Hans Lambers

List of Publications by Year
in descending order

590 papers	40,290 citations	2975 93 h-index	6300 158 g-index
631 all docs	631 docs citations	631 times ranked	24254 citing authors

#	Article	IF	Citations
1	Interactive effects of phosphorus fertilization and salinity on plant growth, phosphorus and sodium status, and tartrate exudation by roots of two alfalfa cultivars. Annals of Botany, 2022, 129, 53-64.	2.9	8
2	Flavonoids are involved in phosphorus-deficiency-induced cluster-root formation in white lupin. Annals of Botany, 2022, 129, 101-112.	2.9	9
3	Using activated charcoal to remove substances interfering with the colorimetric assay of inorganic phosphate in plant extracts. Plant and Soil, 2022, 476, 755-764.	3.7	5
4	Soil property determines the ability of rhizobial inoculation to enhance nitrogen fixation and phosphorus acquisition in soybean. Applied Soil Ecology, 2022, 171, 104346.	4.3	4
5	Linking root exudation to belowground economic traits for resource acquisition. New Phytologist, 2022, 233, 1620-1635.	7.3	129
6	Response to Zhong and Zhou: P-acquisition strategies and total soil C sequestration. Trends in Ecology and Evolution, 2022, 37, 14-15.	8.7	2
7	Nitrogen addition increases aboveground silicon and phytolith concentrations in understory plants of a tropical forest. Plant and Soil, 2022, 477, 25-39.	3.7	4
8	Adding intercropped maize and faba bean root residues increases phosphorus bioavailability in a calcareous soil due to organic phosphorus mineralization. Plant and Soil, 2022, 476, 201-218.	3.7	6
9	Phosphate-solubilising microorganisms mainly increase plant phosphate uptake by effects of pH on root physiology. Plant and Soil, 2022, 476, 397-402.	3.7	10
10	The mechanisms and potentially positive effects of seven years of delayed and wetter wet seasons on nitrous oxide fluxes in a tropical monsoon forest. Geoderma, 2022, 412, 115740.	5.1	4
11	Phosphorus Acquisition and Utilization in Plants. Annual Review of Plant Biology, 2022, 73, 17-42.	18.7	204
12	The role of microbes in the increase of organic phosphorus availability in the rhizosheath of cover crops. Plant and Soil, 2022, 476, 353-373.	3.7	10
13	An integrated belowground traitâ€based understanding of nitrogenâ€driven plant diversity loss. Global Change Biology, 2022, 28, 3651-3664.	9.5	22
14	Inorganic phosphorus nutrition in green-leaved terrestrial orchid seedlings. Annals of Botany, 2022, 129, 669-678.	2.9	4
15	Combining analyses of metabolite profiles and phosphorus fractions to explore high phosphorus utilization efficiency in maize. Journal of Experimental Botany, 2022, 73, 4184-4203.	4.8	4
16	Abandoned pastures and restored savannas have distinct patterns of plantâ€"soil feedback and nutrient cycling compared with native Brazilian savannas. Journal of Applied Ecology, 2022, 59, 1863-1873.	4.0	2
17	Strategies to acquire and use phosphorus in phosphorus-impoverished and fire-prone environments. Plant and Soil, 2022, 476, 133-160.	3.7	22
18	Nitrate-uptake restraint in Banksia spp. (Proteaceae) and Melaleuca spp. (Myrtaceae) from a severely phosphorus-impoverished environment. Plant and Soil, 2022, 476, 63-77.	3.7	4

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19	Belowground processes and sustainability in agroecosystems with intercropping. Plant and Soil, 2022, 476, 263-288.	3.7	30
20	Overyielding is accounted for partly by plasticity and dissimilarity of crop root traits in maize/legume intercropping systems. Functional Ecology, 2022, 36, 2163-2175.	3.6	18
21	Atmospheric factors outweigh species traits and soil properties in explaining spatiotemporal variation in water-use efficiency of tropical and subtropical forest species. Agricultural and Forest Meteorology, 2022, 323, 109056.	4.8	1
22	A cool spot in a biodiversity hotspot: why do tall Eucalyptus forests in Southwest Australia exhibit low diversity?. Plant and Soil, 2022, 476, 669-688.	3.7	12
23	Formation of dauciform roots by Japanese native Cyperaceae and their contribution to phosphorus dynamics in soils. Plant and Soil, 2021, 461, 107-118.	3.7	7
24	Tradeoffs among phosphorus-acquisition root traits of crop species for agroecological intensification. Plant and Soil, 2021, 461, 137-150.	3.7	32
25	Soil-plant-atmosphere interactions: structure, function, and predictive scaling for climate change mitigation. Plant and Soil, 2021, 461, 5-27.	3.7	58
26	Compromised root development constrains the establishment potential of native plants in unamended alkaline post-mining substrates. Plant and Soil, 2021, 461, 163-179.	3.7	23
27	Nitrogen limitation and calcifuge plant strategies constrain the establishment of native vegetation on magnetite mine tailings. Plant and Soil, 2021, 461, 181-201.	3.7	24
28	<i>Xylomelum occidentale</i> (Proteaceae) accesses relatively mobile soil organic phosphorus without releasing carboxylates. Journal of Ecology, 2021, 109, 246-259.	4.0	16
29	Accumulation of phosphorus and calcium in different cells protects the phosphorus-hyperaccumulator Ptilotus exaltatus from phosphorus toxicity in high-phosphorus soils. Chemosphere, 2021, 264, 128438.	8.2	10
30	Phosphorus addition decreases microbial residual contribution to soil organic carbon pool in a tropical coastal forest. Global Change Biology, 2021, 27, 454-466.	9.5	84
31	Processes at the soilâ€“root interface determine the different responses of nutrient limitation and metal toxicity in forbs and grasses to nitrogen enrichment. Journal of Ecology, 2021, 109, 927-938.	4.0	27
32	Revisiting mycorrhizal dogmas: Are mycorrhizas really functioning as they are widely believed to do?. Soil Ecology Letters, 2021, 3, 73-82.	4.5	38
33	Role of roots in adaptation of soil-indifferent Proteaceae to calcareous soils in south-western Australia. Journal of Experimental Botany, 2021, 72, 1490-1505.	4.8	9
34	A significant increase in rhizosheath carboxylates and greater specific root length in response to terminal drought is associated with greater relative phosphorus acquisition in chickpea. Plant and Soil, 2021, 460, 51-68.	3.7	15
35	Contrasting phosphorus sensitivity of two Australian native monocots adapted to different habitats. Plant and Soil, 2021, 461, 151-162.	3.7	5
36	Addition of nitrogen to canopy versus understorey has different effects on leaf traits of understorey plants in a subtropical evergreen broadâ€leaved forest. Journal of Ecology, 2021, 109, 692-702.	4.0	19

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37	Leaf manganese concentrations as a tool to assess belowground plant functioning in phosphorus-impoverished environments. Plant and Soil, 2021, 461, 43-61.	3.7	52
38	Root positioning and trait shifts in <i>Hibbertia racemosa</i> as dependent on its neighbour's nutrientâ€acquisition strategy. Plant, Cell and Environment, 2021, 44, 1257-1267.	5.7	11
39	No evidence of regulation in root-mediated iron reduction in two Strategy I cluster-rooted Banksia species (Proteaceae). Plant and Soil, 2021, 461, 203-218.	3.7	4
40	Phosphorus and selenium uptake, root morphology, and carboxylates in the rhizosheath of alfalfa (Medicago sativa) as affected by localised phosphate and selenite supply in a split-root system. Functional Plant Biology, 2021, 48, 1161-1174.	2.1	5
41	Effects of oxytetracycline on plant growth, phosphorus uptake, and carboxylates in the rhizosheath of alfalfa. Plant and Soil, 2021, 461, 501-515.	3.7	9
42	Delayed greening in phosphorus-efficient Hakea prostrata (Proteaceae) is a photoprotective and nutrient-saving strategy. Functional Plant Biology, 2021, 48, 218.	2.1	9
43	Ecophysiological Performance of Proteaceae Species From Southern South America Growing on Substrates Derived From Young Volcanic Materials. Frontiers in Plant Science, 2021, 12, 636056.	3.6	5
44	Foliar nutrient allocation patterns in <i>Banksia attenuata</i> and <i>Banksia sessilis</i> differing in growth rate and adaptation to low-phosphorus habitats. Annals of Botany, 2021, 128, 419-430.	2.9	13
45	Rhizosphere â€˜Tradeâ€™ Is an Unnecessary Analogy: Response to NoÃ«. Trends in Ecology and Evolution, 2021, 36, 176-177.	8.7	4
46	Phosphorus toxicity, not deficiency, explains the calcifuge habit of phosphorusâ€efficient Proteaceae. Physiologia Plantarum, 2021, 172, 1724-1738.	5.2	5
47	Traits related to efficient acquisition and use of phosphorus promote diversification in Proteaceae in phosphorusâ€impoverished landscapes. Plant and Soil, 2021, 462, 67-88.	3.7	26
48	A shift from phenol to silicaâ€based leaf defences during longâ€term soil and ecosystem development. Ecology Letters, 2021, 24, 984-995.	6.4	27
49	Lower seed P content does not affect early growth in chickpea, provided starter P fertiliser is supplied. Plant and Soil, 2021, 463, 113-124.	3.7	4
50	How does spatial microâ€environmental heterogeneity influence seedling recruitment in ironstone outcrops?. Journal of Vegetation Science, 2021, 32, e13010.	2.2	2
51	Changes in soil phosphorus fractions in response to longâ€term phosphate fertilization under sole cropping and intercropping of maize and faba bean on a calcareous soil. Plant and Soil, 2021, 463, 589-600.	3.7	14
52	Incorporating rock in surface covers improves the establishment of native pioneer vegetation on alkaline mine tailings. Science of the Total Environment, 2021, 768, 145373.	8.0	10
53	In addition to foliar manganese concentration, both iron and zinc provide proxies for rhizosheath carboxylates in chickpea under low phosphorus supply. Plant and Soil, 2021, 465, 31-46.	3.7	10
54	Calcicoleâ€“calcifuge plant strategies limit restoration potential in a regional semiâ€arid flora. Ecology and Evolution, 2021, 11, 6941-6961.	1.9	10

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55	Novel Genes and Genetic Loci Associated With Root Morphological Traits, Phosphorus-Acquisition Efficiency and Phosphorus-Use Efficiency in Chickpea. Frontiers in Plant Science, 2021, 12, 636973.	3.6	15
56	Increase in leaf organic acids to enhance adaptability of dominant plant species in karst habitats. Ecology and Evolution, 2021, 11, 10277-10289.	1.9	6
57	Interactions between belowâ€ground traits and rhizosheath fungal and bacterial communities for phosphorus acquisition. Functional Ecology, 2021, 35, 1603-1619.	3.6	15
58	Leaf traits from stomata to morphology are associated with climatic and edaphic variables for dominant tropical forest evergreen oaks. Journal of Plant Ecology, 2021, 14, 1115-1127.	2.3	11
59	Exceptional nitrogen-resorption efficiency enables Maireana species (Chenopodiaceae) to function as pioneers at a mine-restoration site. Science of the Total Environment, 2021, 779, 146420.	8.0	5
60	Faster recovery of soil biodiversity in native species mixture than in <i>Eucalyptus</i> monoculture after 60Âyears afforestation in tropical degraded coastal terraces. Global Change Biology, 2021, 27, 5329-5340.	9.5	17
61	Critical phosphorus requirements of <scp><i>Trifolium</i></scp> species: The importance of root morphology and root acclimation in response to phosphorus stress. Physiologia Plantarum, 2021, 173, 1030-1047.	5.2	6
62	Silicon mobilisation by root-released carboxylates. Trends in Plant Science, 2021, 26, 1116-1125.	8.8	28
63	Reduced root mycorrhizal colonization as affected by phosphorus fertilization is responsible for high cadmium accumulation in wheat. Plant and Soil, 2021, 468, 19-35.	3.7	28
64	Belowground facilitation and trait matching: two or three to tango?. Trends in Plant Science, 2021, 26, 1227-1235.	8.8	54
65	Soil microbial communities are driven by the declining availability of cations and phosphorus during ecosystem retrogression. Soil Biology and Biochemistry, 2021, 163, 108430.	8.8	10
66	The pervasive use of P₂O₅, K₂O, CaO, MgO and other molecules that do not exist in soil or fertiliser bags. New Phytologist, 2021, 232, 1901-1903.	7.3	4
67	Desiccation tolerance implies costs to productivity but allows survival under extreme drought conditions in Velloziaceae species in campos rupestres. Environmental and Experimental Botany, 2021, 189, 104556.	4.2	6
68	Response of foliar mineral nutrients to longâ€term nitrogen and phosphorus addition in a tropical forest. Functional Ecology, 2021, 35, 2329-2341.	3.6	7
69	Impact of ecosystem water balance and soil parent material on silicon dynamics: insights from three long-term chronosequences. Biogeochemistry, 2021, 156, 335-350.	3.5	4
70	Increasing nitrogen supply to phosphorus-deficient Medicago sativa decreases shoot growth and enhances root exudation of tartrate to discharge surplus carbon dependent on nitrogen form. Plant and Soil, 2021, 469, 193-211.	3.7	9
71	Initiating pedogenesis of magnetite tailings using Lupinus angustifolius (narrow-leaf lupin) as an ecological engineer to promote native plant establishment. Science of the Total Environment, 2021, 788, 147622.	8.0	7
72	Effects of elevated <scp>CO₂</scp> concentration and nitrogen addition on foliar phosphorus fractions of <i>Mikania micranatha and <scp>Chromolaena odorata</scp></i> under low phosphorus availability. Physiologia Plantarum, 2021, 173, 2068-2080.	5.2	8

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73	AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254.	5.3	73
74	Plant phosphorus-acquisition and -use strategies affect soil carbon cycling. Trends in Ecology and Evolution, 2021, 36, 899-906.	8.7	97
75	Soil phosphorus availability affects diazotroph communities during vegetation succession in lowland subtropical forests. Applied Soil Ecology, 2021, 166, 104009.	4.3	11
76	The relative contribution of indigenous and introduced arbuscular mycorrhizal fungi and rhizobia to plant nutrient acquisition in soybean/maize intercropping in unsterilized soils. Applied Soil Ecology, 2021, 168, 104124.	4.3	5
77	Climatic and edaphic controls over the elevational pattern of microbial necromass in subtropical forests. Catena, 2021, 207, 105707.	5.0	23
78	Strong phosphorus (P)-zinc (Zn) interactions in a calcareous soil-alfalfa system suggest that rational P fertilization should be considered for Zn biofortification on Zn-deficient soils and phytoremediation of Zn-contaminated soils. Plant and Soil, 2021, 461, 119-134.	3.7	33
79	OCBIL theory examined: reassessing evolution, ecology and conservation in the worldâ€™s ancient, climatically buffered and infertile landscapes. Biological Journal of the Linnean Society, 2021, 133, 266-296.	1.6	36
80	A starting guide to root ecology: strengthening ecological concepts and standardising root classification, sampling, processing and trait measurements. New Phytologist, 2021, 232, 973-1122.	7.3	216
81	Mobilization of soil phosphate after 8Âyears of warming is linked to plant phosphorusâ€acquisition strategies in an alpine meadow on the Qinghaiâ€Tibetan Plateau. Global Change Biology, 2021, 27, 6578-6591.	9.5	32
82	Correlations between allocation to foliar phosphorus fractions and maintenance of photosynthetic integrity in six mangrove populations as affected by chilling. New Phytologist, 2021, 232, 2267-2282.	7.3	18
83	Biogeomorphological evolution of rocky hillslopes driven by roots in campos rupestres, Brazil. Geomorphology, 2021, 395, 107985.	2.6	7
84	Effects of pH and bicarbonate on the nutrient status and growth of three Lupinus species. Plant and Soil, 2020, 447, 9-28.	3.7	20
85	Root-released organic anions in response to low phosphorus availability: recent progress, challenges and future perspectives. Plant and Soil, 2020, 447, 135-156.	3.7	164
86	Differences in investment and functioning of cluster roots account for different distributions of Banksia attenuata and B. sessilis, with contrasting life history. Plant and Soil, 2020, 447, 85-98.	3.7	21
87	Phosphorus-fertilisation has differential effects on leaf growth and photosynthetic capacity of Arachis hypogaea L.. Plant and Soil, 2020, 447, 99-116.	3.7	41
88	Performance of twoLupinus albusL. cultivars in response to three soil pH levels. Experimental Agriculture, 2020, 56, 321-330.	0.9	2
89	Linking shifts in species composition induced by grazing with root traits for phosphorus acquisition in a typical steppe in Inner Mongolia. Science of the Total Environment, 2020, 712, 136495.	8.0	37
90	In the beginning, there was only bare regolithâ€"then some plants arrived and changed the regolith. Journal of Plant Ecology, 2020, 13, 511-516.	2.3	13

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91	Edaphic niche characterization of four Proteaceae reveals unique calcicole physiology linked to hyperâ€endemism of Grevillea thelemanniana. New Phytologist, 2020, 228, 869-883.	7.3	10
92	Towards more sustainable cropping systems: lessons from native Cerrado species. Theoretical and Experimental Plant Physiology, 2020, 32, 175-194.	2.4	18
93	Surplus Carbon Drives Allocation and Plantâ€“Soil Interactions. Trends in Ecology and Evolution, 2020, 35, 1110-1118.	8.7	171
94	Plants sustain the terrestrial silicon cycle during ecosystem retrogression. Science, 2020, 369, 1245-1248.	12.6	57
95	The influence of soil age on ecosystem structure and function across biomes. Nature Communications, 2020, 11, 4721.	12.8	47
96	The widened scope of plant and soil and the future of opinion papers. Plant and Soil, 2020, 454, 1-1.	3.7	1
97	The potential for phosphorus benefits through root placement in the rhizosphere of phosphorus-mobilising neighbours. Oecologia, 2020, 193, 843-855.	2.0	8
98	Targeting Low-Phytate Soybean Genotypes Without Compromising Desirable Phosphorus-Acquisition Traits. Frontiers in Genetics, 2020, 11, 574547.	2.3	3
99	Exogenous Calcium Alleviates Nocturnal Chilling-Induced Feedback Inhibition of Photosynthesis by Improving Sink Demand in Peanut (Arachis hypogaea). Frontiers in Plant Science, 2020, 11, 607029.	3.6	19
100	Belowâ€groundâ€mediated and phaseâ€dependent processes drive nitrogenâ€evoked community changes in grasslands. Journal of Ecology, 2020, 108, 1874-1887.	4.0	29
101	Tightening the Phosphorus Cycle through Phosphorus-Efficient Crop Genotypes. Trends in Plant Science, 2020, 25, 967-975.	8.8	104
102	Pervasive use of P2O5, K2O, CaO, MgO, and basic cations, none of which exist in soil. Biology and Fertility of Soils, 2020, 56, 743-745.	4.3	3
103	P2O5, K2O, CaO, MgO, and basic cations: pervasive use of references to molecules that do not exist in soil. Plant and Soil, 2020, 452, 1-4.	3.7	17
104	Soybean (Glycine max (L.) Merrill) intercropping with reduced nitrogen input influences rhizosphere phosphorus dynamics and phosphorus acquisition of sugarcane (Saccharum officinarum). Biology and Fertility of Soils, 2020, 56, 1063-1075.	4.3	19
105	Release of tartrate as a major carboxylate by alfalfa (Medicago sativa L.) under phosphorus deficiency and the effect of soil nitrogen supply. Plant and Soil, 2020, 449, 169-178.	3.7	26
106	Silicon Dynamics During 2 Million Years of Soil Development in a Coastal Dune Chronosequence Under a Mediterranean Climate. Ecosystems, 2020, 23, 1614-1630.	3.4	20
107	Vellozioid roots allow for habitat specialization among rockâ€•and soilâ€dwelling Velloziaceae in <i>campos rupestres</i>. Functional Ecology, 2020, 34, 442-457.	3.6	19
108	Changes in soil phosphorus fractions following sole cropped and intercropped maize and faba bean grown on calcareous soil. Plant and Soil, 2020, 448, 587-601.	3.7	41

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109	Phosphorus facilitation and covariation of root traits in steppe species. New Phytologist, 2020, 226, 1285-1298.	7.3	62
110	Contrasting patterns in biomass allocation, root morphology and mycorrhizal symbiosis for phosphorus acquisition among 20 chickpea genotypes with different amounts of rhizosheath carboxylates. Functional Ecology, 2020, 34, 1311-1324.	3.6	35
111	Leaf Phosphorus Concentration Regulates the Development of Cluster Roots and Exudation of Carboxylates in Macadamia integrifolia. Frontiers in Plant Science, 2020, 11, 610591.	3.6	6
112	Mulling over the mulla mullas: revisiting phosphorus hyperaccumulation in the Australian plant genus Ptilotus (Amaranthaceae). Australian Journal of Botany, 2020, 68, 63.	0.6	5
113	Editorial special issue: plant-soil interactions in the Amazon rainforest. Plant and Soil, 2020, 450, 1-9.	3.7	4
114	Amending aeolian sandy soil in the Mu Us Sandy Land of China with Pisha sandstone and increasing phosphorus supply were more effective than increasing water supply for improving plant growth and phosphorus and nitrogen nutrition of lucerne (Medicago sativa). Crop and Pasture Science, 2020, 71, 785.	1.5	5
115	Highlights of special issue on “Sustainable Phosphorus Use in Agri-Food System”. Frontiers of Agricultural Science and Engineering, 2020, 7, 530.	1.4	0
116	Is pH the key reason why some Lupinus species are sensitive to calcareous soil?. Plant and Soil, 2019, 434, 185-201.	3.7	12
117	Biotic and abiotic plantâ€“soil feedback depends on nitrogenâ€acquisition strategy and shifts during longâ€term ecosystem development. Journal of Ecology, 2019, 107, 142-153.	4.0	41
118	Analysing Cell Level Allocation of Calcium and Phosphorus in Leaves of Proteaceae from South-Western Australia. Microscopy and Microanalysis, 2019, 25, 1080-1081.	0.4	0
119	Microbiomes of Velloziaceae from phosphorus-impoverished soils of the campos rupestres, a biodiversity hotspot. Scientific Data, 2019, 6, 140.	5.3	10
120	Global ecological predictors of the soil priming effect. Nature Communications, 2019, 10, 3481.	12.8	148
121	Calcium modulates leaf cell-specific phosphorus allocation in Proteaceae from south-western Australia. Journal of Experimental Botany, 2019, 70, 3995-4009.	4.8	29
122	Phosphorus-acquisition strategies of canola, wheat and barley in soil amended with sewage sludges. Scientific Reports, 2019, 9, 14878.	3.3	35
123	Field benchmarking of the critical external phosphorus requirements of pasture legumes for southern Australia. Crop and Pasture Science, 2019, 70, 1080.	1.5	29
124	Floral micromorphology and nectar composition of the early evolutionary lineage Utricularia (subgenus Polypompholyx, Lentibulariaceae). Protoplasma, 2019, 256, 1531-1543.	2.1	8
125	The application potential of coal fly ash for selenium biofortification. Advances in Agronomy, 2019, 157, 1-54.	5.2	11
126	Do cluster roots of red alder play a role in nutrient acquisition from bedrock?. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11575-11576.	7.1	11

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127	Responses of foliar phosphorus fractions to soil age are diverse along a 2ÂMyr dune chronosequence. New Phytologist, 2019, 223, 1621-1633.	7.3	46
128	Trait convergence in photosynthetic nutrientâ€use efficiency along a 2â€million year dune chronosequence in a global biodiversity hotspot. Journal of Ecology, 2019, 107, 2006-2023.	4.0	36
129	Specialized roots of Velloziaceae weather quartzite rock while mobilizing phosphorus using carboxylates. Functional Ecology, 2019, 33, 762-773.	3.6	37
130	Changes in belowground biodiversity during ecosystem development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6891-6896.	7.1	151
131	Tradeoffs among root morphology, exudation and mycorrhizal symbioses for phosphorusâ€acquisition strategies of 16 crop species. New Phytologist, 2019, 223, 882-895.	7.3	235
132	Strong host specificity of a root hemi-parasite (Santalum acuminatum) limits its local distribution: beggars can be choosers. Plant and Soil, 2019, 437, 159-177.	3.7	13
133	Globular structures in roots accumulate phosphorus to extremely high concentrations following phosphorus addition. Plant, Cell and Environment, 2019, 42, 1987-2002.	5.7	9
134	The effect of pH on morphological and physiological root traits of Lupinus angustifolius treated with struvite as a recycled phosphorus source. Plant and Soil, 2019, 434, 65-78.	3.7	46
135	Response of phosphorus dynamics to sewage sludge application in an agroecosystem in northern France. Applied Soil Ecology, 2019, 137, 178-186.	4.3	34
136	Plant Physiological Ecology. , 2019, , .		139
137	Floral micromorphology of the bird-pollinated carnivorous plant species<i>Utricularia menziesii</i>R.Br. (Lentibulariaceae). Annals of Botany, 2019, 123, 213-220.	2.9	7
138	Soil types select for plants with matching nutrientâ€acquisition and â€use traits in hyperdiverse and severely nutrientâ€impoverished <i>campos rupestres</i> and <i>cerrado</i> in Central Brazil. Journal of Ecology, 2019, 107, 1302-1316.	4.0	47
139	Hidden miners â€" the roles of cover crops and soil microorganisms in phosphorus cycling through agroecosystems. Plant and Soil, 2019, 434, 7-45.	3.7	180
140	Foliar phosphorus fractions reveal how tropical plants maintain photosynthetic rates despite low soil phosphorus availability. Functional Ecology, 2019, 33, 503-513.	3.6	80
141	How Does Evolution in Phosphorus-Impoverished Landscapes Impact Plant Nitrogen and Sulfur Assimilation?. Trends in Plant Science, 2019, 24, 69-82.	8.8	43
142	Calciumâ€enhanced phosphorus toxicity in calcifuge and soilâ€indifferent Proteaceae along the Jurien Bay chronosequence. New Phytologist, 2019, 221, 764-777.	7.3	35
143	Nodulation promotes cluster-root formation in Lupinus albus under low phosphorus conditions. Plant and Soil, 2019, 439, 233-242.	3.7	10
144	Supplementary Calcium Restores Peanut (Arachis hypogaea) Growth and Photosynthetic Capacity Under Low Nocturnal Temperature. Frontiers in Plant Science, 2019, 10, 1637.	3.6	42

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145	Photosynthesis, Respiration, and Long-Distance Transport: Photosynthesis. , 2019, , 11-114.		8
146	Photosynthesis, Respiration, and Long-Distance Transport: Respiration. , 2019, , 115-172.		4
147	Plant Water Relations. , 2019, , 187-263.		25
148	Mineral Nutrition. , 2019, , 301-384.		17
149	Highlights of special issue on â€œSustainable Phosphorus Use in Agri-Food Systemâ€• Frontiers of Agricultural Science and Engineering, 2019, 6, 311.	1.4	3
150	Biotic Influences: Symbiotic Associations. , 2019, , 487-540.		3
151	Growth and Allocation. , 2019, , 385-449.		5
152	Introduction: History, Assumptions, and Approaches. , 2019, , 1-10.		5
153	Biotic Influences: Carnivory. , 2019, , 649-664.		0
154	Role in Ecosystem and Global Processes: Decomposition. , 2019, , 665-676.		0
155	Life Cycles: Environmental Influences and Adaptations. , 2019, , 451-486.		3
156	Scaling-Up Gas Exchange and Energy Balance from the Leaf to the Canopy Level. , 2019, , 291-300.		0
157	Contrasting communities of arbuscule-forming root symbionts change external critical phosphorus requirements of some annual pasture legumes. Applied Soil Ecology, 2018, 126, 88-97.	4.3	11
158	Sensitivity of different <i>Lupinus</i> species to calcium under a low phosphorus supply. Plant, Cell and Environment, 2018, 41, 1512-1523.	5.7	18
159	Molecular mechanisms underpinning phosphorusâ€use efficiency in rice. Plant, Cell and Environment, 2018, 41, 1483-1496.	5.7	74
160	Effects of calcium and its interaction with phosphorus on the nutrient status and growth of three Lupinus species. Physiologia Plantarum, 2018, 163, 386-398.	5.2	9
161	Eudicots from severely phosphorusâ€impoverished environments preferentially allocate phosphorus to their mesophyll. New Phytologist, 2018, 218, 959-973.	7.3	54
162	Phosphorus concentration coordinates a respiratory bypass, synthesis and exudation of citrate, and the expression of highâ€affinity phosphorus transporters in <i>Solanum lycopersicum</i>. Plant, Cell and Environment, 2018, 41, 865-875.	5.7	21

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163	Phosphorusâ€•and nitrogenâ€acquisition strategies in two Bossiaea species (Fabaceae) along retrogressive soil chronosequences in southâ€western Australia. Physiologia Plantarum, 2018, 163, 323-343.	5.2	18
164	An In Vivo Perspective of the Role(s) of the Alternative Oxidase Pathway. Trends in Plant Science, 2018, 23, 206-219.	8.8	118
165	Leaf transpiration plays a role in phosphorus acquisition among a large set of chickpea genotypes. Plant, Cell and Environment, 2018, 41, 2069-2079.	5.7	40
166	The carboxylate composition of rhizosheath and root exudates from twelve species of grassland and crop legumes with special reference to the occurrence of citramalate. Plant and Soil, 2018, 424, 389-403.	3.7	28
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