Zdravko Baruch

List of Publications by Year
in descending order

33 papers	9,077 citations	361413 20 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	11016 citing authors

#	Article	IF	Citations
1	Increased plant species richness associates with greater soil bacterial diversity in urban green spaces. Environmental Research, 2021, 196, 110425.	7.5	28
2	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
3	Characterising the soil fungal microbiome in metropolitan green spaces across a vegetation biodiversity gradient. Fungal Ecology, 2020, 47, 100939.	1.6	20
4	Floristic and structural assessment of Australian rangeland vegetation with standardized plot-based surveys. PLoS ONE, 2018, 13, e0202073.	2.5	11
5	Functional acclimation across microgeographic scales in Dodonaea viscosa. AoB PLANTS, 2018, 10, ply029.	2.3	3
6	Leaf trait associations with environmental variation in the wideâ€ranging shrub Dodonaea viscosa subsp. angustissima (Sapindaceae). Austral Ecology, 2017, 42, 553-561.	1.5	24
7	Opportunities for Integrated Ecological Analysis across Inland Australia with Standardised Data from Ausplots Rangelands. PLoS ONE, 2017, 12, e0170137.	2.5	30
8	Identifying Centres of Plant Biodiversity in South Australia. PLoS ONE, 2016, 11, e0144779.	2.5	40
9	Global change community ecology beyond speciesâ€sorting: a quantitative framework based on mediterraneanâ€biome examples. Global Ecology and Biogeography, 2014, 23, 1062-1072.	5.8	8
10	Plant invasions research in Latin America: fast track to a more focused agenda. Plant Ecology and Diversity, 2012, 5, 225-232.	2.4	17
11	Leaf trait variation of a dominant neotropical savanna tree across rainfall and fertility gradients. Acta Oecologica, 2011, 37, 455-461.	1.1	18
12	Ecophysiology of the invader Pennisetum setaceum and three native grasses in the Canary Islands. Acta Oecologica, 2010, 36, 248-254.	1.1	18
13	Leaf trait relationships of native and invasive plants: communityâ€and globalâ€scale comparisons. New Phytologist, 2007, 176, 635-643.	7.3	368
14	Responses of tropical native and invader C4 grasses to water stress, clipping and increased atmospheric CO2 concentration. Oecologia, 2005, 145, 522-532.	2.0	35
15	Vegetationâ€“environment relationships and classification of the seasonal savannas in Venezuela. Flora: Morphology, Distribution, Functional Ecology of Plants, 2005, 200, 49-64.	1.2	41
16	Quantitative trait, genetic, environmental, and geographical distances among populations of the C4 grass Trachypogon plumosus in Neotropical savannas. Diversity and Distributions, 2004, 10, 283-292.	4.1	18
17	The worldwide leaf economics spectrum. Nature, 2004, 428, 821-827.	27.8	6,489
18	Responses to drought of five Brachiaria species. II. Water relations and leaf gas exchange. Plant and Soil, 2004, 258, 249-260.	3.7	24

#	Article	IF	Citations
19	Title is missing!. Plant and Soil, 2002, 243, 229-241.	3.7	87
20	African Grass Invasion in the Americas: Ecosystem Consequences and the Role of Ecophysiology. , 2000, 2, 123-140.		249
21	Effects of fire and defoliation on the life history of native and invader C 4 grasses in a Neotropical savanna. Oecologia, 1999, 119, 510-520.	2.0	44
22	Soil Depth and Fertility Effects on Biomass and Nutrient Allocation in Jaraguagrass. Journal of Range Management, 1997, 50, 268.	0.3	14
23	Ecophysiological Aspects of the Invasion by African Grasses and Their Impact on Biodiversity and Function of Neotropical Savannas. Ecological Studies, 1996, , 79-93.	1.2	25
24	Dynamics of energy and nutrient concentration and construction cost in a native and two alien C4 grasses from two neotropical savannas. Plant and Soil, 1996, 181, 175-184.	3.7	41
25	Biodiversity As Regulator of Energy Flow, Water Use and Nutrient Cycling in Savannas. Ecological Studies, 1996, , 175-194.	1.2	5
26	Effects of Drought and Flooding on Root Anatomy in Four Tropical Forage Grasses. International Journal of Plant Sciences, 1995, 156, 514-521.	1.3	44
27	Responses to drought and flooding in tropical forage grasses. Plant and Soil, 1994, 164, 87-96.	3.7	74
28	Responses to drought and flooding in tropical forage grasses. Plant and Soil, 1994, 164, 97-105.	3.7	48
29	Water relations of native and introduced C4 grasses in a neotropical savanna. Oecologia, 1993, 96, 179-185.	2.0	53
30	Responses to simulated herbivory and water stress in two tropical C4 grasses. Oecologia, 1991, 88, 173-180.	2.0	73
31	Patterns of energy content in plants from the venezuelan paramos. Oecologia, 1982, 55, 47-52.	2.0	15
32	Morphological and physiological correlates of niche breadth in two species of Espeletia (Compositae) in the Venezuelan Andes. Oecologia, 1979, 38, 71-82.	2.0	27
33	Elevation Differentiation in Espeletia Schultzii (Compositae), A Giant Rosette Plant of the Venezuelan Paramos. Ecology, 1979, 60, 85-98.	3.2	48