John J Stachowicz

List of Publications by Year
in descending order

82	13,925	76326	60623
papers	citations	40 h-index	81 g-index

87	87	87	14872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Local adaptation in a marine foundation species: Implications for resilience to future global change. Global Change Biology, 2022, 28, 2596-2610.	9.5	26
2	Sodium molybdate does not inhibit sulfate-reducing bacteria but increases shell growth in the Pacific oyster Magallana gigas. PLoS ONE, 2022, 17, e0262939.	2.5	2
3	The biogeography of community assembly: latitude and predation drive variation in community trait distribution in a guild of epifaunal crustaceans. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211762.	2.6	9
4	Disturbance decreases genotypic diversity by reducing colonization: Implications for disturbanceâ€“diversity feedbacks. Ecology, 2022, , e3710.	3.2	1
5	Disease surveillance by artificial intelligence links eelgrass wasting disease to ocean warming across latitudes. Limnology and Oceanography, 2022, 67, 1577-1589.	3.1	11
6	Hidden biodiversity: Spatial mosaics of eelgrass genotypic diversity at the centimeter to meadow scale. Ecology, 2022, 103, .	3.2	3
7	Sequential disturbances alter the outcome of interâ€genotypic interactions in a clonal plant. Functional Ecology, 2021, 35, 127-138.	3.6	3
8	Experimental Warming Enhances Effects of Eelgrass Genetic Diversity Via Temperature-Induced Niche Differentiation. Estuaries and Coasts, 2021, 44, 545-557.	2.2	11
9	Susan Lynn Williams: the Life of an Exceptional Scholar, Leader, and Friend (1951â€“2018). Estuaries and Coasts, 2021, 44, 304-311.	2.2	1
10	Joint effects of patch edges and habitat degradation on faunal predation risk in a widespread marine foundation species. Ecology, 2021, 102, e03316.	3.2	10
11	Previous exposure mediates the response of eelgrass to future warming via clonal transgenerational plasticity. Ecology, 2020, 101, e03169.	3.2	21
12	Climate drives the geography of marine consumption by changing predator communities. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28160-28166.	7.1	29
13	Human-induced reductions in fish predator boldness decrease their predation rates in kelp forests. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182745.	2.6	14
14	Marine Macrophyte Detritus and Degradation: the Role of Intraspecific Genetic Variation. Estuaries and Coasts, 2018, 41, 1223-1233.	2.2	1
15	Plant genotype identity and diversity interact with mesograzer species diversity to influence detrital consumption in eelgrass meadows. Oikos, 2018, 127, 327-336.	2.7	11
16	Latitude, temperature, and habitat complexity predict predation pressure in eelgrass beds across the Northern Hemisphere. Ecology, 2018, 99, 29-35.	3.2	70
17	Formâ€“function relationships in a marine foundation species depend on scale: a shoot to global perspective from a distributed ecological experiment. Oikos, 2018, 127, 364-374.	2.7	7
18	Blue Carbon Storage Capacity of Temperate Eelgrass (<scp>Zostera marina</scp>) Meadows. Global Biogeochemical Cycles, 2018, 32, 1457-1475.	4.9	130

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19	Genetic distance predicts trait differentiation at the subpopulation but not the individual level in eelgrass, Zostera marina. Ecology and Evolution, 2018, 8, 7476-7489.	1.9	17
20	Assessing Feeding Preferences of a Consumer Guild: Partitioning Variation Among versus Within Species. American Naturalist, 2018, 192, 287-300.	2.1	13
21	Expected limits on the ocean acidification buffering potential of a temperate seagrass meadow. Ecological Applications, 2018, 28, 1694-1714.	3.8	54
22	Fished species uniformly reduced escape behaviors in response to protection. Biological Conservation, 2018, 226, 238-246.	4.1	4
23	Global-Scale Structure of the Eelgrass Microbiome. Applied and Environmental Microbiology, 2017, 83, .	3.1	147
24	Multiple dimensions of intraspecific diversity affect biomass of eelgrass and its associated community. Ecology, 2017, 98, 3152-3164.	3.2	21
25	Microbial communities in sediment from Zostera marina patches, but not the Z.Âmarina leaf or root microbiomes, vary in relation to distance from patch edge. PeerJ, 2017, 5, e3246.	2.0	115
26	Microbiome succession during ammonification in eelgrass bed sediments. PeerJ, 2017, 5, e3674.	2.0	24
27	Facilitation and the niche: implications for coexistence, range shifts and ecosystem functioning. Functional Ecology, 2016, 30, 70-78.	3.6	179
28	Microhabitat partitioning in seagrass mesograzers is driven by consistent species choices across multiple predator and competitor contexts. Oikos, 2016, 125, 1324-1333.	2.7	18
29	Grazer diversity interacts with biogenic habitat heterogeneity to accelerate intertidal algal succession. Ecology, 2016, 97, 2136-2146.	3.2	15
30	The relative importance of trait vs. genetic differentiation for the outcome of interactions among plant genotypes. Ecology, 2016, 97, 84-94.	3.2	25
31	Response of a Habitat-Forming Marine Plant to a Simulated Warming Event Is Delayed, Genotype Specific, and Varies with Phenology. PLoS ONE, 2016, 11, e0154532.	2.5	34
32	Biodiversity mediates topâ€“down control in eelgrass ecosystems: a global comparativeâ€experimental approach. Ecology Letters, 2015, 18, 696-705.	6.4	188
33	Invasion Expansion: Time since introduction best predicts global ranges of marine invaders. Scientific Reports, 2015, 5, 12436.	3.3	48
34	Predicting consequences of climate change for ecosystem functioning: variation across trophic levels, species and individuals. Diversity and Distributions, 2015, 21, 1364-1374.	4.1	15
35	Phenotypic and phylogenetic evidence for the role of food and habitat in the assembly of communities of marine amphipods. Ecology, 2014, 95, 775-786.	3.2	30
36	Mechanisms of biotic resistance across complex life cycles. Journal of Animal Ecology, 2014, 83, 296-305.	2.8	32

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37	Plantâ€“animal diversity relationships in a rocky intertidal system depend on invertebrate body size and algal cover. Ecology, 2014, 95, 1308-1322.	3.2	28
38	Multiple mutualist effects: conflict and synergy in multispecies mutualisms. Ecology, 2014, 95, 833-844.	3.2	91
39	Envisioning a Marine Biodiversity Observation Network. BioScience, 2013, 63, 350-361.	4.9	96
40	Phylogeny as a Proxy for Ecology in Seagrass Amphipods: Which Traits Are Most Conserved?. PLoS ONE, 2013, 8, e57550.	2.5	37
41	Genetic Relatedness Influences Plant Biomass Accumulation in Eelgrass (Zostera marina). American Naturalist, 2013, 181, 715-724.	2.1	38
42	Mimulus Stimpson, 1860, a junior synonym of Pugettia Dana, 1851 (Decapoda: Brachyura: Majoidea: Epialtidae) . Zootaxa, 2013, 3693, 358.	0.5	7
43	Seaweed richness and herbivory increase rate of community recovery from disturbance. Ecology, 2012, 93, 879-890.	3.2	24
44	Behavioral Types of Predator and Prey Jointly Determine Prey Survival: Potential Implications for the Maintenance of Within-Species Behavioral Variation. American Naturalist, 2012, 179, 217-227.	2.1	101
45	Global patterns in the impact of marine herbivores on benthic primary producers. Ecology Letters, 2012, 15, 912-922.	6.4	350
46	Seagrass genotypic diversity increases disturbance response via complementarity and dominance. Journal of Ecology, 2011, 99, 445-453.	4.0	40
47	Spatially stochastic settlement and the coexistence of benthic marine animals. Ecology, 2011, 92, 1094-1103.	3.2	19
48	Positive and negative effects of a dominant competitor on the settlement, growth, and survival of competing species in an epibenthic community. Journal of Experimental Marine Biology and Ecology, 2011, 399, 130-134.	1.5	22
49	Spatially stochastic settlement and the coexistence of benthic marine animals. Ecology, 2011, 92, 1094-1103.	3.2	10
50	Prey diversity is associated with weaker consumer effects in a metaâ€analysis of benthic marine experiments. Ecology Letters, 2010, 13, 194-201.	6.4	54
51	Size-related habitat shifts facilitated by positive preference induction in a marine kelp crab. Behavioral Ecology, 2010, 21, 329-336.	2.2	29
52	Multivariate trade-offs, succession, and phenological differentiation in a guild of colonial invertebrates. Ecology, 2010, 91, 3146-3152.	3.2	45
53	Ecological impacts of genotypic diversity in the clonal seagrassZostera marina. Ecology, 2009, 90, 1412-1419.	3.2	127
54	The effect of a tube-building phoronid on associated infaunal species diversity, composition and community structure. Journal of Experimental Marine Biology and Ecology, 2009, 381, 126-135.	1.5	5

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55	Morphological and physiological variation among seagrass (Zostera marina) genotypes. Oecologia, 2009, 159, 725-733.	2.0	79
56	Short and long term consequences of increases in exotic species richness on water filtration by marine invertebrates. Ecology Letters, 2009, 12, 830-841.	6.4	33
57	Ecological Factors Affecting Community Invasibility. Ecological Studies, 2009, , 215-238.	1.2	41
58	Managing for ocean biodiversity to sustain marine ecosystem services. Frontiers in Ecology and the Environment, 2009, 7, 204-211.	4.0	254
59	The consequences of consumer diversity loss: different answers from different experimental designs. Ecology, 2009, 90, 2879-2888.	3.2	70
60	Local-scale nutrient regeneration facilitates seaweed growth on wave-exposed rocky shores in an upwelling system. Limnology and Oceanography, 2009, 54, 309-317.	3.1	46
61	Alternative camouflage strategies mediate predation risk among closely related co-occurring kelp crabs. Oecologia, 2008, 155, 519-528.	2.0	63
62	DIVERSITY ENHANCES COVER AND STABILITY OF SEAWEED ASSEMBLAGES: THE ROLE OF HETEROGENEITY AND TIME. Ecology, 2008, 89, 3008-3019.	3.2	109
63	Complementarity in marine biodiversity manipulations: Reconciling divergent evidence from field and mesocosm experiments. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18842-18847.	7.1	84
64	Ecological and evolutionary insights from species invasions. Trends in Ecology and Evolution, 2007, 22, 465-471.	8.7	774
65	Understanding the Effects of Marine Biodiversity on Communities and Ecosystems. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 739-766.	8.3	349
66	WHOLE-COMMUNITY MUTUALISM: ASSOCIATED INVERTEBRATES FACILITATE A DOMINANT HABITAT-FORMING SEAWEED. Ecology, 2007, 88, 2211-2219.	3.2	57
67	Invasions and Extinctions Reshape Coastal Marine Food Webs. PLoS ONE, 2007, 2, e295.	2.5	179
68	Reciprocal relationships and potential feedbacks between biodiversity and disturbance. Ecology Letters, 2007, 10, 849-864.	6.4	183
69	TISSUE TYPE MATTERS: SELECTIVE HERBIVORY ON DIFFERENT LIFE HISTORY STAGES OF AN ISOMORPHIC ALGA. Ecology, 2006, 87, 2255-2263.	3.2	46
70	Impacts of Biodiversity Loss on Ocean Ecosystem Services. Science, 2006, 314, 787-790.	12.6	3,422
71	SEAWEED DIVERSITY ENHANCES NITROGEN UPTAKE VIA COMPLEMENTARY USE OF NITRATE AND AMMONIUM. Ecology, 2006, 87, 2397-2403.	3.2	133
72	Predator diversity strengthens trophic cascades in kelp forests by modifying herbivore behaviour. Ecology Letters, 2005, 9, 051109031307002.	6.4	167

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73	MULTIPLE MUTUALISTS PROVIDE COMPLEMENTARY BENEFITS TO THEIR SEAWEED HOST. Ecology, 2005, 86, 2418-2427.	3.2	69
74	Genetic diversity enhances the resistance of a seagrass ecosystem to disturbance. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8998-9002.	7.1	675
75	Inclusion of facilitation into ecological theory. Trends in Ecology and Evolution, 2003, 18, 119-125.	8.7	2,316
76	Nonlinear partial differential equations and applications: Linking climate change and biological invasions: Ocean warming facilitates nonindigenous species invasions. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15497-15500.	7.1	667
77	BIODIVERSITY, INVASION RESISTANCE, AND MARINE ECOSYSTEM FUNCTION: RECONCILING PATTERN AND PROCESS. Ecology, 2002, 83, 2575-2590.	3.2	465
78	BIODIVERSITY, INVASION RESISTANCE, AND MARINE ECOSYSTEM FUNCTION: RECONCILING PATTERN AND PROCESS. , 2002, 83, 2575.		2
79	Mutualism, Facilitation, and the Structure of Ecological Communities. BioScience, 2001, 51, 235.	4.9	841
80	MUTUALISM AND CORAL PERSISTENCE: THE ROLE OF HERBIVORE RESISTANCE TO ALGAL CHEMICAL DEFENSE. Ecology, 1999, 80, 2085-2101.	3.2	97
81	REDUCING PREDATION THROUGH CHEMICALLY MEDIATED CAMOUFLAGE: INDIRECT EFFECTS OF PLANT DEFENSES ON HERBIVORES. Ecology, 1999, 80, 495-509.	3.2	105
82	Facultative mutualism between an herbivorous crab and a coralline alga: advantages of eating noxious seaweeds. Oecologia, 1996, 105, 377-387.	2.0	108