Edwin D Grosholz

List of Publications by Year
in descending order

82	7,326	126858	74108
papers	citations	33 h-index	75 g-index

83	83	83	7334
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Invasions of Marine and Estuarine Habitats by Non-Indigenous Species: Mechanisms, Extent, and Consequences. American Zoologist, 1997, 37, 621-632.	0.7	831
2	Global threats from invasive alien species in the twenty-first century and national response capacities. Nature Communications, 2016, 7, 12485.	5.8	808
3	Ecological and evolutionary consequences of coastal invasions. Trends in Ecology and Evolution, 2002, 17, 22-27.	4.2	563
4	Will extreme climatic events facilitate biological invasions?. Frontiers in Ecology and the Environment, 2012, 10, 249-257.	1.9	402
5	Nonâ€indigenous species as stressors in estuarine and marine communities: Assessing invasion impacts and interactions. Limnology and Oceanography, 1999, 44, 950-972.	1.6	354
6	THE IMPACTS OF A NONINDIGENOUS MARINE PREDATOR IN A CALIFORNIA BAY. Ecology, 2000, 81, 1206-1224.	1.5	321
7	Population dynamics of the ribbed mussel, Geukensia demissa: The costs and benefits of an aggregated distribution. Oecologia, 1985, 67, 192-204.	0.9	297
8	Predicting the impact of introduced marine species: Lessons from the multiple invasions of the European green crab Carcinus maenas. Biological Conservation, 1996, 78, 59-66.	1.9	257
9	Poised to prosper? A crossâ€system comparison of climate change effects on native and nonâ€native species performance. Ecology Letters, 2013, 16, 261-270.	3.0	256
10	INVASIVE CORDGRASS MODIFIES WETLAND TROPHIC FUNCTION. Ecology, 2006, 87, 419-432.	1.5	211
11	Recent biological invasion may hasten invasional meltdown by accelerating historical introductions. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1088-1091.	3.3	197
12	Global change, global trade, and the next wave of plant invasions. Frontiers in Ecology and the Environment, 2012, 10, 20-28.	1.9	195
13	NITROGEN INPUTS PROMOTE THE SPREAD OF AN INVASIVE MARSH GRASS. Ecological Applications, 2007, 17, 1886-1898.	1.8	192
14	The Invasive Species Challenge in Estuarine and Coastal Environments: Marrying Management and Science. Estuaries and Coasts, 2008, 31, 3-20.	1.0	179
15	Contrasting Rates of Spread for Introduced Species in Terrestrial and Marine Systems. Ecology, 1996, 77, 1680-1686.	1.5	149
16	Benthic macrofaunal communities of three sites in San Francisco Bay invaded by hybrid Spartina, with comparison to uninvaded habitats. Marine Ecology - Progress Series, 2005, 292, 111-126.	0.9	127
17	MECHANISMS GENERATING MODIFICATION OF BENTHOS FOLLOWING TIDAL FLAT INVASION BY A SPARTINA HYBRID. , 2006, 16, 1391-1404.		125
18	Guidelines for evaluating performance of oyster habitat restoration. Restoration Ecology, 2015, 23, 737-745.	1.4	125

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19	Biotic resistance in marine environments. Ecology Letters, 2013, 16, 821-833.	3.0	110
20	Optimal approaches for balancing invasive species eradication and endangered species management. Science, 2014, 344, 1028-1031.	6.0	92
21	Functional eradication as a framework for invasive species control. Frontiers in Ecology and the Environment, 2021, 19, 98-107.	1.9	92
22	Biological invasions drive size increases in marine and estuarine invertebrates. Ecology Letters, 2003, 6, 700-705.	3.0	89
23	Invasive species cause large-scale loss of native California oyster habitat by disrupting trophic cascades. Oecologia, 2009, 160, 563-575.	0.9	83
24	Interactions of Intraspecific, Interspecific, and Apparent Competition with Host-Pathogen Population Dynamics. Ecology, 1992, 73, 507-514.	1.5	76
25	DISTURBANCE INFLUENCES OYSTER COMMUNITY RICHNESS AND EVENNESS, BUT NOT DIVERSITY. Ecology, 2006, 87, 2378-2388.	1.5	72
26	Tackling aquatic invasions: risks and opportunities for the aquarium fish industry. Biological Invasions, 2009, 11, 773-785.	1.2	67
27	Influence of invasive Spartina growth stages on associated macrofaunal communities. Biological Invasions, 2007, 9, 975-993.	1.2	63
28	Native and Introduced Ecosystem Engineers Produce Contrasting Effects on Estuarine Infaunal Communities. Biological Invasions, 2006, 8, 683-695.	1.2	59
29	Potential ecological implications from the introduction of the European green crab,Carcinus maenas(Linneaus), to British Columbia, Canada, and Washington, USA. Journal of Natural History, 1998, 32, 1587-1598.	0.2	58
30	The influence of flood cycle and fish predation on invertebrate production on a restored California floodplain. Hydrobiologia, 2006, 568, 91-109.	1.0	55
31	Testing local and global stressor impacts on a coastal foundation species using an ecologically realistic framework. Global Change Biology, 2015, 21, 2488-2499.	4.2	54
32	Preliminary reports from the Caulerpa taxifolia invasion in southern California. Marine Ecology - Progress Series, 2002, 233, 307-310.	0.9	48
33	Supporting Spartina: Interdisciplinary perspective shows Spartina as a distinct solid genus. Ecology, 2019, 100, e02863.	1.5	39
34	Varying reproductive success under ocean warming and acidification across giant kelp (Macrocystis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	39
35	Trophic sensitivity of invasive predator and native prey interactions: integrating environmental context and climate change. Functional Ecology, 2017, 31, 642-652.	1.7	37
36	Aquaculture as a vector for marine invasions in California. Biological Invasions, 2015, 17, 1471-1484.	1.2	33

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37	The influence of habitat heterogeneity on host-pathogen population dynamics. Oecologia, 1993, 96, 347-353.	0.9	28
38	Coastâ€wide recruitment dynamics of Olympia oysters reveal limited synchrony and multiple predictors of failure. Ecology, 2016, 97, 3503-3516.	1.5	28
39	Environmental stress mediates trophic cascade strength and resistance to invasion. Ecosphere, 2016, 7, e01247.	1.0	27
40	Stage-specific overcompensation, the hydra effect, and the failure to eradicate an invasive predator. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
41	Ghost of invasion past: legacy effects on community disassembly following eradication of an invasive ecosystem engineer. Ecosphere, 2017, 8, e01711.	1.0	25
42	Avoidance by grazers facilitates spread of an invasive hybrid plant. Ecology Letters, 2010, 13, 145-153.	3.0	24
43	Nutrients mitigate the impacts of extreme drought on plant invasions. Ecology, 2020, 101, e02980.	1.5	24
44	Small spatial-scale differentiation among populations of an introduced colonial invertebrate. Oecologia, 2001, 129, 58-64.	0.9	23
45	Does invasion of hybrid cordgrass change estuarine food webs?. Biological Invasions, 2009, 11, 917-926.	1.2	22
46	Modeling the impacts of the European green crab on commercial shellfisheries. , 2011, 21, 915-924.		22
47	Does spatial heterogeneity and genetic variation in populations of the xanthid crab Rhithropanopeus harrisii (Gould) influence the prevalence of an introduced parasitic castrator?. Journal of Experimental Marine Biology and Ecology, 1995, 187, 129-145.	0.7	19
48	Effect of native and invasive cordgrass on Macoma petalum density, growth, and isotopic signatures. Estuarine, Coastal and Shelf Science, 2007, 71, 517-522.	0.9	19
49	Thermogeographic variation in body size of Carcinus maenas, the European green crab. Marine Biology, 2015, 162, 1625-1635.	0.7	18
50	Timing of stressors alters interactive effects on a coastal foundation species. Ecology, 2017, 98, 2468-2478.	1.5	18
51	Into the weeds: Matching importation history to genetic consequences and pathways in two widely used biological control agents. Evolutionary Applications, 2019, 12, 773-790.	1.5	18
52	Spatial and temporal movement of the lined shore crab Pachygrapsus crassipes in salt marshes and its utility as an indicator of habitat condition. Marine Ecology - Progress Series, 2006, 314, 271-281.	0.9	17
53	Multiple and long-term effects of an introduced predatory crab. Marine Ecology - Progress Series, 2011, 429, 145-155.	0.9	16
54	Multitrophic Effects of Invasions in Marine and Estuarine Systems. Ecological Studies, 2009, , 305-324.	0.4	15

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55	Conservation of Marine Foundation Species: Learning from Native Oyster Restoration from California to British Columbia. Estuaries and Coasts, 2021, 44, 1723-1743.	1.0	15
56	Conservation aquaculture as a tool for imperiled marine species: Evaluation of opportunities and risks for Olympia oysters, Ostrea lurida. PLoS ONE, 2021, 16, e0252810.	1.1	15
57	Balanced polymorphism fuels rapid selection in an invasive crab despite high gene flow and low genetic diversity. Molecular Ecology, 2022, 31, 55-69.	2.0	14
58	Effects of seasonal upwelling and runoff on water chemistry and growth and survival of native and commercial oysters. Limnology and Oceanography, 2020, 65, 224-235.	1.6	13
59	The unaddressed threat of invasive animals in U.S. National Parks. Biological Invasions, 2020, 22, 177-188.	1.2	13
60	THE INTRODUCED SABELLID POLYCHAETE TEREBRASABELLA HETEROUNCINATA IN CALIFORNIA: TRANSMISSION, METHODS OF CONTROL AND SURVEY FOR PRESENCE IN NATIVE GASTROPOD POPULATIONS. Journal of Shellfish Research, 2007, 26, 869-876.	0.3	11
61	Local and regional variation in effects of burrowing crabs on plant community structure. Ecology, 2021, 102, e03244.	1.5	10
62	The dynamics of open populations: integration of topâ€“down, bottomâ€“up and supplyâ€“side influences on intertidal oysters. Oikos, 2019, 128, 584-595.	1.2	9
63	Overgrowth of eelgrass by the invasive colonial tunicate Didemnum vexillum : Consequences for tunicate and eelgrass growth and epifauna abundance. Journal of Experimental Marine Biology and Ecology, 2015, 473, 188-194.	0.7	8
64	Temperatureâ€induced range expansion of a subtropical crab along the California coast. Marine Ecology, 2018, 39, e12528.	0.4	8
65	Experimental Test of the Effects of a Nonâ€Native Invasive Species on a Wintering Shorebird. Conservation Biology, 2012, 26, 472-481.	2.4	6
66	Timeâ€lagged impacts of extreme, multiâ€year drought on tidal salt marsh plant invasion. Ecosphere, 2020, 11, e03155.	1.0	6
67	San Francisco Bay Living Shorelines. , 2017, , 333-362.		6
68	Habitats and fish communities at mesophotic depths in the Mexican Pacific. Journal of Biogeography, 2020, 47, 1552-1563.	1.4	5
69	Scaling up experimental stress responses of grass invasion to predictions of continentalâ€level range suitability. Ecology, 2021, 102, e03417.	1.5	5
70	A vector analysis of marine ornamental species in California. Management of Biological Invasions, 2015, 6, 13-29.	0.5	5
71	Evolutionary Novelty and the Behaviour of Introduced Predators. , 2016, , 199-218.		4
72	Predator foraging mode controls the effect of antipredator behavior in a tritrophic model. Theoretical Ecology, 2019, 12, 531-544.	0.4	4

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73	Challenges for the management of the invasive blackberry (Rubus niveus) in the restoration of the Scalesia forest in the Galapagos Islands. Invasive Plant Science and Management, 2021, 14, 20-28.	0.5	4
74	Assessing the risk of plant species invasion under different climate change scenarios in California. Invasive Plant Science and Management, 2021, 14, 172-182.	0.5	4
75	Predicting burrowing crab impacts on salt marsh plants. Ecosphere, 2021, 12, e03803.	1.0	4
76	Mapping oysters on the Pacific coast of North America: A coast-wide collaboration to inform enhanced conservation. PLoS ONE, 2022, 17, e0263998.	1.1	4
77	New sources for the emergence of new invaders. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2270-2271.	3.3	3
78	Abiotic and biotic influences on the performance of two biological control agents, Neochetina bruchi and N. eichhorniae, in the Sacramento-San Joaquin River Delta, California (USA). Biological Control, 2021, 153, 104495.	1.4	3
79	THE IMPACTS OF A NONINDIGENOUS MARINE PREDATOR IN A CALIFORNIA BAY. , 0, .		2
80	Engaging the importance of community scientists in the management of an invasive marine pest. California Agriculture, 2021, 75, 40-45.	0.5	1
81	Ecology of Infectious Diseases in Natural Populations.. Ecology, 1996, 77, 2577.	1.5	0
82	Biological invasions alter consumerâ€“stress relationships along an estuarine gradient. Ecology, 2022, , e3695.	1.5	0