

# Edwin D Grosholz

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

7,326  
citations

126708

33  
h-index

74018

75  
g-index

83  
all docs

83  
docs citations

83  
times ranked

7334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Balanced polymorphism fuels rapid selection in an invasive crab despite high gene flow and low genetic diversity. <i>Molecular Ecology</i> , 2022, 31, 55-69.	2.0	14
2	Biological invasions alter consumer–stress relationships along an estuarine gradient. <i>Ecology</i> , 2022, , e3695.	1.5	0
3	Mapping oysters on the Pacific coast of North America: A coast-wide collaboration to inform enhanced conservation. <i>PLoS ONE</i> , 2022, 17, e0263998.	1.1	4
4	Functional eradication as a framework for invasive species control. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 98-107.	1.9	92
5	Local and regional variation in effects of burrowing crabs on plant community structure. <i>Ecology</i> , 2021, 102, e03244.	1.5	10
6	Abiotic and biotic influences on the performance of two biological control agents, <i>Neochetina bruchi</i> and <i>N. eichhorniae</i> , in the Sacramento-San Joaquin River Delta, California (USA). <i>Biological Control</i> , 2021, 153, 104495.	1.4	3
7	Challenges for the management of the invasive blackberry ( <i>Rubus niveus</i> ) in the restoration of the <i>Scalesia</i> forest in the Galapagos Islands. <i>Invasive Plant Science and Management</i> , 2021, 14, 20-28.	0.5	4
8	Stage-specific overcompensation, the hydra effect, and the failure to eradicate an invasive predator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
9	Engaging the importance of community scientists in the management of an invasive marine pest. <i>California Agriculture</i> , 2021, 75, 40-45.	0.5	1
10	Conservation of Marine Foundation Species: Learning from Native Oyster Restoration from California to British Columbia. <i>Estuaries and Coasts</i> , 2021, 44, 1723-1743.	1.0	15
11	Conservation aquaculture as a tool for imperiled marine species: Evaluation of opportunities and risks for <i>Olympia</i> oysters, <i>Ostrea lurida</i> . <i>PLoS ONE</i> , 2021, 16, e0252810.	1.1	15
12	Assessing the risk of plant species invasion under different climate change scenarios in California. <i>Invasive Plant Science and Management</i> , 2021, 14, 172-182.	0.5	4
13	Scaling up experimental stress responses of grass invasion to predictions of continental-level range suitability. <i>Ecology</i> , 2021, 102, e03417.	1.5	5
14	Predicting burrowing crab impacts on salt marsh plants. <i>Ecosphere</i> , 2021, 12, e03803.	1.0	4
15	Effects of seasonal upwelling and runoff on water chemistry and growth and survival of native and commercial oysters. <i>Limnology and Oceanography</i> , 2020, 65, 224-235.	1.6	13
16	Varying reproductive success under ocean warming and acidification across giant kelp ( <i>Macrocystis</i> )	0.7	39
17	The unaddressed threat of invasive animals in U.S. National Parks. <i>Biological Invasions</i> , 2020, 22, 177-188.	1.2	13
18	Time-lagged impacts of extreme, multi-year drought on tidal salt marsh plant invasion. <i>Ecosphere</i> , 2020, 11, e03155.	1.0	6

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19	Nutrients mitigate the impacts of extreme drought on plant invasions. <i>Ecology</i> , 2020, 101, e02980.	1.5	24
20	Habitats and fish communities at mesophotic depths in the Mexican Pacific. <i>Journal of Biogeography</i> , 2020, 47, 1552-1563.	1.4	5
21	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019, 100, e02863.	1.5	39
22	Predator foraging mode controls the effect of antipredator behavior in a tritrophic model. <i>Theoretical Ecology</i> , 2019, 12, 531-544.	0.4	4
23	Into the weeds: Matching importation history to genetic consequences and pathways in two widely used biological control agents. <i>Evolutionary Applications</i> , 2019, 12, 773-790.	1.5	18
24	The dynamics of open populations: integration of top-down, bottom-up and supply-side influences on intertidal oysters. <i>Oikos</i> , 2019, 128, 584-595.	1.2	9
25	New sources for the emergence of new invaders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2270-2271.	3.3	3
26	Temperature-induced range expansion of a subtropical crab along the California coast. <i>Marine Ecology</i> , 2018, 39, e12528.	0.4	8
27	Ghost of invasion past: legacy effects on community disassembly following eradication of an invasive ecosystem engineer. <i>Ecosphere</i> , 2017, 8, e01711.	1.0	25
28	Timing of stressors alters interactive effects on a coastal foundation species. <i>Ecology</i> , 2017, 98, 2468-2478.	1.5	18
29	Trophic sensitivity of invasive predator and native prey interactions: integrating environmental context and climate change. <i>Functional Ecology</i> , 2017, 31, 642-652.	1.7	37
30	San Francisco Bay Living Shorelines. , 2017, , 333-362.		6
31	Environmental stress mediates trophic cascade strength and resistance to invasion. <i>Ecosphere</i> , 2016, 7, e01247.	1.0	27
32	Evolutionary Novelty and the Behaviour of Introduced Predators. , 2016, , 199-218.		4
33	Coastwide recruitment dynamics of <i>Olympia</i> oysters reveal limited synchrony and multiple predictors of failure. <i>Ecology</i> , 2016, 97, 3503-3516.	1.5	28
34	Global threats from invasive alien species in the twenty-first century and national response capacities. <i>Nature Communications</i> , 2016, 7, 12485.	5.8	808
35	Guidelines for evaluating performance of oyster habitat restoration. <i>Restoration Ecology</i> , 2015, 23, 737-745.	1.4	125
36	Testing local and global stressor impacts on a coastal foundation species using an ecologically realistic framework. <i>Global Change Biology</i> , 2015, 21, 2488-2499.	4.2	54

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37	Aquaculture as a vector for marine invasions in California. <i>Biological Invasions</i> , 2015, 17, 1471-1484.	1.2	33
38	Thermogeographic variation in body size of <i>Carcinus maenas</i> , the European green crab. <i>Marine Biology</i> , 2015, 162, 1625-1635.	0.7	18
39	Overgrowth of eelgrass by the invasive colonial tunicate <i>Didemnum vexillum</i> : Consequences for tunicate and eelgrass growth and epifauna abundance. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 188-194.	0.7	8
40	A vector analysis of marine ornamental species in California. <i>Management of Biological Invasions</i> , 2015, 6, 13-29.	0.5	5
41	Optimal approaches for balancing invasive species eradication and endangered species management. <i>Science</i> , 2014, 344, 1028-1031.	6.0	92
42	Poised to prosper? A cross-system comparison of climate change effects on native and non-native species performance. <i>Ecology Letters</i> , 2013, 16, 261-270.	3.0	256
43	Biotic resistance in marine environments. <i>Ecology Letters</i> , 2013, 16, 821-833.	3.0	110
44	Will extreme climatic events facilitate biological invasions?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 249-257.	1.9	402
45	Experimental Test of the Effects of a Non-Native Invasive Species on a Wintering Shorebird. <i>Conservation Biology</i> , 2012, 26, 472-481.	2.4	6
46	Global change, global trade, and the next wave of plant invasions. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 20-28.	1.9	195
47	Modeling the impacts of the European green crab on commercial shellfisheries. , 2011, 21, 915-924.		22
48	Multiple and long-term effects of an introduced predatory crab. <i>Marine Ecology - Progress Series</i> , 2011, 429, 145-155.	0.9	16
49	Avoidance by grazers facilitates spread of an invasive hybrid plant. <i>Ecology Letters</i> , 2010, 13, 145-153.	3.0	24
50	Invasive species cause large-scale loss of native California oyster habitat by disrupting trophic cascades. <i>Oecologia</i> , 2009, 160, 563-575.	0.9	83
51	Tackling aquatic invasions: risks and opportunities for the aquarium fish industry. <i>Biological Invasions</i> , 2009, 11, 773-785.	1.2	67
52	Does invasion of hybrid cordgrass change estuarine food webs?. <i>Biological Invasions</i> , 2009, 11, 917-926.	1.2	22
53	Multitrophic Effects of Invasions in Marine and Estuarine Systems. <i>Ecological Studies</i> , 2009, , 305-324.	0.4	15
54	The Invasive Species Challenge in Estuarine and Coastal Environments: Marrying Management and Science. <i>Estuaries and Coasts</i> , 2008, 31, 3-20.	1.0	179

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55	NITROGEN INPUTS PROMOTE THE SPREAD OF AN INVASIVE MARSH GRASS. <i>Ecological Applications</i> , 2007, 17, 1886-1898.	1.8	192
56	THE INTRODUCED SABELLID POLYCHAETE TEREBRASABELLA HETEROUNCINATA IN CALIFORNIA: TRANSMISSION, METHODS OF CONTROL AND SURVEY FOR PRESENCE IN NATIVE GASTROPOD POPULATIONS. <i>Journal of Shellfish Research</i> , 2007, 26, 869-876.	0.3	11
57	Effect of native and invasive cordgrass on <i>Macoma petalum</i> density, growth, and isotopic signatures. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 71, 517-522.	0.9	19
58	Influence of invasive <i>Spartina</i> growth stages on associated macrofaunal communities. <i>Biological Invasions</i> , 2007, 9, 975-993.	1.2	63
59	DISTURBANCE INFLUENCES OYSTER COMMUNITY RICHNESS AND EVENNESS, BUT NOT DIVERSITY. <i>Ecology</i> , 2006, 87, 2378-2388.	1.5	72
60	MECHANISMS GENERATING MODIFICATION OF BENTHOS FOLLOWING TIDAL FLAT INVASION BY A SPARTINA HYBRID. , 2006, 16, 1391-1404.		125
61	Native and Introduced Ecosystem Engineers Produce Contrasting Effects on Estuarine Infaunal Communities. <i>Biological Invasions</i> , 2006, 8, 683-695.	1.2	59
62	The influence of flood cycle and fish predation on invertebrate production on a restored California floodplain. <i>Hydrobiologia</i> , 2006, 568, 91-109.	1.0	55
63	INVASIVE CORDGRASS MODIFIES WETLAND TROPHIC FUNCTION. <i>Ecology</i> , 2006, 87, 419-432.	1.5	211
64	Spatial and temporal movement of the lined shore crab <i>Pachygrapsus crassipes</i> in salt marshes and its utility as an indicator of habitat condition. <i>Marine Ecology - Progress Series</i> , 2006, 314, 271-281.	0.9	17
65	Recent biological invasion may hasten invasional meltdown by accelerating historical introductions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1088-1091.	3.3	197
66	Benthic macrofaunal communities of three sites in San Francisco Bay invaded by hybrid <i>Spartina</i> , with comparison to uninvaded habitats. <i>Marine Ecology - Progress Series</i> , 2005, 292, 111-126.	0.9	127
67	Biological invasions drive size increases in marine and estuarine invertebrates. <i>Ecology Letters</i> , 2003, 6, 700-705.	3.0	89
68	Ecological and evolutionary consequences of coastal invasions. <i>Trends in Ecology and Evolution</i> , 2002, 17, 22-27.	4.2	563
69	Preliminary reports from the <i>Caulerpa taxifolia</i> invasion in southern California. <i>Marine Ecology - Progress Series</i> , 2002, 233, 307-310.	0.9	48
70	Small spatial-scale differentiation among populations of an introduced colonial invertebrate. <i>Oecologia</i> , 2001, 129, 58-64.	0.9	23
71	THE IMPACTS OF A NONINDIGENOUS MARINE PREDATOR IN A CALIFORNIA BAY. <i>Ecology</i> , 2000, 81, 1206-1224.	1.5	321
72	Non-indigenous species as stressors in estuarine and marine communities: Assessing invasion impacts and interactions. <i>Limnology and Oceanography</i> , 1999, 44, 950-972.	1.6	354

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73	Potential ecological implications from the introduction of the European green crab, <i>Carcinus maenas</i> (Linnaeus), to British Columbia, Canada, and Washington, USA. <i>Journal of Natural History</i> , 1998, 32, 1587-1598.	0.2	58
74	Global Invasions of Marine and Estuarine Habitats by Non-Indigenous Species: Mechanisms, Extent, and Consequences. <i>American Zoologist</i> , 1997, 37, 621-632.	0.7	831
75	Predicting the impact of introduced marine species: Lessons from the multiple invasions of the European green crab <i>Carcinus maenas</i> . <i>Biological Conservation</i> , 1996, 78, 59-66.	1.9	257
76	Ecology of Infectious Diseases in Natural Populations.. <i>Ecology</i> , 1996, 77, 2577.	1.5	0
77	Contrasting Rates of Spread for Introduced Species in Terrestrial and Marine Systems. <i>Ecology</i> , 1996, 77, 1680-1686.	1.5	149
78	Does spatial heterogeneity and genetic variation in populations of the xanthid crab <i>Rhithropanopeus harrisi</i> (Gould) influence the prevalence of an introduced parasitic castrator?. <i>Journal of Experimental Marine Biology and Ecology</i> , 1995, 187, 129-145.	0.7	19
79	The influence of habitat heterogeneity on host-pathogen population dynamics. <i>Oecologia</i> , 1993, 96, 347-353.	0.9	28
80	Interactions of Intraspecific, Interspecific, and Apparent Competition with Host-Pathogen Population Dynamics. <i>Ecology</i> , 1992, 73, 507-514.	1.5	76
81	Population dynamics of the ribbed mussel, <i>Geukensia demissa</i> : The costs and benefits of an aggregated distribution. <i>Oecologia</i> , 1985, 67, 192-204.	0.9	297
82	THE IMPACTS OF A NONINDIGENOUS MARINE PREDATOR IN A CALIFORNIA BAY. , 0, .		2