

# Marko J Spasojevic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8046641/publications.pdf>

Version: 2024-02-01

52  
papers

4,923  
citations

136740

32  
h-index

168136

53  
g-index

56  
all docs

56  
docs citations

56  
times ranked

8537  
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database “ enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
2	Plot-scale evidence of tundra vegetation change and links to recent summer warming. <i>Nature Climate Change</i> , 2012, 2, 453-457.	8.1	745
3	Plant functional trait change across a warming tundra biome. <i>Nature</i> , 2018, 562, 57-62.	13.7	451
4	Inferring community assembly mechanisms from functional diversity patterns: the importance of multiple assembly processes. <i>Journal of Ecology</i> , 2012, 100, 652-661.	1.9	441
5	Mapping local and global variability in plant trait distributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10937-E10946.	3.3	159
6	Intra-specific and inter-specific variation in specific leaf area reveal the importance of abiotic and biotic drivers of species diversity across elevation and latitude. <i>Journal of Vegetation Science</i> , 2013, 24, 921-931.	1.1	157
7	Open Science principles for accelerating trait-based science across the Tree of Life. <i>Nature Ecology and Evolution</i> , 2020, 4, 294-303.	3.4	144
8	Climate and plant community diversity in space and time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4464-4470.	3.3	113
9	Functional composition drives ecosystem function through multiple mechanisms in a broadleaved subtropical forest. <i>Oecologia</i> , 2016, 182, 829-840.	0.9	89
10	Plant diversity and density predict belowground diversity and function in an early successional alpine ecosystem. <i>Ecology</i> , 2018, 99, 1942-1952.	1.5	83
11	The edaphic control of plant diversity. <i>Global Ecology and Biogeography</i> , 2020, 29, 1634-1650.	2.7	83
12	Changes in alpine vegetation over 21 years: Are patterns across a heterogeneous landscape consistent with predictions?. <i>Ecosphere</i> , 2013, 4, 1-18.	1.0	78
13	Functional diversity supports the physiological tolerance hypothesis for plant species richness along climatic gradients. <i>Journal of Ecology</i> , 2014, 102, 447-455.	1.9	71
14	Phenological Changes in Alpine Plants in Response to Increased Snowpack, Temperature, and Nitrogen. <i>Arctic, Antarctic, and Alpine Research</i> , 2012, 44, 135-142.	0.4	67
15	Habitat filtering determines the functional niche occupancy of plant communities worldwide. <i>Journal of Ecology</i> , 2018, 106, 1001-1009.	1.9	66
16	Ontogenetic trait variation influences tree community assembly across environmental gradients. <i>Ecosphere</i> , 2014, 5, 1-20.	1.0	64
17	Fire and grazing in a mesic tallgrass prairie: impacts on plant species and functional traits. <i>Ecology</i> , 2010, 91, 1651-1659.	1.5	63
18	Ecological effects of extreme drought on Californian herbaceous plant communities. <i>Ecological Monographs</i> , 2016, 86, 295-311.	2.4	59

#	ARTICLE	IF	CITATIONS
19	Using functional diversity patterns to explore metacommunity dynamics: a framework for understanding local and regional influences on community structure. <i>Ecography</i> , 2014, 37, 939-949.	2.1	57
20	Tundra Trait Team: A database of plant traits spanning the tundra biome. <i>Global Ecology and Biogeography</i> , 2018, 27, 1402-1411.	2.7	57
21	Integrating species traits into species pools. <i>Ecology</i> , 2018, 99, 1265-1276.	1.5	55
22	Patterns of root colonization by arbuscular mycorrhizal fungi and dark septate endophytes across a mostly-unvegetated, high-elevation landscape. <i>Fungal Ecology</i> , 2018, 36, 63-74.	0.7	55
23	When does intraspecific trait variation contribute to functional beta-diversity?. <i>Journal of Ecology</i> , 2016, 104, 487-496.	1.9	52
24	Global plant trait relationships extend to the climatic extremes of the tundra biome. <i>Nature Communications</i> , 2020, 11, 1351.	5.8	52
25	Can functional traits predict plant community response to global change?. <i>Ecosphere</i> , 2016, 7, e01602.	1.0	49
26	Traditional plant functional groups explain variation in economic but not size-related traits across the tundra biome. <i>Global Ecology and Biogeography</i> , 2019, 28, 78-95.	2.7	49
27	Ecological drivers of spatial community dissimilarity, species replacement and species nestedness across temperate forests. <i>Global Ecology and Biogeography</i> , 2018, 27, 581-592.	2.7	48
28	Winters are changing: snow effects on Arctic and alpine tundra ecosystems. <i>Arctic Science</i> , 2022, 8, 572-608.	0.9	48
29	Contrasting effects of hemiparasites on ecosystem processes: can positive litter effects offset the negative effects of parasitism?. <i>Oecologia</i> , 2011, 165, 193-200.	0.9	42
30	Scaling up the diversity-resilience relationship with trait databases and remote sensing data: the recovery of productivity after wildfire. <i>Global Change Biology</i> , 2016, 22, 1421-1432.	4.2	41
31	Vegetation change at high elevation: scale dependence and interactive effects on Niwot Ridge. <i>Plant Ecology and Diversity</i> , 2015, 8, 713-725.	1.0	40
32	Seed banks of native forbs, but not exotic grasses, increase during extreme drought. <i>Ecology</i> , 2018, 99, 896-903.	1.5	39
33	Accurate forest projections require long-term wood decay experiments because plant trait effects change through time. <i>Global Change Biology</i> , 2020, 26, 864-875.	4.2	34
34	Indirect effects of global change accumulate to alter plant diversity but not ecosystem function in alpine tundra. <i>Journal of Ecology</i> , 2015, 103, 351-360.	1.9	32
35	Patterns of seed dispersal syndromes on serpentine soils: examining the roles of habitat patchiness, soil infertility and correlated functional traits. <i>Plant Ecology and Diversity</i> , 2014, 7, 401-410.	1.0	30
36	Belowground impacts of alpine woody encroachment are determined by plant traits, local climate, and soil conditions. <i>Global Change Biology</i> , 2020, 26, 7112-7127.	4.2	26

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37	Above- and belowground biotic interactions facilitate relocation of plants into cooler environments. <i>Ecology Letters</i> , 2014, 17, 700-709.	3.0	22
38	Beta diversity as a driver of forest biomass across spatial scales. <i>Ecology</i> , 2022, 103, .	1.5	15
39	Soil Microbial Networks Shift Across a High-Elevation Successional Gradient. <i>Frontiers in Microbiology</i> , 2019, 10, 2887.	1.5	14
40	Predicting intraspecific trait variation among California's grasses. <i>Journal of Ecology</i> , 2021, 109, 2662-2677.	1.9	14
41	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	13
42	Nematode community diversity and function across an alpine landscape undergoing plant colonization of previously unvegetated soils. <i>Soil Biology and Biochemistry</i> , 2021, 161, 108380.	4.2	11
43	Cascading effects of mammalian herbivores on ground-dwelling arthropods: Variable responses across arthropod groups, habitats and years. <i>Journal of Animal Ecology</i> , 2019, 88, 1319-1331.	1.3	9
44	Herbivory mediates the long-term shift in the relative importance of microsite and propagule limitation. <i>Journal of Ecology</i> , 2016, 104, 1326-1334.	1.9	8
45	Landscape Physiognomy Influences Abundance of the Lone Star Tick, <i>Amblyomma americanum</i> (Ixodida: Tj ETQq1 1 0.784314 rgBT / 0.9)	1.1	8
46	Area Not Geographic Isolation Mediates Biodiversity Responses of Alpine Refugia to Climate Change. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	8
47	Rethinking biodiversity patterns and processes in stream ecosystems. <i>Ecological Monographs</i> , 2022, 92, .	2.4	8
48	Clustering analysis of large-scale phenotypic data in the model filamentous fungus <i>Neurospora crassa</i> . <i>BMC Genomics</i> , 2020, 21, 755.	1.2	6
49	Variation in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ within and among plant species in the alpine tundra. <i>Arctic, Antarctic, and Alpine Research</i> , 2021, 53, 340-351.	0.4	5
50	Connectivity: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03432.	1.0	4
51	Landscape context mediates the relationship between plant functional traits and decomposition. <i>Plant and Soil</i> , 2019, 438, 377-391.	1.8	1
52	Altered precipitation has asymmetric impacts on annual plant communities in warm and cool growing seasons. <i>Elementa</i> , 2022, 10, .	1.1	1