

Petr Dostal

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,044
citations

471371

17
h-index

414303

32
g-index

33
all docs

33
docs citations

33
times ranked

1620
citing authors

#	ARTICLE	IF	CITATIONS
1	The temporal development of plant-soil feedback is contingent on competition and nutrient availability contexts. <i>Oecologia</i> , 2021, 196, 185-194.	0.9	4
2	Nutrient-demanding species face less negative competition and plant-soil feedback effects in a nutrient-rich environment. <i>New Phytologist</i> , 2020, 225, 1343-1354.	3.5	22
3	Comparing experimental and field-measured traits and their variability in Central European grassland species. <i>Journal of Vegetation Science</i> , 2020, 31, 561-570.	1.1	3
4	Linking species abundance and overyielding from experimental communities with niche and fitness characteristics. <i>Journal of Ecology</i> , 2019, 107, 178-189.	1.9	6
5	Large generative and vegetative reproduction independently increases global success of perennial plants from Central Europe. <i>Journal of Biogeography</i> , 2018, 45, 1550-1559.	1.4	10
6	What processes shape early-successional vegetation in fly ash and mine tailings?. <i>Plant Ecology</i> , 2017, 218, 127-137.	0.7	9
7	No evidence for larger leaf trait plasticity in ecological generalists compared to specialists. <i>Journal of Biogeography</i> , 2017, 44, 511-521.	1.4	11
8	Phenotypic plasticity is a negative, though weak, predictor of the commonness of 105 grassland species. <i>Global Ecology and Biogeography</i> , 2016, 25, 464-474.	2.7	17
9	Intraspecific variability in allelopathy of <i>Heracleum mantegazzianum</i> is linked to the metabolic profile of root exudates. <i>Annals of Botany</i> , 2015, 115, 821-831.	1.4	26
10	Searching for <i>Heracleum mantegazzianum</i> allelopathy in vitro and in a garden experiment. <i>Biological Invasions</i> , 2015, 17, 987-1003.	1.2	8
11	Long-term impact of <i>Heracleum mantegazzianum</i> invasion on soil chemical and biological characteristics. <i>Soil Biology and Biochemistry</i> , 2014, 68, 270-278.	4.2	34
12	Central European plant species from more productive habitats are more invasive at a global scale. <i>Global Ecology and Biogeography</i> , 2013, 22, 64-72.	2.7	73
13	The impact of an invasive plant changes over time. <i>Ecology Letters</i> , 2013, 16, 1277-1284.	3.0	181
14	Enemy damage of exotic plant species is similar to that of natives and increases with productivity. <i>Journal of Ecology</i> , 2013, 101, 388-399.	1.9	27
15	Seed rain and seed persistence of <i>Calamagrostis epigejos</i> (L.) roth in extreme ecotoxicological conditions at an abandoned ore-washery sedimentation basin. <i>Journal of Landscape Ecology</i> (Czech) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	1
16	Native jewelweed, but not other native species, displays post-invasion trait divergence. <i>Oikos</i> , 2012, 121, 1849-1859.	1.2	12
17	Population genetic structure of the noxious weed <i>Amaranthus retroflexus</i> in Central Europe. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 697-703.	0.6	21
18	Research on invasive-plant traits tells us a lot. <i>Trends in Ecology and Evolution</i> , 2011, 26, 317.	4.2	55

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19	Does relatedness of natives used for soil conditioning influence plant-soil feedback of exotics?. <i>Biological Invasions</i> , 2011, 13, 331-340.	1.2	15
20	Plant Competitive Interactions and Invasiveness: Searching for the Effects of Phylogenetic Relatedness and Origin on Competition Intensity. <i>American Naturalist</i> , 2011, 177, 655-667.	1.0	68
21	Post-dispersal seed mortality of exotic and native species: Effects of fungal pathogens and seed predators. <i>Basic and Applied Ecology</i> , 2010, 11, 676-684.	1.2	13
22	Region versus site variation in the population dynamics of three short-lived perennials. <i>Journal of Ecology</i> , 2010, 98, 279-289.	1.9	55
23	Interspecific competition changes reproductive output but does not increase reproductive costs in a grassland perennial. <i>Basic and Applied Ecology</i> , 2009, 10, 525-534.	1.2	4
24	Ants accelerate succession from mountain grassland towards spruce forest. <i>Journal of Vegetation Science</i> , 2009, 20, 577-587.	1.1	5
25	Low population differentiation and high genetic diversity in the invasive species <i>Carduus acanthoides</i> L. (Asteraceae) within its native range in the Czech Republic. <i>Biological Journal of the Linnean Society</i> , 2009, 98, 596-607.	0.7	14
26	The spatial scale of adaptive population differentiation in a wide-spread, well-dispersed plant species. <i>Oikos</i> , 2008, 117, 1865-1873.	1.2	26
27	Population dynamics of annuals in perennial grassland controlled by ants and environmental stochasticity. <i>Journal of Vegetation Science</i> , 2007, 18, 91-102.	1.1	21
28	Local adaptation in the monocarpic perennial <i>Carlina vulgaris</i> at different spatial scales across Europe. <i>Oecologia</i> , 2006, 150, 506-518.	0.9	112
29	Is the population turnover of patchy-distributed annuals determined by dormancy dynamics or dispersal processes?. <i>Ecography</i> , 2005, 28, 745-756.	2.1	20
30	Effect of three mound-building ant species on the formation of soil seed bank in mountain grassland. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2005, 200, 148-158.	0.6	30
31	Ant-induced soil modification and its effect on plant below-ground biomass. <i>Pedobiologia</i> , 2005, 49, 127-137.	0.5	113
32	Title is missing!. <i>Plant Ecology</i> , 2001, 156, 215-227.	0.7	27