

# David R Schiel

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

2,990  
citations

186265

28  
h-index

175258

52  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whitebait conservation and protected areas at non-tidal rivermouths: integrating biogeography and		

#	ARTICLE	IF	CITATIONS
19	Understanding the life histories of amphidromous fish by integrating otolith-derived growth reconstructions, postlarval migrations and reproductive traits. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1391-1402.	2.0	8
20	The Kaik�ura earthquake in southern New Zealand: Loss of connectivity of marine communities and the necessity of a cross-ecosystem perspective. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1520-1534.	2.0	36
21	Effects of sediment on early life history stages of habitat-dominating fucoid algae. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 516, 44-50.	1.5	12
22	Experimental analyses of diversity partitioning in southern hemisphere algal communities. <i>Oecologia</i> , 2019, 190, 179-193.	2.0	11
23	Effects of stock origin and environment on growth and reproduction of the green-lipped mussel <i>Perna canaliculus</i> . <i>Aquaculture</i> , 2019, 505, 502-509.	3.5	7
24	Local Extinction of Bull Kelp ( <i>Durvillaea</i> spp.) Due to a Marine Heatwave. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	177
25	Secondary foundation species enhance biodiversity. <i>Nature Ecology and Evolution</i> , 2018, 2, 634-639.	7.8	85
26	Ecophysiology of Layered Macroalgal Assemblages: Importance of Subcanopy Species Biodiversity in Buffering Primary Production. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	17
27	Modified kelp seasonality and invertebrate diversity where an invasive kelp co-occurs with native mussels. <i>Marine Biology</i> , 2018, 165, 1.	1.5	12
28	Nonselective use of vegetation for spawning by the diadromous fish <i>Galaxias maculatus</i> . <i>Restoration Ecology</i> , 2018, 26, 650-656.	2.9	1
29	Earthquake-induced habitat migration in a riparian spawning fish has implications for conservation management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 702-712.	2.0	9
30	Transport of drifting fucoid algae: Nearshore transport and potential for long distance dispersal. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 490, 34-41.	1.5	19
31	Integration of chlorophyll <i>a</i> fluorescence and photorespirometry techniques to understand production dynamics in macroalgal communities. <i>Journal of Phycology</i> , 2017, 53, 476-485.	2.3	13
32	To include or not to include (the invader in community analyses)? That is the question. <i>Biological Invasions</i> , 2016, 18, 1515-1521.	2.4	33
33	Transient effects of an invasive kelp on the community structure and primary productivity of an intertidal assemblage. <i>Marine and Freshwater Research</i> , 2016, 67, 103.	1.3	38
34	A host-specific habitat former controls biodiversity across ecological transitions in a rocky intertidal facilitation cascade. <i>Marine and Freshwater Research</i> , 2016, 67, 144.	1.3	21
35	Controlling inputs from the land to sea: limit-setting, cumulative impacts and ki uta ki tai. <i>Marine and Freshwater Research</i> , 2016, 67, 57.	1.3	24
36	Assemblage and understory carbon production of native and invasive canopy-forming macroalgae. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 469, 10-17.	1.5	24

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37	Shining Light on Benthic Macroalgae: Mechanisms of Complementarity in Layered Macroalgal Assemblages. <i>PLoS ONE</i> , 2014, 9, e114146.	2.5	35
38	Experimental Rehabilitation of Degraded Spawning Habitat of a Diadromous Fish, <i>Galaxias maculatus</i> (Jenyns, 1842) in Rural and Urban Streams. <i>Restoration Ecology</i> , 2014, 22, 319-326.	2.9	20
39	Artificial Spawning Habitats Improve Egg Production of a Declining Diadromous Fish, <i>Galaxias maculatus</i> (Jenyns, 1842). <i>Restoration Ecology</i> , 2013, 21, 686-694.	2.9	9
40	Impacts of Temperature on Primary Productivity and Respiration in Naturally Structured Macroalgal Assemblages. <i>PLoS ONE</i> , 2013, 8, e74413.	2.5	67
41	Demography and population biology of the invasive kelp <i>Undaria pinnatifida</i> on shallow reefs in southern New Zealand. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 434-435, 25-33.	1.5	49
42	Legacy Effects of Canopy Disturbance on Ecosystem Functioning in Macroalgal Assemblages. <i>PLoS ONE</i> , 2011, 6, e26986.	2.5	51
43	Biogeographic patterns and long-term changes on New Zealand coastal reefs: Non-trophic cascades from diffuse and local impacts. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 400, 33-51.	1.5	73
44	Impacts and negative feedbacks in community recovery over eight years following removal of habitat-forming macroalgae. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 407, 108-115.	1.5	68
45	Population sinks resulting from degraded habitats of an obligate life-history pathway. <i>Oecologia</i> , 2011, 166, 131-140.	2.0	47
46	Settlement rates of macroalgal algal propagules: Cross-species comparisons in a turbulent environment. <i>Limnology and Oceanography</i> , 2010, 55, 66-76.	3.1	25
47	Loss of predators and the collapse of southern California kelp forests (?): Alternatives, explanations and generalizations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 393, 59-70.	1.5	121
48	Organismal traits are more important than environment for species interactions in the intertidal zone. <i>Ecology Letters</i> , 2010, 13, 1160-1171.	6.4	32
49	Algal populations controlled by fish herbivory across a wave exposure gradient on southern temperate shores. <i>Ecology</i> , 2010, 91, 201-211.	3.2	71
50	Multiple Stressors and Disturbances. <i>Ecological Studies</i> , 2009, , 281-294.	1.2	3
51	Patterns Along Environmental Gradients. <i>Ecological Studies</i> , 2009, , 101-112.	1.2	3
52	A dynamic energy budget model: parameterisation and application to the Pacific oyster <i>Crassostrea gigas</i> in New Zealand waters. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 361, 42-48.	1.5	62
53	Survival strategies in <i>Polysiphonia adamsiae</i> and <i>P. strictissima</i> (Rhodophyta). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Marine and Freshwater Research</i> , 2007, 41, 325-334.	2.0	7
54	The Population Biology of Large Brown Seaweeds: Ecological Consequences of Multiphase Life Histories in Dynamic Coastal Environments. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 343-372.	8.3	265

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55	SEASCAPE-DEPENDENT SUBTIDALâ€“INTERTIDAL TROPHIC LINKAGES. <i>Ecology</i> , 2006, 87, 731-744.	3.2	58
56	Community effects following the deletion of a habitat-forming alga from rocky marine shores. <i>Oecologia</i> , 2006, 148, 672-681.	2.0	134
57	Sediment on rocky intertidal reefs: Effects on early post-settlement stages of habitat-forming seaweeds. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 331, 158-172.	1.5	108
58	Rivets or bolts? When single species count in the function of temperate rocky reef communities. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 338, 233-252.	1.5	105
59	DETECTING LONG-TERM CHANGE IN COMPLEX COMMUNITIES: A CASE STUDY FROM THE ROCKY INTERTIDAL ZONE. , 2005, 15, 1813-1832.		24
60	Growth of cultured mussels ( <i>Perna canaliculus</i> Gmelin 1791) at a deep-water chlorophyll maximum layer. <i>Aquaculture Research</i> , 2004, 35, 1253-1260.	1.8	10
61	The structure and replenishment of rocky shore intertidal communities and biogeographic comparisons. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 300, 309-342.	1.5	105
62	TEN YEARS OF INDUCED OCEAN WARMING CAUSES COMPREHENSIVE CHANGES IN MARINE BENTHIC COMMUNITIES. <i>Ecology</i> , 2004, 85, 1833-1839.	3.2	243
63	Wave-related mortality in zygotes of habitat-forming algae from different exposures in southern New Zealand: the importance of â€“stickabilityâ€™. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 290, 229-245.	1.5	63
64	Seasonal variation in the reproductive activity and biochemical composition of the Pacific oyster ( <i>Crassostrea gigas</i> ) from the Marlborough Sounds, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2003, 37, 171-182.	2.0	60
65	Reproductive biology and population structure of the banded wrasse, <i>Notolabrus fucicola</i> (Labridae) around Kaikoura, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2002, 36, 555-563.	2.0	17
66	Influence of along-shore advection and upwelling on coastal temperature at Kaikoura Peninsula, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2001, 35, 307-317.	2.0	29
67	Feeding ecology of the banded wrasse <i>Notolabrus fucicola</i> (Labridae) in southern New Zealand: Prey items, seasonal differences, and ontogenetic variation. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2001, 35, 925-933.	2.0	44
68	Effects of trampling on a rocky intertidal algal assemblage in southern New Zealand. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 235, 213-235.	1.5	109
69	Review of abalone culture and research in New Zealand. <i>Molluscan Research</i> , 1997, 18, 289-298.	0.7	3
70	Catch characteristics of commercial gill-nets in a nearshore fishery in central New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1997, 31, 249-259.	2.0	7
71	Morphometric variation in <i>Haliotis iris</i> (Mollusca: Gastropoda): Analysis of 61 populations. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1994, 28, 357-364.	2.0	20
72	Coastal biology and the New Zealand Journal of Marine and Freshwater Research, 1967â€“91. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1991, 25, 415-427.	2.0	4

#	ARTICLE	IF	CITATIONS
73	Algal interactions on shallow subtidal reefs in northern New Zealand: A review. New Zealand Journal of Marine and Freshwater Research, 1988, 22, 481-489.	2.0	68
74	Comparing the performance of supervised classification methods on a multispecies fishery of post-larval galaxiids. New Zealand Journal of Marine and Freshwater Research, 0, , 1-12.	2.0	0