

# Zdravko Baruch

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The worldwide leaf economics spectrum. <i>Nature</i> , 2004, 428, 821-827.	27.8	6,489
2	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,088
3	Leaf trait relationships of native and invasive plants: community- and global-scale comparisons. <i>New Phytologist</i> , 2007, 176, 635-643.	7.3	368
4	African Grass Invasion in the Americas: Ecosystem Consequences and the Role of Ecophysiology. , 2000, 2, 123-140.		249
5	Title is missing!. <i>Plant and Soil</i> , 2002, 243, 229-241.	3.7	87
6	Responses to drought and flooding in tropical forage grasses. <i>Plant and Soil</i> , 1994, 164, 87-96.	3.7	74
7	Responses to simulated herbivory and water stress in two tropical C4 grasses. <i>Oecologia</i> , 1991, 88, 173-180.	2.0	73
8	Water relations of native and introduced C4 grasses in a neotropical savanna. <i>Oecologia</i> , 1993, 96, 179-185.	2.0	53
9	Elevation Differentiation in <i>Espeletia Schultzii</i> (Compositae), A Giant Rosette Plant of the Venezuelan Paramos. <i>Ecology</i> , 1979, 60, 85-98.	3.2	48
10	Responses to drought and flooding in tropical forage grasses. <i>Plant and Soil</i> , 1994, 164, 97-105.	3.7	48
11	Effects of Drought and Flooding on Root Anatomy in Four Tropical Forage Grasses. <i>International Journal of Plant Sciences</i> , 1995, 156, 514-521.	1.3	44
12	Effects of fire and defoliation on the life history of native and invader C 4 grasses in a Neotropical savanna. <i>Oecologia</i> , 1999, 119, 510-520.	2.0	44
13	Dynamics of energy and nutrient concentration and construction cost in a native and two alien C4 grasses from two neotropical savannas. <i>Plant and Soil</i> , 1996, 181, 175-184.	3.7	41
14	Vegetation – environment relationships and classification of the seasonal savannas in Venezuela. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2005, 200, 49-64.	1.2	41
15	Identifying Centres of Plant Biodiversity in South Australia. <i>PLoS ONE</i> , 2016, 11, e0144779.	2.5	40
16	Responses of tropical native and invader C4 grasses to water stress, clipping and increased atmospheric CO2 concentration. <i>Oecologia</i> , 2005, 145, 522-532.	2.0	35
17	Opportunities for Integrated Ecological Analysis across Inland Australia with Standardised Data from Ausplots Rangelands. <i>PLoS ONE</i> , 2017, 12, e0170137.	2.5	30
18	Increased plant species richness associates with greater soil bacterial diversity in urban green spaces. <i>Environmental Research</i> , 2021, 196, 110425.	7.5	28

#	ARTICLE	IF	CITATIONS
19	Morphological and physiological correlates of niche breadth in two species of <i>Espeletia</i> (Compositae) in the Venezuelan Andes. <i>Oecologia</i> , 1979, 38, 71-82.	2.0	27
20	Ecophysiological Aspects of the Invasion by African Grasses and Their Impact on Biodiversity and Function of Neotropical Savannas. <i>Ecological Studies</i> , 1996, , 79-93.	1.2	25
21	Responses to drought of five <i>Brachiaria</i> species. II. Water relations and leaf gas exchange. <i>Plant and Soil</i> , 2004, 258, 249-260.	3.7	24
22	Leaf trait associations with environmental variation in the wide-ranging shrub <i>Dodonaea viscosa</i> subsp. <i>angustissima</i> (Sapindaceae). <i>Austral Ecology</i> , 2017, 42, 553-561.	1.5	24
23	Characterising the soil fungal microbiome in metropolitan green spaces across a vegetation biodiversity gradient. <i>Fungal Ecology</i> , 2020, 47, 100939.	1.6	20
24	Quantitative trait, genetic, environmental, and geographical distances among populations of the C4 grass <i>Trachypogon plumosus</i> in Neotropical savannas. <i>Diversity and Distributions</i> , 2004, 10, 283-292.	4.1	18
25	Ecophysiology of the invader <i>Pennisetum setaceum</i> and three native grasses in the Canary Islands. <i>Acta Oecologica</i> , 2010, 36, 248-254.	1.1	18
26	Leaf trait variation of a dominant neotropical savanna tree across rainfall and fertility gradients. <i>Acta Oecologica</i> , 2011, 37, 455-461.	1.1	18
27	Plant invasions research in Latin America: fast track to a more focused agenda. <i>Plant Ecology and Diversity</i> , 2012, 5, 225-232.	2.4	17
28	Patterns of energy content in plants from the venezuelan paramos. <i>Oecologia</i> , 1982, 55, 47-52.	2.0	15
29	Soil Depth and Fertility Effects on Biomass and Nutrient Allocation in Jaraguagrass. <i>Journal of Range Management</i> , 1997, 50, 268.	0.3	14
30	Floristic and structural assessment of Australian rangeland vegetation with standardized plot-based surveys. <i>PLoS ONE</i> , 2018, 13, e0202073.	2.5	11
31	Global change community ecology beyond species sorting: a quantitative framework based on mediterranean biome examples. <i>Global Ecology and Biogeography</i> , 2014, 23, 1062-1072.	5.8	8
32	Biodiversity As Regulator of Energy Flow, Water Use and Nutrient Cycling in Savannas. <i>Ecological Studies</i> , 1996, , 175-194.	1.2	5
33	Functional acclimation across microgeographic scales in <i>Dodonaea viscosa</i> . <i>AoB PLANTS</i> , 2018, 10, p1029.	2.3	3