

- 48 Response of Soil Enzymatic and Microbial Activities to Mixture Formulation of Mesosulfuron Methyl and Iodosulfuron Methyl and Its Degradation in Soil. 1-22 ○
- 47 Metal Release from Microplastics to Soil: Effects on Soil Enzymatic Activities and Spinach Production. **2023**, 20, 3106 ○
- 46 Evaluation of the Usefulness of Fermented Liquid Organic Formulations and Manures for Improving the Soil Fertility and Productivity of Brinjal (*Solanum melongena* L.). **2023**, 13, 417 ○
- 45 Differential responses of phosphorus accumulation and mobilization in Moso bamboo (*Phyllostachys edulis* (Carrière) J. Houz) seedlings to short-term experimental nitrogen deposition. **2023**, 80, ○
- 44 Response to Drought Stress of In Vitro and In Vivo Propagated *Physalis peruviana* L. Plants Inoculated with Arbuscular Mycorrhizal Fungi. **2023**, 13, 472 ○
- 43 The role of long-term mineral and manure fertilization on P species accumulation and phosphate-solubilizing microorganisms in paddy red soils. **2023**, 9, 101-116 ○
- 42 Silicon and arbuscular mycorrhizal species complement in improving soil characteristics, sulfur metabolism and antioxidant defense responses in arsenic stressed *Cajanus cajan* (L.) Millsp. 1-19 ○
- 41 Soil Phosphorus Dynamics and P Uptake by Medicinal Crops as Influenced by Locally Available Organic Amendments in Light-Textured Soil of Semi-arid Western India. ○
- 40 Exploring root architecture and rhizosphere biology in fourteen winter wheat varieties released in Chile from 1965 to 2020. ○
- 39 Effect of conjoint use of bioactive phosphocompost and chemical fertilizers on plant growth and soil properties under pea (*Pisum sativum*) cropping. **2018**, 88, 1030-1036 ○
- 38 Sustainable Use of Organic Matter Obtained from the Bottom of a Post-Mining Pit Reservoir—A Case Study on the Creation of Raduszyn Lake in Poland. **2023**, 16, 2223 1
- 37 Long-term effect of FYM and inorganic fertilizers on soil quality and sustainable productivity of soybean (*Glycine max*) and safflower (*Carthamus tinctorius*) in Vertisol. **2018**, 88, 845-850 ○
- 36 Vertical changes in P-acquiring enzyme activities and microbial biomass in Luvisols—The effect of different types of agricultural land use and soil-forming processes. **2023**, 432, 116406 ○
- 35 Direct and indirect effects of dominant plants on ecosystem multifunctionality. 14, ○
- 34 Molecular Characterization and Mineralizing Potential of Phosphorus Solubilizing Bacteria Colonizing Common Bean (*Phaseolus vulgaris* L.) Rhizosphere in Western Kenya. **2023**, 2023, 1-10 ○
- 33 Comparison of biological soil quality indicators under different nutrient management techniques in semi-arid parts of India. **2023**, 13, 321-334 ○
- 32 Organic Farming Favors *phoD*-Harboring Rhizospheric Bacterial Community and Alkaline Phosphatase Activity in Tropical Agroecosystem. **2023**, 12, 1068 ○
- 31 Co-Inoculation of Mycorrhizal Fungi with Bacterial Fertilizer Along with Intercropping Scenarios Improves Seed Yield and Oil Constituents of Sesame. ○

- 30 ACC deaminase producing PGPR modulates nutrients uptake, soil properties and growth of cluster bean (*Cyamopsis tetragonoloba* L.) under deficit irrigation. ○
- 29 Application of biogas-slurry and biochar improves soil multifunctionality in a poplar plantation during afforestation processes. ○
- 28 Novel synergism of *Cedecea lapagei* KU14 and *Bacillus subtilis* KU21 for sustainable productivity of *Rosmarinus officinalis* in Northwest Himalayas. **2023**, 25, 100683 ○
- 27 Ultimate fate of Halosulfuron methyl and its effect on enzymatic and microbial activities in three textured soils. **2023**, ○
- 26 Abiotic and biotic drivers of struvite solubilization in contrasting soils. **2023**, ○
- 25 Exopolysaccharide-producing bacteria enhanced Pb immobilization and influenced the microbiome composition in rhizosphere soil of pakchoi (*Brassica chinensis* L.). 14, ○
- 24 Cold-tolerant phosphate-solubilizing *Pseudomonas* strains promote wheat growth and yield by improving soil phosphorous (P) nutrition status. 14, ○
- 23 Use of Shotgun Metagenomics to Assess the Microbial Diversity and Hydrocarbons Degrading Functions of Auto-Mechanic Workshops Soils Polluted with Gasoline and Diesel Fuel. **2023**, 11, 722 ○
- 22 Effect of pretreated and anaerobically digested microalgae on the chemical and biochemical properties of soil and wheat grown on fluvisol. 1-14 ○
- 21 Modification of Inorganic Fractions of Phosphorus by Phosphate-Solubilising Microorganisms in Conjunction with Phosphorus Fertilisation in a Tropical Inceptisol. ○
- 20 Influence of tillage and residue management practices on productivity, sustainability, and soil biological properties of rice-barley cropping systems in indo-gangetic plain of India. 14, ○
- 19 *Siccibacter colletis* as a member of the plant growth-promoting rhizobacteria consortium to improve faba-bean growth and alleviate phosphorus deficiency stress. 7, ○
- 18 Specific and Intraspecific P Efficiency of Small-Grain Legumes as Affected by Long-Term P Management. **2023**, 13, 900 ○
- 17 Soil fertility, microbial dynamics and mustard yield potential mediated by addition of organic amendments under sodic irrigation water. 1-17 ○
- 16 Biopriming with *Bacillus subtilis* Enhanced the Sulphur Use Efficiency of Indian Mustard under Graded Levels of Sulphur Fertilization. **2023**, 13, 974 ○
- 15 Organic fertilization drives shifts in microbiome complexity and keystone taxa increase the resistance of microbial mediated functions to biodiversity loss. **2023**, 59, 441-458 ○
- 14 Short Term Impact of Recycling-Derived Fertilizers on Their P Supply for Perennial Ryegrass (*Lolium perenne*). ○
- 13 The effects of feeding with organic waste by terrestrial isopod *Philoscia Muscorum* on enzyme activities in an incubated soil. **2023**, 12, 122-126 ○

- 12 Agronomic response, physiological and bio-chemical composition of transplanted rice influenced by nutrient management practices. **2023**, 60, 203-212 ○
- 11 Impact of Biomass Recycling and Fertilization on Soil Microbiological Characteristics and Wheat Productivity in Semi-Arid Environment. **2023**, 13, 1054 ○
- 10 Resistance and resilience of soil biological indicators: A case study with multi walled carbon nanotube (MWCNT). **2023**, ○
- 9 The effect of petroleum levels on some soil biological properties under phytoremediation and bioaugmentation. ○
- 8 Root morphological and physiological traits are committed to the phosphorus acquisition of the desert plants in phosphorus-deficient soils. **2023**, 23, ○
- 7 Changes in Soil Organic Pool and Carbon Preservation Capacity of Macro- and Micro-aggregates in Response to Land-Use Change in North-Western India. ○
- 6 New Insight into Phosphorus Release of Rhizosphere Soil in the Water Level Fluctuation Zone. **2023**, 15, 6635 ○
- 5 Consortia of Plant Growth-Promoting Rhizobacteria and Selected Catch Crops for Increasing Microbial Activity in Soil under Spring Barley Grown as an Organic Farming System. **2023**, 13, 5120 ○
- 4 Effect of Adding Phosphate-Dissolving Bacteria on the Activity of Phosphatase Enzyme and some Soil Characteristics and the Yield of Solanum melongena L. under Protected Cultivation Conditions. **2023**, 1158, 022038 ○
- 3 Long-term impact of pulses and organic amendments inclusion in cropping system on soil physical and chemical properties. **2023**, 13, ○
- 2 Organic waste recycling by vermicomposting amended with rock phosphate impacts the stability and maturity indices of vermicompost. ○
- 1 Integrated application of phosphorus-accumulating bacteria and phosphorus-solubilizing bacteria to achieve sustainable phosphorus management in saline soils. **2023**, 885, 163971 ○