# Jan Leps

List of Publications by Year
in descending order

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|---|---|---|---|
| 197<br>papers | 14,858<br>citations | 28190<br>55<br>h-index | 33814<br>99<br>g-index |
| 208<br>all docs | 208<br>docs citations | 208<br>times ranked | 14196<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ecological assembly rules in plant communitiesâ€"approaches, patterns and prospects. Biological Reviews, 2012, 87, 111-127. | 4.7 | 717 |
| 2 | Assessing the Effects of Land-use Change on Plant Traits, Communities and Ecosystem Functioning in Grasslands: A Standardized Methodology and Lessons from an Application to 11 European Sites. Annals of Botany, 2007, 99, 967-985. | 1.4 | 453 |
| 3 | Community trait response to environment: disentangling species turnover vs intraspecific trait variability effects. Ecography, 2011, 34, 856-863. | 2.1 | 318 |
| 4 | Traits Without Borders: Integrating Functional Diversity Across Scales. Trends in Ecology and Evolution, 2016, 31, 382-394. | 4.2 | 305 |
| 5 | Community stability, complexity and species life history strategies. Plant Ecology, 1982, 50, 53-63. | 1.2 | 268 |
| 6 | Guildâ€specific patterns of species richness and host specialization in plantâ€"herbivore food webs from a tropical forest. Journal of Animal Ecology, 2010, 79, 1193-1203. | 1.3 | 261 |
| 7 | Leaf traits capture the effects of land use changes and climate on litter decomposability of grasslands across Europe. Ecology, 2009, 90, 598-611. | 1.5 | 243 |
| 8 | The partitioning of diversity: showing Theseus a way out of the labyrinth. Journal of Vegetation Science, 2010, 21, 992-1000. | 1.1 | 242 |
| 9 | Variations in species and functional plant diversity along climatic and grazing gradients. Ecography, 2006, 29, 801-810. | 2.1 | 232 |
| 10 | Assessing species and community functional responses to environmental gradients: which multivariate methods?. Journal of Vegetation Science, 2012, 23, 805-821. | 1.1 | 228 |
| 11 | Partitioning of functional diversity reveals the scale and extent of trait convergence and divergence. Journal of Vegetation Science, 2009, 20, 475-486. | 1.1 | 226 |
| 12 | Nutrient status, disturbance and competition: an experimental test of relationships in a wet meadow. Journal of Vegetation Science, 1999, 10, 219-230. | 1.1 | 217 |
| 13 | Quantifying the relevance of intraspecific trait variability for functional diversity. Methods in Ecology and Evolution, 2011, 2, 163-174. | 2.2 | 210 |
| 14 | Functional species pool framework to test for biotic effects on community assembly. Ecology, 2012, 93, 2263-2273. | 1.5 | 205 |
| 15 | Plant species diversity, plant biomass and responses of the soil community on abandoned land across Europe: idiosyncracy or above-belowground time lags. Oikos, 2003, 103, 45-58. | 1.2 | 204 |
| 16 | Niche overlap reveals the effects of competition, disturbance and contrasting assembly processes in experimental grassland communities. Journal of Ecology, 2011, 99, 788-796. | 1.9 | 193 |
| 17 | Predictive value of plant traits to grazing along a climatic gradient in the Mediterranean. Journal of Applied Ecology, 2005, 42, 824-833. | 1.9 | 181 |
| 18 | Importance of species abundance for assessment of trait composition: an example based on pollinator communities. Community Ecology, 2007, 8, 163-170. | 0.5 | 164 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Testing the environmental filtering concept in global drylands. Journal of Ecology, 2017, 105, 1058-1069. | 1.9 | 156 |
| 20 | How reliable are our vegetation analyses?. Journal of Vegetation Science, 1992, 3, 119-124. | 1.1 | 153 |
| 21 | Effect of small-scale disturbance on butterfly communities of an Indochinese montane rainforest. Biological Conservation, 1997, 80, 9-15. | 1.9 | 152 |
| 22 | Detecting local adaptation in widespread grassland species ? the importance of scale and local plant community. Journal of Ecology, 2006, 94, 1130-1142. | 1.9 | 144 |
| 23 | Response of a weed community to nitrogen fertilization: a multivariate analysis. Journal of Vegetation Science, 1991, 2, 237-244. | 1.1 | 132 |
| 24 | Separating the chance effect from other diversity effects in the functioning of plant communities. Oikos, 2001, 92, 123-134. | 1.2 | 132 |
| 25 | Convergence or Divergence: What Should We Expect from Vegetation Succession?. Oikos, 1991, 62, 261. | 1.2 | 127 |
| 26 | What do the biodiversity experiments tell us about consequences of plant species loss in the real world?. Basic and Applied Ecology, 2004, 5, 529-534. | 1.2 | 121 |
| 27 | Taxonomical and functional diversity turnover in Mediterranean grasslands: interactions between grazing, habitat type and rainfall. Journal of Applied Ecology, 2012, 49, 1084-1093. | 1.9 | 121 |
| 28 | Evidence for scaleâ€•and disturbanceâ€dependent trait assembly patterns in dry semiâ€natural grasslands. Journal of Ecology, 2013, 101, 1237-1244. | 1.9 | 120 |
| 29 | Habitat Preferences, Distribution and Seasonality of the Butterflies (Lepidoptera, Papilionoidea) in a Montane Tropical Rain Forest, Vietnam. Journal of Biogeography, 1993, 20, 109. | 1.4 | 117 |
| 30 | Functional diversity through the mean trait dissimilarity: resolving shortcomings with existing paradigms and algorithms. Oecologia, 2016, 180, 933-940. | 0.9 | 116 |
| 31 | Synchrony matters more than species richness in plant community stability at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24345-24351. | 3.3 | 113 |
| 32 | Variability in population and community biomass in a grassland community affected by environmental productivity and diversity. Oikos, 2004, 107, 64-71. | 1.2 | 99 |
| 33 | Scaleâ€•and timeâ€dependent effects of fertilization, mowing and dominant removal on a grassland community during a 15â€year experiment. Journal of Applied Ecology, 2014, 51, 978-987. | 1.9 | 98 |
| 34 | Which trait dissimilarity for functional diversity: trait means or trait overlap?. Journal of Vegetation Science, 2013, 24, 807-819. | 1.1 | 95 |
| 35 | Evaluating Functional Diversity: Missing Trait Data and the Importance of Species Abundance Structure and Data Transformation. PLoS ONE, 2016, 11, e0149270. | 1.1 | 94 |
| 36 | Longâ€term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on exâ€arable fields. Applied Vegetation Science, 2007, 10, 97-110. | 0.9 | 93 |

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|---|---|---|---|
| 37 | Impact of abundance weighting on the response of seed traits to climate and land use. Journal of Ecology, 2008, 96, 355-366. | 1.9 | 92 |
| 38 | Pladias Database of the Czech flora and vegetation. Preslia, 2021, 93, 1-87. | 1.1 | 86 |
| 39 | Relative climatic, edaphic and management controls of plant functional trait signatures. Journal of Vegetation Science, 2009, 20, 148-159. | 1.1 | 84 |
| 40 | On the need for phylogenetic â€˜correctionsâ€™ in functional trait-based approaches. Folia Geobotanica, 2015, 50, 349-357. | 0.4 | 84 |
| 41 | Trait probability density (<scp>TPD</scp>): measuring functional diversity across scales based on <scp>TPD</scp> with R. Ecology, 2019, 100, e02876. | 1.5 | 84 |
| 42 | Towards a more balanced combination of multiple traits when computing functional differences between species. Methods in Ecology and Evolution, 2021, 12, 443-448. | 2.2 | 84 |
| 43 | Plant functional traits as determinants of population stability. Ecology, 2014, 95, 2369-2374. | 1.5 | 83 |
| 44 | Functional trait effects on ecosystem stability: assembling the jigsaw puzzle. Trends in Ecology and Evolution, 2021, 36, 822-836. | 4.2 | 81 |
| 45 | Grazing effects on the speciesâ€“area relationship: Variation along a climatic gradient in NE Spain. Journal of Vegetation Science, 2007, 18, 25-34. | 1.1 | 80 |
| 46 | Sensitivity of seedling recruitment to moss, litter and dominant removal in an oligotrophic wet meadow. Folia Geobotanica, 1998, 33, 17-30. | 0.4 | 79 |
| 47 | Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. Ecology, 2021, 102, e03332. | 1.5 | 74 |
| 48 | Models of the development of spatial pattern of an even-aged plant population over time. Ecological Modelling, 1987, 39, 45-57. | 1.2 | 73 |
| 49 | Which randomizations detect convergence and divergence in traitâ€based community assembly? A test of commonly used null models. Journal of Vegetation Science, 2016, 27, 1275-1287. | 1.1 | 73 |
| 50 | Habitat and successional status of plants in relation to the communities of their leaf-chewing herbivores in Papua New Guinea. Journal of Ecology, 2001, 89, 186-199. | 1.9 | 70 |
| 51 | Vegetation dynamics in early old field succession: a quantitative approach. Plant Ecology, 1987, 72, 95-102. | 1.2 | 68 |
| 52 | Spatial dynamics of forest decline: the role of neighbouring trees. Journal of Vegetation Science, 1996, 7, 789-798. | 1.1 | 65 |
| 53 | No tree an island: the plant-caterpillar food web of a secondary rain forest in New Guinea. Ecology Letters, 2004, 7, 1090-1100. | 3.0 | 64 |
| 54 | Integrating ecology and physiology of rootâ€hemiparasitic interaction: interactive effects of abiotic resources shape the interplay between parasitism and autotrophy. New Phytologist, 2015, 205, 350-360. | 3.5 | 60 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Stabilizing effects in temporal fluctuations: management, traits, and species richness in highâ€diversity communities. Ecology, 2018, 99, 360-371. | 1.5 | 60 |
| 56 | Procedure for separating the selection effect from other effects in diversity-productivity relationship. Ecology Letters, 2001, 4, 585-594. | 3.0 | 59 |
| 57 | Successful invasion of the neotropical species Piper aduncum in rain forests in Papua New Guinea. Applied Vegetation Science, 2002, 5, 255-262. | 0.9 | 57 |
| 58 | Species richness of limestone grasslands increases with trait overlap: evidence from withinâ€and betweenâ€species functional diversity partitioning. Journal of Ecology, 2014, 102, 466-474. | 1.9 | 57 |
| 59 | Regeneration of aGentiana pneumonanthepopulation in an oligotrophic wet meadow. Journal of Vegetation Science, 1996, 7, 107-112. | 1.1 | 56 |
| 60 | Predictably simple: assemblages of caterpillars (Lepidoptera) feeding on rainforest trees in Papua New Guinea. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2337-2344. | 1.2 | 55 |
| 61 | Applying the dark diversity concept to nature conservation. Conservation Biology, 2017, 31, 40-47. | 2.4 | 54 |
| 62 | Potential contribution of natural enemies to patterns of local adaptation in plants. New Phytologist, 2008, 180, 524-533. | 3.5 | 53 |
| 63 | Taylor's Power Law and the Measurement of Variation in the Size of Populations in Space and Time. Oikos, 1993, 68, 349. | 1.2 | 51 |
| 64 | The role of heterotrophic carbon acquisition by the hemiparasitic plant Rhinanthus alectorolophus in seedling establishment in natural communities: a physiological perspective. New Phytologist, 2011, 192, 188-199. | 3.5 | 51 |
| 65 | Transferring biodiversity-ecosystem function research to the management of â€˜real-worldâ€™ ecosystems. Advances in Ecological Research, 2019, 61, 323-356. | 1.4 | 51 |
| 66 | Determinants of Temporal Variation in Moth Abundance. Oikos, 1988, 53, 31. | 1.2 | 50 |
| 67 | GrassPlot â€“ a database of multi-scale plant diversity in Palaearctic grasslands. Phytocoenologia, 2018, 48, 331-347. | 1.2 | 49 |
| 68 | Negative Associations Can Reveal Interspecific Competition and Reversal of Competitive Hierarchies during Succession. Oikos, 1996, 76, 161. | 1.2 | 48 |
| 69 | The response of arbuscular mycorrhizae to fertilization, mowing, and removal of dominant species in a diverse oligotrophic wet meadow. American Journal of Botany, 2000, 87, 392-401. | 0.8 | 47 |
| 70 | Colonising aliens: caterpillars (Lepidoptera) feeding on Piper aduncum and P.â€ƒumbellatum in rainforests of Papua New Guinea. Ecological Entomology, 2003, 28, 704-716. | 1.1 | 47 |
| 71 | Different effects of elevation, habitat fragmentation and grazing management on the functional, phylogenetic and taxonomic structure of mountain grasslands. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 44-53. | 1.1 | 47 |
| 72 | Interactions of the Hemiparasitic Species Rhinanthus minor with its Host Plant Community at Two Nutrient Levels. Folia Geobotanica, 2010, 45, 407-424. | 0.4 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Spatial patterns of tree species distribution in New Guinea primary and secondary lowland rain forest. Journal of Vegetation Science, 2016, 27, 328-339. | 1.1 | 45 |
| 74 | Changes of species richness pattern in mountain grasslands: abandonment versus restoration. Biodiversity and Conservation, 2008, 17, 3241-3253. | 1.2 | 43 |
| 75 | Seasonality promotes grassland diversity: Interactions with mowing, fertilization and removal of dominant species. Journal of Ecology, 2019, 107, 203-215. | 1.9 | 43 |
| 76 | Mathematical modelling of ecological succesionâ€"a review. Folia Geobotanica Et Phytotaxonomica, 1988, 23, 79-94. | 0.4 | 42 |
| 77 | Effects of long- and short-term management on the functional structure of meadows through species turnover and intraspecific trait variability. Oecologia, 2016, 180, 941-950. | 0.9 | 42 |
| 78 | Linking Above- and Belowground Responses to 16 Years of Fertilization, Mowing, and Removal of the Dominant Species in a Temperate Grassland. Ecosystems, 2017, 20, 354-367. | 1.6 | 42 |
| 79 | Species-area curve, life history strategies, and succession: a field test of relationships. Plant Ecology, 1989, 83, 249-257. | 1.2 | 41 |
| 80 | Variability of seedling recruitment under dominant, moss, and litter removal over four years. Folia Geobotanica, 2004, 39, 41-55. | 0.4 | 40 |
| 81 | Positive long-term effect of mulching on species and functional trait diversity in a nutrient-poor mountain meadow in Central Europe. Agriculture, Ecosystems and Environment, 2011, 145, 10-28. | 2.5 | 40 |
| 82 | Environmental gradients and microâ€heterogeneity shape fineâ€scale plant community assembly on coastal dunes. Journal of Vegetation Science, 2017, 28, 762-773. | 1.1 | 39 |
| 83 | Grazing effects on the species-area relationship: Variation along a climatic gradient in NE Spain. Journal of Vegetation Science, 2007, 18, 25. | 1.1 | 38 |
| 84 | A simple mathematical model of the secondary succession of shrubs. Folia Geobotanica Et Phytotaxonomica, 1981, 16, 61-72. | 0.4 | 37 |
| 85 | Establishment success of plant immigrants in a new water reservoir. Folia Geobotanica Et Phytotaxonomica, 1994, 29, 3-14. | 0.4 | 37 |
| 86 | False Head Wing Pattern of the Burmese Junglequeen Butterfly and the Deception of Avian Predators. Biotropica, 1993, 25, 474. | 0.8 | 36 |
| 87 | Long-term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on ex-arable fields. Applied Vegetation Science, 2007, 10, 97. | 0.9 | 36 |
| 88 | The effect of environmental heterogeneity on clonal behaviour of Prunella vulgaris L.. Plant Ecology, 2003, 168, 31-43. | 0.7 | 35 |
| 89 | The relationship of diversity and biomass in phytoplankton communities weakens when accounting for species proportions. Hydrobiologia, 2014, 724, 67-77. | 1.0 | 35 |
| 90 | Title is missing!. Plant Ecology, 1999, 143, 1-11. | 0.7 | 34 |

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|---|---|---|---|
| 91 | Benchmarking plant diversity of Palaearctic grasslands and other open habitats. Journal of Vegetation Science, 2021, 32, e13050. | 1.1 | 34 |
| 92 | Equivalence of competitor effects and tradeoff between vegetative multiplication and generative reproduction: case study with Lychnis flos-cuculi and Myosotis nemorosa. Flora: Morphology, Distribution, Functional Ecology of Plants, 2004, 199, 157-167. | 0.6 | 33 |
| 93 | Reâ€visiting historical semiâ€natural grasslands in the Apennines to assess patterns of changes in species composition and functional traits. Applied Vegetation Science, 2017, 20, 247-258. | 0.9 | 33 |
| 94 | How do log characteristics influence the occurrence of wood fungi in a mountain spruce forest?. Fungal Ecology, 2011, 4, 201-209. | 0.7 | 32 |
| 95 | Plant density affects measures of biodiversity effects. Journal of Plant Ecology, 2013, 6, 1-11. | 1.2 | 32 |
| 96 | Linkage of plant trait space to successional age and species richness in boreal forest understorey vegetation. Journal of Ecology, 2015, 103, 1610-1620. | 1.9 | 32 |
| 97 | Functional differences stabilize beetle communities by weakening interspecific temporal synchrony. Ecology, 2019, 100, e02748. | 1.5 | 32 |
| 98 | Food Plants, Species Composition and Variability of the Moth Community in Undisturbed Forest. Oikos, 1998, 81, 538. | 1.2 | 31 |
| 99 | Measuring size and composition of species pools: a comparison of dark diversity estimates. Ecology and Evolution, 2016, 6, 4088-4101. | 0.8 | 31 |
| 100 | Colonization resistance and establishment success along gradients of functional and phylogenetic diversity in experimental plant communities. Journal of Ecology, 2019, 107, 2090-2104. | 1.9 | 31 |
| 101 | Effect of functional group richness and species richness in manipulated productivityâ€“diversity studies: a glasshouse pot experiment. Acta Oecologica, 2006, 29, 85-96. | 0.5 | 30 |
| 102 | Determinants of ecosystem stability in a diverse temperate forest. Oikos, 2020, 129, 1692-1703. | 1.2 | 30 |
| 103 | Effect of litter, leaf cover and cover of basal internodes of the dominant species Molinia caerulea on seedling recruitment and established vegetation. Acta Oecologica, 2005, 28, 141-147. | 0.5 | 29 |
| 104 | Different plant trait scaling in dry versus wet <scp>C</scp>entral <scp>E</scp>uropean meadows. Journal of Vegetation Science, 2012, 23, 709-720. | 1.1 | 29 |
| 105 | Determinants of litter decomposition rates in a tropical forest: functional traits, phylogeny and ecological succession. Oikos, 2017, 126, 1101-1111. | 1.2 | 29 |
| 106 | Accounting for longâ€term directional trends on yearâ€toâ€year synchrony in species fluctuations. Ecography, 2019, 42, 1728-1741. | 2.1 | 29 |
| 107 | Plant Diversity Changes during the Postglacial in East Asia: Insights from Forest Refugia on Halla Volcano, Jeju Island. PLoS ONE, 2012, 7, e33065. | 1.1 | 29 |
| 108 | The effect of management on productivity, litter accumulation and seedling recruitment in a Carpathian mountain grassland. Plant Ecology, 2012, 213, 523-533. | 0.7 | 28 |

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|---|---|---|---|
| 109 | Changes in trait divergence and convergence along a productivity gradient in wet meadows. Agriculture, Ecosystems and Environment, 2014, 182, 96-105. | 2.5 | 27 |
| 110 | Linking spatiotemporal disturbance history with tree regeneration and diversity in an old-growth forest in northern Japan. Perspectives in Plant Ecology, Evolution and Systematics, 2016, 21, 1-13. | 1.1 | 27 |
| 111 | Influence of soil heterogeneity and competition on growth features of three meadow species. Flora: Morphology, Distribution, Functional Ecology of Plants, 2004, 199, 3-11. | 0.6 | 26 |
| 112 | Spatial pattern affects diversityâ€“productivity relationships in experimental meadow communities. Acta Oecologica, 2010, 36, 325-332. | 0.5 | 26 |
| 113 | Subjectively sampled vegetation data: Donâ€™t throw out the baby with the bath water. Folia Geobotanica, 2007, 42, 169-178. | 0.4 | 24 |
| 114 | Environmental correlates of growth traits of the stoloniferous plant Potentilla palustris. Evolutionary Ecology, 2008, 22, 419-435. | 0.5 | 24 |
| 115 | Positive relationship between plant palatability and litter decomposition in meadow plants. Community Ecology, 2008, 9, 17-27. | 0.5 | 23 |
| 116 | Variance deficit is not reliable evidence for niche limitation. Folia Geobotanica Et Phytotaxonomica, 1995, 30, 455-459. | 0.4 | 22 |
| 117 | Species-pool hypothesis: Limits to its testing. Folia Geobotanica, 2001, 36, 45-52. | 0.4 | 22 |
| 118 | How does surrounding vegetation affect the course of succession: A fiveâ€year container experiment. Journal of Vegetation Science, 2009, 20, 686-694. | 1.1 | 22 |
| 119 | Establishment of hemiparasitic Rhinanthus spp. in grassland restoration: lessons learned from sowing experiments. Applied Vegetation Science, 2014, 17, 274-287. | 0.9 | 22 |
| 120 | The Density Awakens: A Reply to Blonder. Trends in Ecology and Evolution, 2016, 31, 667-669. | 4.2 | 22 |
| 121 | Experimental assessment of dispersal and habitat limitation in an oligotrophic wet meadow. Plant Ecology, 2011, 212, 1231-1242. | 0.7 | 21 |
| 122 | Variation in plant functional traits is best explained by the species identity: Stability of traitâ€based species ranking across meadow management regimes. Functional Ecology, 2019, 33, 746-755. | 1.7 | 21 |
| 123 | Effects of species and functional group richness on production in two fertility environments: an experiment with communities of perennial plants. Acta Oecologica, 2007, 32, 93-103. | 0.5 | 20 |
| 124 | How do management and restoration needs of mountain grasslands depend on moisture regime? Experimental study from northâ€western Slovakia (Western Carpathians). Applied Vegetation Science, 2009, 12, 273-282. | 0.9 | 20 |
| 125 | Response of herbaceous vegetation functional diversity to land use change across five sites in Europe and Israel. Israel Journal of Ecology and Evolution, 2011, 57, 53-72. | 0.2 | 20 |
| 126 | Disentangling the interplay of generative and vegetative propagation among different functional groups during gap colonization in meadows. Functional Ecology, 2017, 31, 458-468. | 1.7 | 20 |

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|---|---|---|---|
| 127 | Changes in the horizontal structure in a spruce forest over a 9-year period of pollutant exposure in the KrkonoÅ¡e mountains, Czechoslovakia. Forest Ecology and Management, 1987, 22, 291-295. | 1.4 | 19 |
| 128 | Relating plant species and functional diversity to community Î´13C in NE Spain pastures. Agriculture, Ecosystems and Environment, 2009, 131, 303-307. | 2.5 | 19 |
| 129 | Modelling the Population Dynamics of Root Hemiparasitic Plants Along a Productivity Gradient. Folia Geobotanica, 2010, 45, 425-442. | 0.4 | 19 |
| 130 | Do climate, resource availability, and grazing pressure filter floristic composition and functioning in Alpine pastures?. Community Ecology, 2012, 13, 45-54. | 0.5 | 19 |
| 131 | Communities of different plant diversity respond similarly to drought stress: experimental evidence from field non-weeded and greenhouse conditions. Die Naturwissenschaften, 2012, 99, 473-482. | 0.6 | 19 |
| 132 | Sown species richness and realized diversity can influence functioning of plant communities differently. Die Naturwissenschaften, 2014, 101, 637-644. | 0.6 | 19 |
| 133 | Root hemiparasitic plants are associated with high diversity in temperate grasslands. Journal of Vegetation Science, 2017, 28, 184-191. | 1.1 | 19 |
| 134 | Are belowground clonal traits good predictors of ecosystem functioning in temperate grasslands?. Functional Ecology, 2021, 35, 787-795. | 1.7 | 19 |
| 135 | Establishment and spatial associations of recruits in meadow gaps. Journal of Vegetation Science, 2013, 24, 496-505. | 1.1 | 16 |
| 136 | Serpentine ecotypic differentiation in a polyploid plant complex: shared tolerance to Mg and Ni stress among di- and tetraploid serpentine populations of Knautia arvensis (Dipsacaceae). Plant and Soil, 2014, 374, 435-447. | 1.8 | 16 |
| 137 | The spatial pattern of Enchytraeidae (Oligochaeta). Oecologia, 1985, 68, 153-157. | 0.9 | 15 |
| 138 | A novel method to predict dark diversity using unconstrained ordination analysis. Journal of Vegetation Science, 2019, 30, 610-619. | 1.1 | 15 |
| 139 | Directional trends in species composition over time can lead to a widespread overemphasis of yearâ€toâ€year asynchrony. Journal of Vegetation Science, 2020, 31, 792-802. | 1.1 | 15 |
| 140 | Use of paired plots and multivariate analysis for the determination of goat grazing preference. Journal of Vegetation Science, 1995, 6, 37-42. | 1.1 | 14 |
| 141 | How does elevated grassland productivity influence populations of root hemiparasites? Commentary on Borowicz and Armstrong (Oecologia 2012). Oecologia, 2013, 172, 933-936. | 0.9 | 14 |
| 142 | Stability of environment and of insect populations. Researches on Population Ecology, 1992, 34, 213-225. | 0.9 | 13 |
| 143 | Early succession on plots with the upper soil horizon removed. Journal of Vegetation Science, 2000, 11, 259-264. | 1.1 | 13 |
| 144 | Effect of plant species richness on invasibility of experimental plant communities. Plant Ecology, 2008, 198, 253-263. | 0.7 | 13 |

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|---|---|---|---|
| 145 | A test of the explanatory power of plant functional traits on the individual and population levels. Perspectives in Plant Ecology, Evolution and Systematics, 2011, 13, 189-199. | 1.1 | 13 |
| 146 | Root hemiparasites in productive communities should attack competitive host, and harm them to make regeneration gaps. Journal of Vegetation Science, 2015, 26, 407-408. | 1.1 | 13 |
| 147 | Differential response of communities of plants, snails, ants and spiders to long-term mowing in a small-scale experiment. Community Ecology, 2015, 16, 115-124. | 0.5 | 13 |
| 148 | Are clonal traits and their response to defoliation good predictors of grazing resistance?. Botany, 2013, 91, 62-68. | 0.5 | 12 |
| 149 | Effects of disturbance regime on carbohydrate reserves in meadow plants. AoB PLANTS, 2015, 7, plv123. | 1.2 | 12 |
| 150 | The plant functional traits that explain species occurrence across fragmented grasslands differ according to patch management, isolation, and wetness. Landscape Ecology, 2017, 32, 791-805. | 1.9 | 12 |
| 151 | Shift from trait convergence to divergence along oldâ€field succession. Journal of Vegetation Science, 2021, 32, e12986. | 1.1 | 12 |
| 152 | Strong impact of management regimes on rhizome biomass across Central European temperate grasslands. Ecological Applications, 2021, 31, e02317. | 1.8 | 12 |
| 153 | Effect of Light and Moisture Conditions and Seed Age on Germination of Three Closely Related Myosotis Species. Folia Geobotanica, 2009, 44, 109-130. | 0.4 | 11 |
| 154 | Dynamics of Typha domingensis spread in Eleocharis dominated oligotrophic tropical wetlands following nutrient enrichment. Evolutionary Ecology, 2010, 24, 1505-1519. | 0.5 | 11 |
| 155 | Victims of agricultural intensification: Mowing date affects Rhinanthus spp. regeneration and fruit ripening. Agriculture, Ecosystems and Environment, 2015, 211, 10-16. | 2.5 | 11 |
| 156 | A multi-scale approach reveals random phylogenetic patterns at the edge of vascular plant life. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 30, 22-30. | 1.1 | 11 |
| 157 | The role of biotic interactions in plant community assembly: What is the community species pool?. Acta Oecologica, 2017, 85, 150-156. | 0.5 | 10 |
| 158 | Competition among functional groups increases asynchrony of their temporal fluctuations in a temperate grassland. Journal of Vegetation Science, 2019, 30, 1068-1077. | 1.1 | 10 |
| 159 | Weak coordination between leaf drought tolerance and proxy traits in herbaceous plants. Functional Ecology, 2021, 35, 1299-1311. | 1.7 | 10 |
| 160 | Vegetation of the RozkoÅ•reservoir near Ä‹eskÃ¡ Skalice (East Bohemia) 1. The vegetation development during the first five years after its filling. Folia Geobotanica Et Phytotaxonomica, 1980, 15, 321-362. | 0.4 | 9 |
| 161 | Do biodiversity indices behave as expected from traits of constituent species in simulated scenarios?. Ecological Modelling, 2011, 222, 2049-2058. | 1.2 | 8 |
| 162 | Traits as determinants of species abundance in a grassland community. Journal of Vegetation Science, 2021, 32, e13041. | 1.1 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Changes in the functional trait composition and diversity of meadow communities induced by Rhinanthus minor L.. Folia Geobotanica, 2016, 51, 1-11. | 0.4 | 7 |
| 164 | Trophic gradient is the main determinant of species and large taxonomic groups representation in phytoplankton of standing water bodies. Ecological Indicators, 2018, 85, 262-270. | 2.6 | 7 |
| 165 | Impact of herbivory and competition on lake ecosystem structure: underwater experimental manipulation. Scientific Reports, 2018, 8, 12130. | 1.6 | 7 |
| 166 | The legacy of initial sowing after 20Âyears of ex-arable land colonisation. Oecologia, 2019, 190, 459-469. | 0.9 | 7 |
| 167 | ï»¿Alien plants tend to occur in species-poor communities. NeoBiota, 0, 73, 39-56. | 1.0 | 7 |
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