

Peter S Petraitis

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,000
citations

218677

26
h-index

168389

53
g-index

63
all docs

63
docs citations

63
times ranked

2969
citing authors

#	ARTICLE	IF	CITATIONS
1	Greater effect of warming on community composition with increased precipitation and in moister landscape location. <i>Journal of Vegetation Science</i> , 2020, 31, 3-13.	2.2	4
2	Declines over the last two decades of five intertidal invertebrate species in the western North Atlantic. <i>Communications Biology</i> , 2020, 3, 591.	4.4	19
3	Rocky Intertidal Shores of the North-West Atlantic Ocean. , 2019, , 61-89.		3
4	Effects of increased temperature on plant communities depend on landscape location and precipitation. <i>Ecology and Evolution</i> , 2018, 8, 5267-5278.	1.9	36
5	Short-term manipulation of precipitation in Mongolian steppe shows vegetation influenced more by timing than amount of rainfall. <i>Journal of Vegetation Science</i> , 2016, 27, 249-258.	2.2	19
6	Interviews of Mongolian herders and high resolution precipitation data reveal an increase in short heavy rains and thunderstorm activity in semi-arid Mongolia. <i>Climatic Change</i> , 2016, 136, 281-295.	3.6	30
7	Soil and ecosystem respiration responses to grazing, watering and experimental warming chamber treatments across topographical gradients in northern Mongolia. <i>Geoderma</i> , 2016, 269, 91-98.	5.1	43
8	Leaf-trait plasticity and species vulnerability to climate change in a Mongolian steppe. <i>Global Change Biology</i> , 2015, 21, 3489-3498.	9.5	63
9	Variation in recruitment and the establishment of alternative community states. <i>Ecology</i> , 2015, 96, 3186-3196.	3.2	29
10	Climate change and grazing interact to alter flowering patterns in the Mongolian steppe. <i>Oecologia</i> , 2014, 175, 251-260.	2.0	18
11	Plant response to climate change varies with topography, interactions with neighbors, and ecotype. <i>Ecology</i> , 2013, 94, 444-453.	3.2	115
12	Effects of open-top passive warming chambers on soil respiration in the semi-arid steppe to taiga forest transition zone in Northern Mongolia. <i>Biogeochemistry</i> , 2013, 115, 333-348.	3.5	23
13	Vulnerability of the northern Mongolian steppe to climate change: insights from flower production and phenology. <i>Ecology</i> , 2012, 93, 815-824.	3.2	38
14	Legumes mitigate ecological consequences of a topographic gradient in a northern Mongolian steppe. <i>Oecologia</i> , 2012, 169, 85-94.	2.0	15
15	Temporal and spatial variation in how vegetation alters the soil moisture response to climate manipulation. <i>Plant and Soil</i> , 2012, 351, 249-261.	3.7	52
16	An intertidal snail shows a dramatic size increase over the past century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5209-5212.	7.1	20
17	Experimental confirmation of multiple community states in a marine ecosystem. <i>Oecologia</i> , 2009, 161, 139-148.	2.0	79
18	Barnacle, fucoid, and mussel recruitment in the Gulf of Maine, USA, from 1997 to 2007. <i>Ecology</i> , 2009, 90, 571-571.	3.2	4

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19	Disruption, Succession and Stochasticity. <i>Ecological Studies</i> , 2009, , 201-212.	1.2	2
20	PROPAGATION OF SCALE-DEPENDENT EFFECTS FROM RECRUITS TO ADULTS IN BARNACLES AND SEAWEEDS. <i>Ecology</i> , 2008, 89, 3128-3137.	3.2	9
21	DENSITIES AND COVER DATA FOR INTERTIDAL ORGANISMS IN THE GULF OF MAINE, USA, FROM 2003 TO 2007. <i>Ecology</i> , 2008, 89, 588-588.	3.2	5
22	MARINE INTERTIDAL ORGANISMS FOUND IN EXPERIMENTAL CLEARINGS ON SHELTERED SHORES, GULF OF MAINE, USA. <i>Ecology</i> , 2006, 87, 796-796.	3.2	8
23	Using patterns of variability to test for multiple community states on rocky intertidal shores. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 338, 222-232.	1.5	17
24	First year demography of the foundation species, <i>Ascophyllum nodosum</i> , and its community implications. <i>Oikos</i> , 2005, 109, 405-415.	2.7	51
25	Divergent succession and implications for alternative states on rocky intertidal shores. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 326, 14-26.	1.5	31
26	Regression versus ANOVA (Peer-Reviewed Letter). <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 356.	4.0	9
27	DO ALTERNATE STABLE COMMUNITY STATES EXIST IN THE GULF OF MAINE ROCKY INTERTIDAL ZONE? COMMENT. <i>Ecology</i> , 2004, 85, 1160-1165.	3.2	25
28	Detection of alternative stable states in marine communities. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 300, 343-371.	1.5	186
29	Survivorship of juvenile barnacles and mussels: spatial dependence and the origin of alternative communities. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 293, 217-236.	1.5	22
30	Designing Experiments that Control for Spatial and Temporal Variation. <i>Mongolian Journal of Biological Sciences</i> , 2003, 1, 15-23.	0.3	0
31	SCALE-DEPENDENT RECRUITMENT AND DIVERGENCE OF INTERTIDAL COMMUNITIES. <i>Ecology</i> , 2001, 82, 991-1006.	3.2	86
32	Effects of herbivorous snails and macroalgal canopy on recruitment and early survivorship of the barnacle <i>Semibalanus balanoides</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 257, 205-218.	1.5	20
33	Body size-density relationship for <i>Mytilus edulis</i> in an experimental food-regulated situation. <i>Oikos</i> , 2000, 90, 28-42.	2.7	50
34	THE IMPORTANCE OF SCALE IN TESTING THE ORIGINS OF ALTERNATIVE COMMUNITY STATES. <i>Ecology</i> , 1999, 80, 429-442.	3.2	246
35	Experimental Evidence for the Origin of Alternative Communities on Rocky Intertidal Shores. <i>Oikos</i> , 1999, 84, 239.	2.7	111
36	Timing of mussel mortality and predator activity in sheltered bays of the Gulf of Maine, USA. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 231, 47-62.	1.5	15

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37	Mortality differences of two intertidal mussels, <i>Mytilus edulis</i> L. and <i>Geukensia demissa</i> (Dillwyn), in a New Jersey salt marsh. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 231, 255-265.	1.5	4
38	Field estimates of growth and mortality of the green sea urchin, <i>Strongylocentrotus droebachiensis</i> . <i>Ophelia</i> , 1998, 48, 137-153.	0.3	53
39	Surveying Natural Populations. Lee-Ann C. Hayek, Martin A. Buzas. <i>Quarterly Review of Biology</i> , 1998, 73, 535-535.	0.1	0
40	The Role of Growth in Maintaining Spatial Dominance by Mussels (<i>Mytilus Edulis</i>). <i>Ecology</i> , 1995, 76, 1337-1346.	3.2	81
41	Use of Average vs. Total Biomass in Self-Thinning Relationships. <i>Ecology</i> , 1995, 76, 656-658.	3.2	15
42	Recruitment of the mussel <i>Mytilus edulis</i> L. on sheltered and exposed shores in Maine, USA. <i>Journal of Experimental Marine Biology and Ecology</i> , 1991, 147, 65-80.	1.5	37
43	The effects of sex ratio and density on the expression of gender in the polychaete <i>Capitella capitata</i> . <i>Evolutionary Ecology</i> , 1991, 5, 393-404.	1.2	21
44	Direct and indirect effects of predation, herbivory and surface rugosity on mussel recruitment. <i>Oecologia</i> , 1990, 83, 405-413.	2.0	92
45	Effects of the periwinkle <i>Littorina littorea</i> (L.) and of intraspecific competition on growth and survivorship of the limpet <i>Notoacmea testudinalis</i> (Müller). <i>Journal of Experimental Marine Biology and Ecology</i> , 1989, 125, 99-115.	1.5	6
46	The Maintenance of Species Diversity by Disturbance. <i>Quarterly Review of Biology</i> , 1989, 64, 393-418.	0.1	537
47	Factors organizing rocky intertidal communities of New England: Herbivory and predation in sheltered bays. <i>Journal of Experimental Marine Biology and Ecology</i> , 1987, 109, 117-136.	1.5	80
48	IMMOBILIZATION OF THE PREDATORY GASTROPOD, <i>NUCELLA LAPILLUS</i> , BY ITS PREY, <i>MYTILUS EDULIS</i> . <i>Biological Bulletin</i> , 1987, 172, 307-314.	1.8	52
49	Digametic sex determination in the marine polychaete, <i>Capitella capitata</i> (species type I). <i>Heredity</i> , 1985, 55, 151-156.	2.6	15
50	FEMALES INHIBIT MALES' PROPENSITY TO DEVELOP INTO SIMULTANEOUS HERMAPHRODITES IN <i>CAPITELLA</i> SPECIES I (POLYCHAETA). <i>Biological Bulletin</i> , 1985, 168, 395-402.	1.8	25
51	The Relationship between Likelihood Niche Measures and Replicated Tests for Goodness-of-Fit. <i>Ecology</i> , 1985, 66, 1983-1985.	3.2	17
52	Presentation of Niche Measure Relationships when More than Three Resource Classes are Involved. <i>Ecology</i> , 1983, 64, 1318-1320.	3.2	3
53	Grazing Patterns of the Periwinkle and Their Effect on Sessile Intertidal Organisms. <i>Ecology</i> , 1983, 64, 522-533.	3.2	57
54	Occurrence of random and directional movements in the periwinkle, <i>Littorina littorea</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1982, 59, 207-217.	1.5	51

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55	Dominance rankings and problems of intransitive relationships. Behavioral and Brain Sciences, 1981, 4, 445-446.	0.7	8
56	Algebraic and Graphical Relationships Among Niche Breadth Measures. Ecology, 1981, 62, 545-548.	3.2	16
57	Likelihood Measures of Niche Breadth and Overlap. Ecology, 1979, 60, 703-710.	3.2	167
58	Competitive Networks and Measures of Intransitivity. American Naturalist, 1979, 114, 921-925.	2.1	62
59	A General Measure of Habitat Loyalty. American Naturalist, 1978, 112, 1123-1125.	2.1	1
60	The Presentation of Original Work in Medicine and Biology. Hugh Dudley. Quarterly Review of Biology, 1978, 53, 216-216.	0.1	0
61	The Evolutionary Ecology of Animals. Studies in Soviet Science: Life Sciences, 1977.S. S. Shvarts , Ayesha E. Gill. Quarterly Review of Biology, 1978, 53, 312-312.	0.1	0
62	Experimental evidence for resilience of rockweeds on rocky shores in the Gulf of Maine, USA. Limnology and Oceanography, 0, , .	3.1	2