Peter M Kotanen

List of Publications by Year in descending order

42	3,375	257450 24	289244 40
papers	citations	h-index	g-index

42	42	42	4010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assembly and ecological function of the root microbiome across angiosperm plant species. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1157-E1165.	7.1	739
2	Terrestrial plant tolerance to herbivory. Trends in Ecology and Evolution, 1994, 9, 145-148.	8.7	493
3	ENEMY RELEASE? AN EXPERIMENT WITH CONGENERIC PLANT PAIRS AND DIVERSE ABOVE- AND BELOWGROUND ENEMIES. Ecology, 2005, 86, 2979-2989.	3.2	344
4	Herbivores and the success of exotic plants: a phylogenetically controlled experiment. Ecology Letters, 2003, 6, 712-715.	6.4	282
5	Indirect effects of parasites in invasions. Functional Ecology, 2012, 26, 1262-1274.	3.6	172
6	Responses of vegetation to a changing regime of disturbance: effects of feral pigs in a Californian coastal prairie. Ecography, 1995, 18, 190-199.	4.5	129
7	Sources of Controversy Surrounding Latitudinal Patterns in Herbivory and Defense. Trends in Ecology and Evolution, 2016, 31, 789-802.	8.7	121
8	Effects of Experiemental Soil Disturbance on Revegetation By Natives and Exotics in Coastal California Meadows. Journal of Applied Ecology, 1997, 34, 631.	4.0	92
9	Evidence that phylogenetically novel non-indigenous plants experience less herbivory. Oecologia, 2009, 161, 581-590.	2.0	88
10	The influence of soil moisture on losses of buried seeds to fungi. Acta Oecologica, 2003, 24, 255-263.	1.1	85
11	Enemy release but no evolutionary loss of defence in a plant invasion: an inter-continental reciprocal transplant experiment. Oecologia, 2005, 146, 404-414.	2.0	74
12	Evidence that fungal pathogens inhibit recruitment of a shade-intolerant tree, white birch (Betula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	72
13	Impacts of naturally-occurring soil fungi on seeds of meadow plants. Plant Ecology, 2004, 175, 19-35.	1.6	69
14	Effects of gap area and shape on recolonization by grassland plants with differing reproductive strategies. Canadian Journal of Botany, 1997, 75, 352-361.	1.1	62
15	Phylogenetic relatedness, phenotypic similarity and plantâ€“soil feedbacks. Journal of Ecology, 2017, 105, 786-800.	4.0	50
16	Local escape of an invasive plant, common ragweed (Ambrosia artemisiifolia L.), from aboveâ€ground and belowâ€ground enemies in its native area. Journal of Ecology, 2008, 96, 1152-1161.	4.0	49
17	Persistence in the seed bank: The effects of fungi and invertebrates on seeds of native and exotic plants. Ecoscience, 2002, 9, 509-517.	1.4	46
18	Revegetation following soil disturbance in a California meadow: the role of propagule supply. Oecologia, 1996, 108, 652-662.	2.0	43

#	Article	IF	Citations
19	Post-dispersal losses to seed predators: an eÃ—perimental comparison of native and eÃ—otic old field plants. Canadian Journal of Botany, 2001, 79, 284-292.	1.1	42
20	The effects of disturbance and enemy exclusion on performance of an invasive species, common ragweed, in its native range. Oecologia, 2010, 162, 977-986.	2.0	38
21	Effects of fungal seed pathogens under conspecific and heterospecific trees in a temperate forest. Canadian Journal of Botany, 2007, 85, 918-925.	1.1	31
22	Revegetation following Soil Disturbance and Invasion in a Californian Meadow: a 10-year History of Recovery. Biological Invasions, 2004, 6, 245-254.	2.4	29
23	Invasive earthworms as seed predators of temperate forest plants. Biological Invasions, 2016, 18, 1567-1580.	2.4	29
24	Phylogenetically structured damage to Asteraceae: susceptibility of native and exotic species to foliar herbivores. Biological Invasions, 2010, 12, 3333-3342.	2.4	24
25	Latitudinal trends in herbivory and performance of an invasive species, common burdock (Arctium) Tj ETQq1 1 0.784314 rgBT /Overlo	2.4	22
26	The Global Garlic Mustard Field Survey (GGMFS): challenges and opportunities of a unique, large-scale collaboration for invasion biology. NeoBiota, 0, 21, 29-47.	1.0	19
27	Fates of Added Nitrogen in Freshwater Arctic Wetlands Grazed by Snow Geese: The Role of Mosses. Arctic, Antarctic, and Alpine Research, 2002, 34, 219.	1.1	15
28	Phylogenetic structure predicts capitular damage to Asteraceae better than origin or phylogenetic distance to natives. Oecologia, 2011, 166, 843-851.	2.0	13
29	Variation in herbivory along a latitudinal gradient for native and exotic Asteraceae. Plant Ecology, 2016, 217, 481-493.	1.6	13
30	Fates of Added Nitrogen in Freshwater Arctic Wetlands Grazed by Snow Geese: The Role of Mosses. Arctic, Antarctic, and Alpine Research, 2002, 34, 219-225.	1.1	12
31	Leaf damage has weak effects on growth and fecundity of common ragweed (Ambrosia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.0	12
32	Soil-mediated impacts of an invasive thistle inhibit the recruitment of certain native plants. Oecologia, 2019, 190, 619-628.	2.0	11
33	Comparative impacts of aboveground and belowground enemies on an invasive thistle. Ecology and Evolution, 2018, 8, 1430-1440.	1.9	9
34	Context-dependent patterns, determinants and demographic consequences of herbivory in an invasive species. Biological Invasions, 2015, 17, 165-178.	2.4	8
35	Differences in herbivore damage and performance among Arctium minus (burdock) genotypes sampled from a geographic gradient: a common garden experiment. Biological Invasions, 2015, 17, 397-408.	2.4	8
36	Nonsystemic fungal endophytes increase survival but reduce tolerance to simulated herbivory in subarctic Festuca rubra. Ecosphere, 2016, 7, e01260.	2.2	8

#	Article	IF	Citations
37	Biotic interactions experienced by a new invader: effects of its close relatives at the community scale. Botany, 2012, 90, 35-42.	1.0	6
38	Soil biota composition and the performance of a noxious weed across its invaded range. Ecography, 2019, 42, 1671-1681.	4.5	6
39	Survival and growth of the forage grassFestuca rubrain naturally and artificially devegetated sites in a sub-arctic coastal marsh. Ecoscience, 2005, 12, 279-285.	1.4	5
40	Does local isolation allow an invasive thistle to escape enemy pressure?. Oecologia, 2018, 188, 139-147.	2.0	4
41	Differences in herbivore damage to Arctium minus in open and forest habitats in its non-native range. Botany, 2017, 95, 841-845.	1.0	1
42	Reply from J.P. Rosenthal and P. Kotanen. Trends in Ecology and Evolution, 1995, 10, 82.	8.7	0