

Pieter Poot

List of Publications by Citations

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

24 papers	7,242 citations	14 h-index	26 g-index
26 ext. papers	8,557 ext. citations	6.9 avg, IF	4.9 L-index

#	Paper	IF	Citations
24	The worldwide leaf economics spectrum. <i>Nature</i> , 2004 , 428, 821-7	50.4	4915
23	Biomass allocation to leaves, stems and roots: meta-analyses of interspecific variation and environmental control. <i>New Phytologist</i> , 2012 , 193, 30-50	9.8	1490
22	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015 , 206, 614-36	9.8	244
21	Short Communication: Leaf trait relationships in Australian plant species. <i>Functional Plant Biology</i> , 2004 , 31, 551-558	2.7	103
20	Shallow-soil endemics: adaptive advantages and constraints of a specialized root-system morphology. <i>New Phytologist</i> , 2008 , 178, 371-381	9.8	83
19	Complex effects of fragmentation on remnant woodland plant communities of a rapidly urbanizing biodiversity hotspot. <i>Ecology</i> , 2014 , 95, 2466-2478	4.6	61
18	Are trade-offs in allocation pattern and root morphology related to species abundance? A congeneric comparison between rare and common species in the south-western Australian flora. <i>Journal of Ecology</i> , 2003 , 91, 58-67	6	54
17	Exploring rock fissures: does a specialized root morphology explain endemism on granite outcrops?. <i>Annals of Botany</i> , 2012 , 110, 291-300	4.1	53
16	Seasonal patterns in water use and leaf turnover of different plant functional types in a species-rich woodland, south-western Australia. <i>Plant and Soil</i> , 2003 , 257, 295-304	4.2	40
15	Species distribution and crown decline are associated with contrasting water relations in four common sympatric eucalypt species in southwestern Australia. <i>Plant and Soil</i> , 2013 , 364, 409-423	4.2	31
14	Growth responses to waterlogging and drainage of woody Hakea (Proteaceae) seedlings, originating from contrasting habitats in south-western Australia. <i>Plant and Soil</i> , 2003 , 253, 57-70	4.2	24
13	A climate change context for the decline of a foundation tree species in south-western Australia: insights from phylogeography and species distribution modelling. <i>Annals of Botany</i> , 2015 , 116, 941-52	4.1	16
12	Spatio-temporal water dynamics in mature Banksia menziesii trees during drought. <i>Physiologia Plantarum</i> , 2014 , 152, 301-15	4.6	16
11	Links between soil texture and root architecture of Eucalyptus species may limit distribution ranges under future climates. <i>Plant and Soil</i> , 2016 , 403, 217-229	4.2	12
10	Effects of fragmentation on the plant functional composition and diversity of remnant woodlands in a young and rapidly expanding city. <i>Journal of Vegetation Science</i> , 2018 , 29, 285-296	3.1	11
9	Simulation of the evolution of root water foraging strategies in dry and shallow soils. <i>Annals of Botany</i> , 2014 , 114, 763-78	4.1	11
8	Isometric partitioning of hydraulic conductance between leaves and stems: balancing safety and efficiency in different growth forms and habitats. <i>Plant, Cell and Environment</i> , 2015 , 38, 1628-36	8.4	11

7	Adaptations to winter-wet ironstone soils: a comparison between rare ironstone Hakea (Proteaceae) species and their common congeners. <i>Australian Journal of Botany</i> , 2008 , 56, 574	1.2	9
6	Shallow environmental gradients put inland species at risk: Insights and implications from predicting future distributions of Eucalyptus species in South Western Australia. <i>Austral Ecology</i> , 2015 , 40, 923-932	1.5	7
5	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021 , 8, 254	8.2	6
4	Shallow soils negatively affect water relations and photosynthesis in two semi-arid Eucalyptus species. <i>Environmental and Experimental Botany</i> , 2018 , 155, 239-250	5.9	5
3	Informing arid region mine-site restoration through comparative ecophysiology of Acacia species under drought. <i>Journal of Arid Environments</i> , 2016 , 133, 73-84	2.5	3
2	Simulation of optimal rooting strategies: What's the best way to find a wet crack? 2012 ,		1
1	AusTraits is a curated plant trait database for the Australian flora		1