

Stuart Jenkins

List of Publications by Year in descending order

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123
papers

5,166
citations

81900

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102487

66
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123
all docs

123
docs citations

123
times ranked

4737
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of climate-driven biodiversity changes for ecosystem functioning of North European rocky shores. <i>Marine Ecology - Progress Series</i> , 2009, 396, 245-259.	1.9	221
2	Complex interactions in a rapidly changing world: responses of rocky shore communities to recent climate change. <i>Climate Research</i> , 2008, 37, 123-133.	1.1	220
3	A continental scale evaluation of the role of limpet grazing on rocky shores. <i>Oecologia</i> , 2006, 147, 556-564.	2.0	214
4	THE INVASIBILITY OF MARINE ALGAL ASSEMBLAGES: ROLE OF FUNCTIONAL DIVERSITY AND IDENTITY. <i>Ecology</i> , 2006, 87, 2851-2861.	3.2	145
5	The science of European marine reserves: Status, efficacy, and future needs. <i>Marine Policy</i> , 2012, 36, 1012-1021.	3.2	145
6	Direct and indirect effects of a macroalgal canopy and limpet grazing in structuring a sheltered inter-tidal community. <i>Marine Ecology - Progress Series</i> , 1999, 188, 81-92.	1.9	127
7	Spatial and temporal variation in settlement and recruitment of the intertidal barnacle <i>Semibalanus balanoides</i> (L.) (Crustacea: Cirripedia) over a European scale. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 243, 209-225.	1.5	126
8	PREDATOR DIVERSITY AND ECOSYSTEM FUNCTIONING: DENSITY MODIFIES THE EFFECT OF RESOURCE PARTITIONING. <i>Ecology</i> , 2008, 89, 298-305.	3.2	124
9	Regional scale differences in the determinism of grazing effects in the rocky intertidal. <i>Marine Ecology - Progress Series</i> , 2005, 287, 77-86.	1.9	123
10	Non-native marine invertebrates are more tolerant towards environmental stress than taxonomically related native species: Results from a globally replicated study. <i>Environmental Research</i> , 2011, 111, 943-952.	7.5	118
11	Evaluating the relative conservation value of fully and partially protected marine areas. <i>Fish and Fisheries</i> , 2015, 16, 58-77.	5.3	118
12	Larval habitat selection, not larval supply, determines settlement patterns and adult distribution in two chthamalid barnacles. <i>Journal of Animal Ecology</i> , 2005, 74, 893-904.	2.8	106
13	Evaluating the biological effectiveness of fully and partially protected marine areas. <i>Environmental Evidence</i> , 2013, 2, 4.	2.7	103
14	Enhancing stocks of the exploited limpet <i>Patella candei</i> d'Orbigny via modifications in coastal engineering. <i>Biological Conservation</i> , 2010, 143, 203-211.	4.1	101
15	European-scale analysis of seasonal variability in limpet grazing activity and microalgal abundance. <i>Marine Ecology - Progress Series</i> , 2001, 211, 193-203.	1.9	101
16	Functional diversity predicts overyielding effect of species combination on primary productivity. <i>Oikos</i> , 2009, 118, 37-44.	2.7	96
17	Spatial heterogeneity increases the importance of species richness for an ecosystem process. <i>Oikos</i> , 2009, 118, 1335-1342.	2.7	93
18	Harnessing positive species interactions as a tool against climate-driven loss of coastal biodiversity. <i>PLoS Biology</i> , 2018, 16, e2006852.	5.6	91

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19	Settlement and post-settlement interactions between <i>Semibalanus balanoides</i> (L.) (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Ecology, 1999, 236, 49-67.	1.5	90
20	Physical and biological controls on larval dispersal and connectivity in a highly energetic shelf sea. <i>Limnology and Oceanography</i> , 2013, 58, 505-524.	3.1	88
21	Night-time lighting alters the composition of marine epifaunal communities. <i>Biology Letters</i> , 2015, 11, 20150080.	2.3	88
22	Long term effects of <i>Ascophyllum nodosum</i> canopy removal on mid shore community structure. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 327-329.	0.8	87
23	Food supply, grazing activity and growth rate in the limpet <i>Patella vulgata</i> L.: a comparison between exposed and sheltered shores. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 258, 123-139.	1.5	85
24	COMPARATIVE ECOLOGY OF NORTH ATLANTIC SHORES: DO DIFFERENCES IN PLAYERS MATTER FOR PROCESS?. <i>Ecology</i> , 2008, 89, S3-23.	3.2	76
25	Biodiversity and the stability of ecosystem functioning. , 2009, , 78-93.		67
26	Linking temperate demersal fish species to habitat: scales, patterns and future directions. <i>Fish and Fisheries</i> , 2013, 14, 256-280.	5.3	63
27	Community structure and functioning in intertidal rock pools: effects of pool size and shore height at different successional stages. <i>Marine Ecology - Progress Series</i> , 2007, 329, 43-55.	1.9	63
28	Interaction between a fucoid canopy and limpet grazing in structuring a low shore intertidal community. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 233, 41-63.	1.5	53
29	Temporal changes in the strength of density-dependent mortality and growth in intertidal barnacles. <i>Journal of Animal Ecology</i> , 2008, 77, 573-584.	2.8	53
30	Temporal stability of European rocky shore assemblages: variation across a latitudinal gradient and the role of habitat-formers. <i>Oikos</i> , 2012, 121, 1801-1809.	2.7	53
31	Data rescue and re-use: Recycling old information to address new policy concerns. <i>Marine Policy</i> , 2013, 42, 91-98.	3.2	48
32	Physiological response of fucoid algae to environmental stress: comparing range centre and southern populations. <i>New Phytologist</i> , 2014, 202, 1157-1172.	7.3	46
33	Impact of scallop dredging on benthic megafauna: a comparison of damage levels in captured and non-captured organisms. <i>Marine Ecology - Progress Series</i> , 2001, 215, 297-301.	1.9	46
34	Large-Scale Variation in Combined Impacts of Canopy Loss and Disturbance on Community Structure and Ecosystem Functioning. <i>PLoS ONE</i> , 2013, 8, e66238.	2.5	45
35	Predator and scavenger aggregation to discarded by-catch from dredge fisheries: importance of damage level. <i>Journal of Sea Research</i> , 2004, 51, 69-76.	1.6	43
36	Benthic community response to a scallop dredging closure within a dynamic seabed habitat. <i>Marine Ecology - Progress Series</i> , 2013, 480, 83-98.	1.9	42

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37	Differences in photosynthetic marine biofilms between sheltered and moderately exposed rocky shores. <i>Marine Ecology - Progress Series</i> , 2005, 296, 53-63.	1.9	42
38	Illegal harvesting affects the success of fishing closure areas. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 929-937.	0.8	41
39	Rocky intertidal community structure in oceanic islands: scales of spatial variability. <i>Marine Ecology - Progress Series</i> , 2008, 356, 15-24.	1.9	41
40	The effect of dredge capture on the escape response of the great scallop, <i>Pecten maximus</i> (L.): implications for the survival of undersized discards. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 266, 33-50.	1.5	40
41	Exploitation of rocky intertidal grazers: population status and potential impacts on community structure and functioning. <i>Aquatic Biology</i> , 2008, 3, 1-10.	1.4	40
42	Barnacle larval supply to sheltered rocky shores: a limiting factor?. <i>Hydrobiologia</i> , 2003, 503, 143-151.	2.0	38
43	Population resistance to climate change: modelling the effects of low recruitment in open populations. <i>Oecologia</i> , 2005, 142, 117-126.	2.0	38
44	Assessment of a field incubation method estimating primary productivity in rockpool communities. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 88, 153-159.	2.1	38
45	Spatial variation in size and density of adult and post-settlement <i>Semibalanus balanoides</i> : effects of oceanographic and local conditions. <i>Marine Ecology - Progress Series</i> , 2010, 398, 207-219.	1.9	38
46	Small-scale disturbance in a stable canopy dominated community: implications for macroalgal recruitment and growth. <i>Marine Ecology - Progress Series</i> , 2005, 305, 31-40.	1.9	37
47	Grazing dynamics in intertidal rockpools: Connectivity of microhabitats. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 370, 9-17.	1.5	36
48	Population dynamics of the intertidal barnacle <i>Semibalanus balanoides</i> at three European locations: spatial scales of variability. <i>Marine Ecology - Progress Series</i> , 2001, 217, 207-217.	1.9	36
49	Interactions between canopy forming algae in the eulittoral zone of sheltered rocky shores on the Isle of Man. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1999, 79, 341-349.	0.8	35
50	Exploitation of intertidal grazers as a driver of community divergence. <i>Journal of Applied Ecology</i> , 2010, 47, 1282-1289.	4.0	35
51	Mapping the consequences of artificial light at night for intertidal ecosystems. <i>Science of the Total Environment</i> , 2019, 691, 760-768.	8.0	35
52	Interaction of top down and bottom up factors in intertidal rockpools: Effects on early successional macroalgal community composition, abundance and productivity. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 363, 12-20.	1.5	33
53	Effects of bottom trawling on fish foraging and feeding. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142336.	2.6	33
54	Consumer effects on ecosystem functioning in rock pools: roles of species richness and composition. <i>Marine Ecology - Progress Series</i> , 2010, 420, 45-56.	1.9	33

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55	Temporal differences across a bio-geographical boundary reveal slow response of sub-littoral benthos to climate change. <i>Marine Ecology - Progress Series</i> , 2011, 423, 69-82.	1.9	33
56	Current Patterns of Macroalgal Diversity and Biomass in Northern Hemisphere Rocky Shores. <i>PLoS ONE</i> , 2010, 5, e13195.	2.5	32
57	Stress resistance in two colonial ascidians from the Irish Sea: The recent invader <i>Didemnum vexillum</i> is more tolerant to low salinity than the cosmopolitan <i>Diplosoma listerianum</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 409, 48-52.	1.5	32
58	The invasive gastropod <i>Crepidula fornicata</i> : reproduction and recruitment in the intertidal at its northernmost range in Wales, UK, and implications for its secondary spread. <i>Marine Biology</i> , 2012, 159, 2091-2103.	1.5	31
59	Effects of dredging on undersized scallops. <i>Fisheries Research</i> , 2002, 56, 155-165.	1.7	30
60	First records in Great Britain of the invasive colonial ascidian <i>Didemnum vexillum</i> Kott, 2002. <i>Aquatic Invasions</i> , 2009, 4, 581-590.	1.6	30
61	Capacity, capability and cross-border challenges associated with marine eradication programmes in Europe: The attempted eradication of an invasive non-native ascidian, <i>Didemnum vexillum</i> in Wales, United Kingdom. <i>Marine Policy</i> , 2014, 48, 51-58.	3.2	27
62	Effects of Fishing and Regional Species Pool on the Functional Diversity of Fish Communities. <i>PLoS ONE</i> , 2012, 7, e44297.	2.5	26
63	Recreational vessels as a vector for marine non-natives: developing biosecurity measures and managing risk through an in-water encapsulation system. <i>Hydrobiologia</i> , 2015, 750, 187-199.	2.0	26
64	Long-term modifications of coastal defences enhance marine biodiversity. <i>Environmental Conservation</i> , 2016, 43, 109-116.	1.3	26
65	Shading impacts by coastal infrastructure on biological communities from subtropical rocky shores. <i>Journal of Applied Ecology</i> , 2017, 54, 826-835.	4.0	25
66	Dominance, Biomass and Extinction Resistance Determine the Consequences of Biodiversity Loss for Multiple Coastal Ecosystem Processes. <i>PLoS ONE</i> , 2011, 6, e28362.	2.5	25
67	Seasonal swimming behaviour in the queen scallop (<i>Aequipecten opercularis</i>) and its effect on dredge fisheries. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 289, 163-179.	1.5	23
68	Comparing quality of estuarine and nearshore intertidal habitats for <i>Carcinus maenas</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2009, 83, 219-226.	2.1	23
69	Aggregated prey and predation rates: Juvenile shore crabs (<i>Carcinus maenas</i>) foraging on post-larval cockles (<i>Cerastoderma edule</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 432-433, 29-36.	1.5	22
70	Rocky shores as tractable test systems for experimental ecology. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 1017-1041.	0.8	22
71	The effects of repeated dredging and speed of tow on undersized scallops. <i>Fisheries Research</i> , 2002, 58, 367-377.	1.7	21
72	Settlement and Recruitment. <i>Ecological Studies</i> , 2009, , 177-190.	1.2	21

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73	Persistent and context-dependent effects of the larval feeding environment on post-metamorphic performance through the adult stage. <i>Marine Ecology - Progress Series</i> , 2016, 545, 147-160.	1.9	21
74	Marine artificial light at night: An empirical and technical guide. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1588-1601.	5.2	20
75	Investigation of benthic community change over a century-wide scale in the western English Channel. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 1161-1172.	0.8	19
76	Models of open populations with space-limited recruitment in stochastic environments: relative importance of recruitment and survival in populations of <i>Semibalanus balanoides</i> . <i>Marine Ecology - Progress Series</i> , 2004, 275, 185-197.	1.9	19
77	A method for recording predator-prey encounters between crabs and limpets using wax replicas. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 633-638.	0.8	18
78	Disturbance alters ecosystem engineering by a canopy-forming alga. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 687-698.	0.8	18
79	The Intertidal Zone of the North-East Atlantic Region. , 2019, , 7-46.		18
80	Doses of darkness control latitudinal differences in breeding date in the barnacle <i>Semibalanus balanoides</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 59-63.	0.8	17
81	Effect of prey abundance and size on the distribution of demersal fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 191-200.	1.4	17
82	The importance of larval supply, larval habitat selection and post-settlement mortality in determining intertidal adult abundance of the invasive gastropod <i>Crepidula fornicata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 440, 132-140.	1.5	17
83	Larval microhabitat associations of the non-native gastropod <i>Crepidula fornicata</i> and effects on recruitment success in the intertidal zone. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 448, 289-297.	1.5	16
84	The distribution of the invasive non-native gastropod <i>Crepidula fornicata</i> in the Milford Haven Waterway, its northernmost population along the west coast of Britain. <i>Helgoland Marine Research</i> , 2015, 69, 313-325.	1.3	16
85	Relationships between biodiversity and the stability of marine ecosystems: Comparisons at a European scale using meta-analysis. <i>Journal of Sea Research</i> , 2015, 98, 5-14.	1.6	16
86	Opposing Indirect Effects of Domestic Herbivores on Saltmarsh Erosion. <i>Ecosystems</i> , 2019, 22, 1055-1068.	3.4	16
87	Artificial shorelines lack natural structural complexity across scales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210329.	2.6	16
88	The use of environmental DNA metabarcoding and quantitative PCR for molecular detection of marine invasive non-native species associated with artificial structures. <i>Biological Invasions</i> , 2022, 24, 635-648.	2.4	16
89	Cannibalistic interactions in two co-occurring decapod species: Effects of density, food, alternative prey and habitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 368, 88-93.	1.5	13
90	Asymmetric competitive effects during species range expansion: An experimental assessment of interaction strength between "equivalent" grazer species in their range overlap. <i>Journal of Animal Ecology</i> , 2019, 88, 277-289.	2.8	13

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91	Patterns of abundance across geographical ranges as a predictor for responses to climate change: Evidence from UK rocky shores. <i>Diversity and Distributions</i> , 2020, 26, 1357-1365.	4.1	13
92	Predicting the dispersal of wild Pacific oysters <i>Crassostrea gigas</i> (Thunberg, 1793) from an existing frontier population – a numerical study. <i>Aquatic Invasions</i> , 2017, 12, 117-131.	1.6	13
93	Extirpation-resistant species do not always compensate for the decline in ecosystem processes associated with biodiversity loss. <i>Journal of Ecology</i> , 2012, 100, 1475-1481.	4.0	11
94	Environmental heterogeneity at small spatial scales affects population and community dynamics on intertidal rocky shores of a threatened bay system. <i>Ocean and Coastal Management</i> , 2018, 164, 52-59.	4.4	11
95	Scale-dependent natural variation in larval nutritional reserves in a marine invertebrate: implications for recruitment and cross-ecosystem coupling. <i>Marine Ecology - Progress Series</i> , 2017, 570, 141-155.	1.9	11
96	Functional composition, but not richness, affected the performance of sessile suspension-feeding assemblages. <i>Journal of Sea Research</i> , 2009, 61, 216-221.	1.6	10
97	Novel co-occurrence of functionally redundant consumers induced by range expansion alters community structure. <i>Ecology</i> , 2020, 101, e03150.	3.2	10
98	Temporal scale of field experiments in benthic ecology. <i>Marine Ecology - Progress Series</i> , 2016, 547, 273-286.	1.9	10
99	Repeatability of escape response performance in the queen scallop (<i>Aequipecten opercularis</i>). <i>Journal of Experimental Biology</i> , 2013, 216, 3264-72.	1.7	9
100	Successional convergence in experimentally disturbed intertidal communities. <i>Oecologia</i> , 2018, 186, 507-516.	2.0	8
101	The influence of mussel-modified habitat on <i>Fucus serratus</i> L. a rocky intertidal canopy-forming macroalga. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 481, 63-70.	1.5	7
102	Determinants of reproductive potential and population size in open populations of <i>Patella vulgata</i> . <i>Marine Biology</i> , 2010, 157, 779-789.	1.5	6
103	Combining Traits and Density to Model Recruitment of Sessile Organisms. <i>PLoS ONE</i> , 2013, 8, e57849.	2.5	6
104	Early patterns of recovery from disturbance in intertidal algal assemblages: consistency across regions within a marine province. <i>Marine Ecology - Progress Series</i> , 2014, 517, 131-142.	1.9	6
105	Patterns of reproductive traits of furoid species in core and marginal populations. <i>European Journal of Phycology</i> , 2015, 50, 457-468.	2.0	6
106	The Effect of Light on Bacterial Activity in a Seaweed Holobiont. <i>Microbial Ecology</i> , 2017, 74, 868-876.	2.8	6
107	Role of trait combinations, habitat matrix, and network topology in metapopulation recovery from regional extinction. <i>Limnology and Oceanography</i> , 2020, 65, 775-789.	3.1	6
108	Changes in Diversity and Ecosystem Functioning During Succession. <i>Ecological Studies</i> , 2009, , 213-223.	1.2	6

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109	Physical and biological control of fucoid recruitment in range edge and range centre populations. <i>Marine Ecology - Progress Series</i> , 2015, 518, 85-94.	1.9	6
110	Succession on Hard Substrata. , 0, , 60-72.		5
111	Characterisation of shell disease syndrome in the brown crab, <i>Cancer pagurus</i> , in a Discrete Irish Sea Fishery. <i>Journal of Crustacean Biology</i> , 2014, 34, 40-46.	0.8	5
112	Changes in small scale spatial structure of cockle <i>Cerastoderma edule</i> (L.) post-larvae. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 468, 1-10.	1.5	5
113	The effect of macrofaunal disturbance on <i>Cerastoderma edule</i> post-larvae. <i>Journal of Sea Research</i> , 2016, 112, 23-31.	1.6	5
114	Barnacle cover modifies foraging behaviour of the intertidal limpet <i>Patella vulgata</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1779-1786.	0.8	5
115	Prey vulnerability and predation pressure shape predator-induced changes in O2 consumption and antipredator behaviour. <i>Animal Behaviour</i> , 2020, 167, 13-22.	1.9	5
116	Influence of environmental variables over multiple spatial scales on the population structure of a key marine invertebrate. <i>Marine Environmental Research</i> , 2021, 170, 105410.	2.5	5
117	Evidence for enhanced late-stage larval quality, not survival, through maternal carry-over effects in a space monopolizing barnacle. <i>Hydrobiologia</i> , 2019, 830, 277-286.	2.0	3
118	Post-settlement dispersal ability determines structure of marine benthic metacommunities. <i>Marine Ecology - Progress Series</i> , 2017, 569, 15-23.	1.9	3
119	Phenotypic variation in shell form in the intertidal acorn barnacle <i>Chthamalus montagui</i> : distribution, response to predators and life history trade-offs. <i>Marine Biology</i> , 2014, 161, 2609-2619.	1.5	2
120	Exploring perceptions of marine biosecurity interventions: insights from the commercial marina sector. <i>Marine Policy</i> , 2020, 118, 104027.	3.2	2
121	Overview and Synthesis. , 2019, , 488-505.		1
122	Genetic diversity and relatedness in aquaculture and marina populations of the invasive tunicate <i>Didemnum vexillum</i> in the British Isles. <i>Biological Invasions</i> , 2021, 23, 3613-3624.	2.4	1
123	Shell growth and age determined from annual lines in the southern warm-water limpet <i>Patella depressa</i> at its poleward geographic boundaries. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2021, 101, 707-716.	0.8	0