

Linking leaf and root trait syndromes among 39 grassland

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Fine root respiration in the mangrove <i>Rhizophora mangle</i> over variation in forest stature and nutrient availability. <i>Tree Physiology</i> , 2006, 26, 1601-1606.	1.4	43
2	Land-plant ecology on the basis of functional traits. <i>Trends in Ecology and Evolution</i> , 2006, 21, 261-268.	4.2	808
3	Ecophysiology of Two Native Invasive Woody Species and Two Dominant Warm-Season Grasses in the Semiarid Grasslands of the Nebraska Sandhills. <i>International Journal of Plant Sciences</i> , 2006, 167, 991-999.	0.6	47
4	Irradiance, temperature and rainfall influence leaf dark respiration in woody plants: evidence from comparisons across 20 sites. <i>New Phytologist</i> , 2006, 169, 309-319.	3.5	150
5	Suites of root traits differ between annual and perennial species growing in the field. <i>New Phytologist</i> , 2006, 170, 357-368.	3.5	273
6	Root respiration in temperate mountain grasslands differing in land use. <i>Global Change Biology</i> , 2006, 12, 995-1006.	4.2	174
7	Competition for Nutrients and Optimal Root Allocation. <i>Plant and Soil</i> , 2006, 285, 171-185.	1.8	116
8	The mysterious root length. <i>Plant and Soil</i> , 2006, 286, 1-6.	1.8	200
9	Aboveground productivity and root-shoot allocation differ between native and introduced grass species. <i>Oecologia</i> , 2006, 150, 300-309.	0.9	114
10	The sensitivity of ecosystem carbon exchange to seasonal precipitation and woody plant encroachment. <i>Oecologia</i> , 2006, 150, 453-463.	0.9	37
11	COMPARISONS OF STRUCTURE AND LIFE SPAN IN ROOTS AND LEAVES AMONG TEMPERATE TREES. <i>Ecological Monographs</i> , 2006, 76, 381-397.	2.4	377
12	Plastic plants and patchy soils. <i>Journal of Experimental Botany</i> , 2006, 57, 401-411.	2.4	292
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14	Patterns of variability in soil properties and vegetation cover following abandonment of olive groves in Catalonia (NE Spain). <i>Acta Oecologica</i> , 2007, 31, 316-324.	0.5	15
16	Robustness to Failure of Assumptions of Tests for a Common Slope Amongst Several Allometric Lines – A Simulation Study. <i>Biometrical Journal</i> , 2007, 49, 286-299.	0.6	7
17	Impact of temperature on the relationship between respiration and nitrogen concentration in roots: an analysis of scaling relationships, Q ₁₀ values and thermal acclimation ratios. <i>New Phytologist</i> , 2007, 173, 110-120.	3.5	63
18	Local above-ground persistence of vascular plants: Life-history trade-offs and environmental constraints. <i>Journal of Vegetation Science</i> , 2007, 18, 489-497.	1.1	48
19	Root traits and taxonomic affiliation of nine herbaceous species grown in glasshouse conditions. <i>Plant and Soil</i> , 2008, 312, 69-83.	1.8	45

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20	Impacts of C4 grass introductions on soil carbon and nitrogen cycling in C3-dominated successional systems. <i>Oecologia</i> , 2008, 157, 295-305.	0.9	38
21	The endodermis: a horsetail's tale. <i>New Phytologist</i> , 2008, 177, 291-295.	3.5	5
22	Automated soil respiration measurements: new information, opportunities and challenges. <i>New Phytologist</i> , 2008, 177, 295-297.	3.5	31
23	Rhizosphere studies from the nanoscale to the globe. <i>New Phytologist</i> , 2008, 177, 297-300.	3.5	2
24	Can you believe what you see? Reconciling minirhizotron and isotopically derived estimates of fine root longevity. <i>New Phytologist</i> , 2008, 177, 287-291.	3.5	30
25	Weighty issues in respiratory metabolism: intriguing carbon isotope signals from roots and leaves. <i>New Phytologist</i> , 2008, 177, 285-287.	3.5	17
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28	Coupling of respiration, nitrogen, and sugars underlies convergent temperature acclimation in <i>Pinus banksiana</i> across wide-ranging sites and populations. <i>Global Change Biology</i> , 2008, 14, 782-797.	4.2	98
29	Root morphology and water transport of <i>Pistacia lentiscus</i> seedlings under contrasting water supply: A test of the pipe stem theory. <i>Environmental and Experimental Botany</i> , 2008, 62, 343-350.	2.0	33
30	Mycorrhizal respiration: implications for global scaling relationships. <i>Trends in Plant Science</i> , 2008, 13, 583-588.	4.3	65
31	Improving the Scale and Precision of Hypotheses to Explain Root Foraging Ability. <i>Annals of Botany</i> , 2008, 101, 1295-1301.	1.4	111
32	Genotypic variation and phenotypic plasticity in the drought response of fine roots of European beech. <i>Tree Physiology</i> , 2008, 28, 297-309.	1.4	134
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35	The "trade-off" between synthesis of primary and secondary compounds in young tomato leaves is altered by nitrate nutrition: experimental evidence and model consistency. <i>Journal of Experimental Botany</i> , 2009, 60, 4301-4314.	2.4	78
36	A paradox of leaf-trait convergence: why is leaf nitrogen concentration higher in species with higher photosynthetic capacity?. <i>Journal of Plant Research</i> , 2009, 122, 245-251.	1.2	32
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38	New nitrogen uptake strategy: specialized snow roots. <i>Ecology Letters</i> , 2009, 12, 758-764.	3.0	33

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40	Patterns in root trait variation among 25 coexisting North American forest species. <i>New Phytologist</i> , 2009, 182, 919-928.	3.5	236
41	Application of a Rule-Based Model to Estimate Mercury Exchange for Three Background Biomes in the Continental United States. <i>Environmental Science & Technology</i> , 2009, 43, 4989-4994.	4.6	43
42	Convergence in plant traits between species within grassland communities simplifies their monitoring. <i>Ecological Indicators</i> , 2009, 9, 1020-1029.	2.6	45
43	Fine root dynamics of mature European beech (<i>Fagus sylvatica</i> L.) as influenced by elevated ozone concentrations. <i>Environmental Pollution</i> , 2009, 157, 2638-2644.	3.7	13
44	Modelling and observation of biosphere-atmosphere interactions in natural savannah in Burkina Faso, West Africa. <i>Physics and Chemistry of the Earth</i> , 2009, 34, 251-260.	1.2	63
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55	Dry matter production in relation to root plastic development, oxygen transport, and water uptake of rice under transient soil moisture stresses. <i>Plant and Soil</i> , 2010, 332, 87-104.	1.8	69
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75	Independent Evolution of Leaf and Root Traits within and among Temperate Grassland Plant Communities. <i>PLoS ONE</i> , 2011, 6, e19992.	1.1	94

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121	Root and leaf functional trait relations in Poaceae species: implications of differing resource-acquisition strategies. Journal of Plant Ecology, 2013, 6, 211-219.	1.2	94
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133	The world-wide "fast-slow" plant economics spectrum: a traits manifesto. <i>Journal of Ecology</i> , 2014, 102, 275-301.	1.9	2,379
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148	Leading dimensions in absorptive root trait variation across 96 subtropical forest species. <i>New Phytologist</i> , 2014, 203, 863-872.	3.5	362

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150	New insights into leaf and fine-root trait relationships: implications of resource acquisition among 23 xerophytic woody species. <i>Ecology and Evolution</i> , 2015, 5, 5344-5351.	0.8	28
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154	Complementarity in nutrient foraging strategies of absorptive fine roots and arbuscular mycorrhizal fungi across 14 coexisting subtropical tree species. <i>New Phytologist</i> , 2015, 208, 125-136.	3.5	187
155	Plant nutrients do not covary with soil nutrients under changing climatic conditions. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1298-1308.	1.9	62
156	Linking root traits to nutrient foraging in arbuscular mycorrhizal trees in a temperate forest. <i>New Phytologist</i> , 2015, 208, 114-124.	3.5	244
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166	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015, 206, 614-636.	3.5	350

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168	Response of Hybrid Peach – Almond Trees to Increasing Rate of Soil-Applied Urea and Compost Nitrogen. <i>Compost Science and Utilization</i> , 2015, 23, 18-29.	1.2	2
169	Using plant traits to explain plant–microbe relationships involved in nitrogen acquisition. <i>Ecology</i> , 2015, 96, 788-799.	1.5	124
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225	Complex trait relationships between leaves and absorptive roots: Coordination in tissue N concentration but divergence in morphology. <i>Ecology and Evolution</i> , 2017, 7, 2697-2705.	0.8	34
226	Intraspecific genetic diversity modulates plant-soil feedback and nutrient cycling. <i>New Phytologist</i> , 2017, 216, 90-98.	3.5	46
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279	Root traits of herbaceous crops: Pre-adaptation to cultivation or evolution under domestication?. <i>Functional Ecology</i> , 2019, 33, 273-285.	1.7	29
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298	Plant type dominates fine-root C:N:P stoichiometry across China: A meta-analysis. <i>Journal of Biogeography</i> , 2020, 47, 1019-1029.	1.4	29
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