Marko J Spasojevic

List of Publications by Year
in descending order

52	4,923	136740	168136
papers	citations	32 h-index	53 g-index

56	56	56	8537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Altered precipitation has asymmetric impacts on annual plant communities in warm and cool growing seasons. Elementa, 2022, 10, .	1.1	1
2	Winters are changing: snow effects on Arctic and alpine tundra ecosystems. Arctic Science, 2022, 8, 572-608.	0.9	43
3	Rethinking biodiversity patterns and processes in stream ecosystems. Ecological Monographs, 2022, 92, .	2.4	8
4	Beta diversity as a driver of forest biomass across spatial scales. Ecology, 2022, 103, .	1.5	15
5	Area Not Geographic Isolation Mediates Biodiversity Responses of Alpine Refugia to Climate Change. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	8
6	Connectivity: insights from the U.S. Long Term Ecological Research Network. Ecosphere, 2021, 12, e03432.	1.0	4
7	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	13
8	Predicting intraspecific trait variation among California's grasses. Journal of Ecology, 2021, 109, 2662-2677.	1.9	14
9	Nematode community diversity and function across an alpine landscape undergoing plant colonization of previously unvegetated soils. Soil Biology and Biochemistry, 2021, 161, 108380.	4.2	11
10	Variation in Î´¹³C and Î´¹⁵N within and among plant species in the alpine tundra. Arctic, Antarctic, and Alpine Research, 2021, 53, 340-351.	0.4	5
11	Accurate forest projections require longâ€term wood decay experiments because plant trait effects change through time. Global Change Biology, 2020, 26, 864-875.	4.2	34
12	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
13	The edaphic control of plant diversity. Global Ecology and Biogeography, 2020, 29, 1634-1650.	2.7	83
14	Clustering analysis of large-scale phenotypic data in the model filamentous fungus Neurospora crassa. BMC Genomics, 2020, 21, 755.	1.2	6
15	Belowground impacts of alpine woody encroachment are determined by plant traits, local climate, and soil conditions. Global Change Biology, 2020, 26, 7112-7127.	4.2	26
16	Global plant trait relationships extend to the climatic extremes of the tundra biome. Nature Communications, 2020, 11, 1351.	5.8	52
17	Open Science principles for accelerating trait-based science across the Tree of Life. Nature Ecology and Evolution, 2020, 4, 294-303.	3.4	144
18	Climate and plant community diversity in space and time. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4464-4470.	3.3	113

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19	Cascading effects of mammalian herbivores on groundâ€dwelling arthropods: Variable responses across arthropod groups, habitats and years. Journal of Animal Ecology, 2019, 88, 1319-1331.	1.3	9
20	Landscape context mediates the relationship between plant functional traits and decomposition. Plant and Soil, 2019, 438, 377-391.	1.8	1
21	Soil Microbial Networks Shift Across a High-Elevation Successional Gradient. Frontiers in Microbiology, 2019, 10, 2887.	1.5	14
22	Traditional plant functional groups explain variation in economic but not sizeâ€related traits across the tundra biome. Global Ecology and Biogeography, 2019, 28, 78-95.	2.7	49
23	Seed banks of native forbs, but not exotic grasses, increase during extreme drought. Ecology, 2018, 99, 896-903.	1.5	39
24	Integrating species traits into species pools. Ecology, 2018, 99, 1265-1276.	1.5	55
25	Ecological drivers of spatial community dissimilarity, species replacement and species nestedness across temperate forests. Global Ecology and Biogeography, 2018, 27, 581-592.	2.7	48
26	Habitat filtering determines the functional niche occupancy of plant communities worldwide. Journal of Ecology, 2018, 106, 1001-1009.	1.9	66
27	Tundra Trait Team: A database of plant traits spanning the tundra biome. Global Ecology and Biogeography, 2018, 27, 1402-1411.	2.7	57
28	Patterns of root colonization by arbuscular mycorrhizal fungi and dark septate endophytes across a mostly-unvegetated, high-elevation landscape. Fungal Ecology, 2018, 36, 63-74.	0.7	55
29	Plant functional trait change across a warming tundra biome. Nature, 2018, 562, 57-62.	13.7	451
30	Plant diversity and density predict belowground diversity and function in an early successional alpine ecosystem. Ecology, 2018, 99, 1942-1952.	1.5	83
31	Landscape Physiognomy Influences Abundance of the Lone Star Tick, Amblyomma americanum (Ixodida:) Tj ETQq1 1 0.784314 rgBT /	0.9	8
32	Mapping local and global variability in plant trait distributions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10937-E10946.	3.3	159
33	Herbivory mediates the longâ€term shift in the relative importance of microsite and propagule limitation. Journal of Ecology, 2016, 104, 1326-1334.	1.9	8
34	Scaling up the diversityâ€“resilience relationship with traitÂdatabases and remote sensing data: the recovery ofÂproductivity after wildfire. Global Change Biology, 2016, 22, 1421-1432.	4.2	41
35	When does intraspecific trait variation contribute to functional betaâ€diversity?. Journal of Ecology, 2016, 104, 487-496.	1.9	52
36	Can functional traits predict plant community response to global change?. Ecosphere, 2016, 7, e01602.	1.0	49

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37	Functional composition drives ecosystem function through multiple mechanisms in a broadleaved subtropical forest. Oecologia, 2016, 182, 829-840.	0.9	89
38	Ecological effects of extreme drought on Californian herbaceous plant communities. Ecological Monographs, 2016, 86, 295-311.	2.4	59
39	Indirect effects of global change accumulate to alter plant diversity but not ecosystem function in alpine tundra. Journal of Ecology, 2015, 103, 351-360.	1.9	32
40	Vegetation change at high elevation: scale dependence and interactive effects on Niwot Ridge. Plant Ecology and Diversity, 2015, 8, 713-725.	1.0	40
41	Ontogenetic trait variation influences tree community assembly across environmental gradients. Ecosphere, 2014, 5, 1-20.	1.0	64
42	Aboveâ€•and belowground biotic interactions facilitate relocation of plants into cooler environments. Ecology Letters, 2014, 17, 700-709.	3.0	22
43	Patterns of seed dispersal syndromes on serpentine soils: examining the roles of habitat patchiness, soil infertility and correlated functional traits. Plant Ecology and Diversity, 2014, 7, 401-410.	1.0	30
44	Functional diversity supports the physiological tolerance hypothesis for plant species richness along climatic gradients. Journal of Ecology, 2014, 102, 447-455.	1.9	71
45	Using functional diversity patterns to explore metacommunity dynamics: a framework for understanding local and regional influences on community structure. Ecography, 2014, 37, 939-949.	2.1	57
46	Changes in alpine vegetation over 21 years: Are patterns across a heterogeneous landscape consistent with predictions?. Ecosphere, 2013, 4, 1-18.	1.0	78
47	Intraâ€specific and interâ€specific variation in specific leaf area reveal the importance of abiotic and biotic drivers of species diversity across elevation and latitude. Journal of Vegetation Science, 2013, 24, 921-931.	1.1	157
48	Phenological Changes in Alpine Plants in Response to Increased Snowpack, Temperature, and Nitrogen. Arctic, Antarctic, and Alpine Research, 2012, 44, 135-142.	0.4	67
49	Plot-scale evidence of tundra vegetation change and links to recent summer warming. Nature Climate Change, 2012, 2, 453-457.	8.1	745
50	Inferring community assembly mechanisms from functional diversity patterns: the importance of multiple assembly processes. Journal of Ecology, 2012, 100, 652-661.	1.9	441
51	Contrasting effects of hemiparasites on ecosystem processes: can positive litter effects offset the negative effects of parasitism?. Oecologia, 2011, 165, 193-200.	0.9	42
52	Fire and grazing in a mesic tallgrass prairie: impacts on plant species and functional traits. Ecology, 2010, 91, 1651-1659.	1.5	63