EvanÂ Weiher

List of Publications by Year
in descending order

33	11,989	279798	395702
papers	citations	23 h-index	33 g-index

36	36	36	16687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rebuilding community ecology from functional traits. Trends in Ecology and Evolution, 2006, 21, 178-185.	8.7	3,525
2	Global effects of land use on local terrestrial biodiversity. Nature, 2015, 520, 45-50.	27.8	2,669
3	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
4	Challenging Theophrastus: A common core list of plant traits for functional ecology. Journal of Vegetation Science, 1999, 10, 609-620.	2.2	834
5	Advances, challenges and a developing synthesis of ecological community assembly theory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2403-2413.	4.0	498
6	Community Assembly Rules, Morphological Dispersion, and the Coexistence of Plant Species. Oikos, 1998, 81, 309.	2.7	483
7	Plant functional trait change across a warming tundra biome. Nature, 2018, 562, 57-62.	27.8	451
8	Global traitâ€“environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	7.8	397
9	Does species diversity limit productivity in natural grassland communities?. Ecology Letters, 2007, 10, 680-689.	6.4	351
10	A global method for calculating plant <scp>CSR</scp> ecological strategies applied across biomes worldâ€wide. Functional Ecology, 2017, 31, 444-457.	3.6	330
11	Which is a better predictor of plant traits: temperature or precipitation?. Journal of Vegetation Science, 2014, 25, 1167-1180.	2.2	323
12	sPlot â€“ A new tool for global vegetation analyses. Journal of Vegetation Science, 2019, 30, 161-186.	2.2	185
13	Towards a thesaurus of plant characteristics: an ecological contribution. Journal of Ecology, 2017, 105, 298-309.	4.0	114
14	Assembly rules as general constraints on community composition. , 1999, , 251-271.		89
15	Climatic and soil factors explain the two-dimensional spectrum of global plant trait variation. Nature Ecology and Evolution, 2022, 6, 36-50.	7.8	89
16	Relative Abundance and Evenness Patterns along Diversity and Biomass Gradients. Oikos, 1999, 87, 355.	2.7	81
17	The combined effects of scale and productivity on species richness. Journal of Ecology, 1999, 87, 1005-1011.	4.0	68
18	Multivariate control of plant species richness and community biomass in blackland prairie. Oikos, 2004, 106, 151-157.	2.7	65

#	Article	IF	Citations
19	Phylogeny in the Service of Ecological Restoration. American Journal of Botany, 2015, 102, 647-648.	1.7	59
20	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. Ecology and Evolution, 2014, 4, 2799-2811.	1.9	53
21	Species richness along multiple gradients: testing a general multivariate model in oak savannas. Oikos, 2003, 101, 311-316.	2.7	49
22	Scaleâ€dependence of environmental effects on species richness in oak savannas. Journal of Vegetation Science, 2003, 14, 917-920.	2.2	40
23	Isolationâ€driven functional assembly of plant communities on islands. Ecography, 2016, 39, 1066-1077.	4.5	29
24	Global relationships in tree functional traits. Nature Communications, 2022, 13, .	12.8	29
25	On the Status of Restoration Science: Obstacles and Opportunities. Restoration Ecology, 2007, 15, 340-343.	2.9	24
26	A Gradient Analysis of Oak Savanna Community Composition in Western Wisconsin. Journal of the Torrey Botanical Society, 2002, 129, 115.	0.3	22
27	Rarefaction does not eliminate the species richnessâ€biomass relationship in calcareous blackland prairies. Journal of Vegetation Science, 2001, 12, 525-532.	2.2	19
28	The Evolutionary Legacy of Diversification Predicts Ecosystem Function. American Naturalist, 2016, 188, 398-410.	2.1	14
29	Response to Kearney and Porter: Both functional and community ecologists need to do more for each other. Trends in Ecology and Evolution, 2006, 21, 482-483.	8.7	7
30	Disturbed habitats locally reduce the signal of deep evolutionary history in functional traits of plants. New Phytologist, 2021, 232, 1849-1862.	7.3	7
31	Why should we constrain stress and limitation? Why conceptual terms deserve broad definitions. Journal of Vegetation Science, 2004, 15, 569-571.	2.2	6
32	Scale-dependence of environmental effects on species richness in oak savannas. Journal of Vegetation Science, 2003, 14, 917.	2.2	6
33	Biogeographic patterns of lichens and trees on islands of the Boundary Waters Canoe Area Wilderness. Bios, 2012, 83, 145-154.	0.0	5