Jeffrey S Shima

List of Publications by Year
in descending order

58 papers	1,616 citations	331538 21 h-index	330025 37 g-index
58 all docs	58 docs citations	58 times ranked	1760 citing authors

#	Article	IF	Citations
1	Larval sensory abilities and mechanisms of habitat selection of a coral reef fish during settlement. Oecologia, 2005, 143, 326-334.	0.9	139
2	A unified analysis of niche overlap incorporating data of different types. Methods in Ecology and Evolution, 2011, 2, 175-184.	2.2	106
3	CRYPTIC DENSITY DEPENDENCE: EFFECTS OF COVARIATION BETWEEN DENSITY AND SITE QUALITY IN REEF FISH. Ecology, 2003, 84, 46-52.	1.5	101
4	Larval quality is shaped by matrix effects: implications for connectivity in a marine metapopulation. Ecology, 2009, 90, 1255-1267.	1.5	91
5	Pelagic larval growth rate impacts benthic settlement and survival of a temperate reef fish. Marine Ecology - Progress Series, 2002, 235, 303-309.	0.9	84
6	A Review of Biophysical Models of Marine Larval Dispersal. , 2019, , 325-356.		59
7	RECRUITMENT OF A CORAL REEF FISH: ROLES OF SETTLEMENT, HABITAT, AND POSTSETTLEMENT LOSSES. Ecology, 2001, 82, 2190-2199.	1.5	56
8	Ontogenetic changes in habitat selection during settlement in a coral reef fish: ecological determinants and sensory mechanisms. Coral Reefs, 2007, 26, 423-432.	0.9	56
9	The legacy of dispersal: larval experience shapes persistence later in the life of a reef fish. Journal of Animal Ecology, 2010, 79, 1308-1314.	1.3	53
10	Disentangling the effects of macroalgae on the abundance of temperate reef fishes. Journal of Experimental Marine Biology and Ecology, 2010, 388, 1-10.	0.7	47
11	Variability in relative importance of determinants of reef fish recruitment. Ecology Letters, 1999, 2, 304-310.	3.0	43
12	Regulation of local populations of a coral reef fish via joint effects of density- and number-dependent mortality. Oecologia, 2001, 126, 58-65.	0.9	42
13	Guard crabs alleviate deleterious effects of vermetid snails on a branching coral. Coral Reefs, 2010, 29, 1019-1022.	0.9	42
14	QUANTIFYING SITE QUALITY IN A HETEROGENEOUS LANDSCAPE: RECRUITMENT OF A REEF FISH. Ecology, 2008, 89, 86-94.	1.5	41
15	The vermetid gastropodDendropoma maximumreduces coral growth and survival. Biology Letters, 2010, 6, 815-818.	1.0	39
16	Differential effects of suspended sediments on larval survival and settlement of New Zealand urchins Evechinus chloroticus and abalone Haliotis iris. Marine Ecology - Progress Series, 2006, 314, 149-158.	0.9	37
17	Ontogenetic shifts in microhabitat preference of the temperate reef fish Forsterygion lapillum: implications for population limitation. Marine Ecology - Progress Series, 2006, 320, 259-266.	0.9	36
18	ECOLOGY â€“ Assessing effects of marine protected areas: confounding in space and possible solutions. , 2011, , 143-167.		29

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19	Evidence and population consequences of shared larval dispersal histories in a marine fish. Ecology, 2016, 97, 25-31.	1.5	27
20	Spatially variable larval histories may shape recruitment rates of a temperate reef fish. Marine Ecology - Progress Series, 2009, 394, 223-229.	0.9	26
21	Life history and matrix heterogeneity interact to shape metapopulation connectivity in spatially structured environments. Ecology, 2010, 91, 1215-1224.	1.5	26
22	Algal and invertebrate bioindicators detect sewage effluent along the coast of Titahi Bay, Wellington, New Zealand. New Zealand Journal of Marine and Freshwater Research, 2010, 44, 39-51.	0.8	25
23	Regional variation in larval retention and dispersal drives recruitment patterns in a temperate reef fish. Marine Ecology - Progress Series, 2010, 417, 229-236.	0.9	25
24	Consequences of variable larval dispersal pathways and resulting phenotypic mixtures to the dynamics of marine metapopulations. Biology Letters, 2015, 11, 20140778.	1.0	23
25	Born at the right time? A conceptual framework linking reproduction, development, and settlement in reef fish. Ecology, 2018, 99, 116-126.	1.5	23
26	Reproductive phenology across the lunar cycle: parental decisions, offspring responses, and consequences for reef fish. Ecology, 2020, 101, e03086.	1.5	23
27	Variation in the effects of larval history on juvenile performance of a temperate reef fish. Austral Ecology, 2011, 36, 830-838.	0.7	21
28	Consistent deleterious effects of vermetid gastropods on coral performance. Journal of Experimental Marine Biology and Ecology, 2013, 439, 1-6.	0.7	20
29	Habitat configuration and availability influences the settlement of temperate reef fishes (Tripterygiidae). Journal of Experimental Marine Biology and Ecology, 2013, 449, 215-220.	0.7	20
30	A Framework for Assessing Impacts of Marine Protected Areas in Moorea (French Polynesia)1. Pacific Science, 2008, 62, 431-441.	0.2	18
31	Ontogenetic variation in site fidelity and homing behaviour of a temperate reef fish. Journal of Experimental Marine Biology and Ecology, 2012, 416-417, 162-167.	0.7	18
32	Moonlight enhances growth in larval fish. Ecology, 2019, 100, e02563.	1.5	18
33	Density- and trait-mediated effects of fish predators on amphipod grazers: potential indirect benefits for the giant kelp Macrocystis pyrifera. Marine Ecology - Progress Series, 2010, 417, 151-158.	0.9	18
34	Inferring dispersal and migrations from incomplete geochemical baselines: analysis of population structure using Bayesian infinite mixture models. Methods in Ecology and Evolution, 2013, 4, 836-845.	2.2	17
35	Lunar rhythms in growth of larval fish. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202609.	1.2	15
36	Interactive effects of shelter and conspecific density shape mortality, growth, and condition in juvenile reef fish. Ecology, 2016, 97, 1373-1380.	1.5	14

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37	Mechanisms of density- and number-dependent population regulation of a coral-reef fish. Marine and Freshwater Research, 2002, 53, 175.	0.7	13
38	Geographic and sexâ€specific variation in growth of yellowâ€eyed mullet,Aldrichetta forsteri,from estuaries around New Zealand. New Zealand Journal of Marine and Freshwater Research, 2005, 39, 1277-1285.	0.8	12
39	Demographic heterogeneity and the dynamics of open populations. Ecology, 2015, 96, 1159-1165.	1.5	12
40	Reproduction of the vermetid gastropod Dendropoma maximum (Sowerby, 1825) in Moorea, French Polynesia. Journal of Molluscan Studies, 2010, 76, 133-137.	0.4	11
41	Vermetid gastropods mediate within-colony variation in coral growth to reduce rugosity. Marine Biology, 2015, 162, 1523-1530.	0.7	11
42	Landscape edges shape dispersal and population structure of a migratory fish. Oecologia, 2019, 190, 579-588.	0.9	11
43	Effects of microhabitat availability on estimates of density of a reef fish: implications for assessments of marine protected areas. Hydrobiologia, 2012, 685, 173-190.	1.0	10
44	Competitive hierarchies among three species of juvenile coral reef fishes. Marine Ecology - Progress Series, 2013, 472, 239-248.	0.9	10
45	Scale-dependent variability in Forsterygion lapillum hatchling otolith chemistry: implications and solutions for studies of population connectivity. Marine Ecology - Progress Series, 2010, 415, 263-274.	0.9	9
46	Hatch date and growth rate drives reproductive success in nest-guarding males of a temperate reef fish. Marine Ecology - Progress Series, 2018, 592, 197-206.	0.9	8
47	Live coral cover may provide resilience to damage from the vermetid gastropod Dendropoma maximum by preventing larval settlement. Coral Reefs, 2014, 33, 1137-1144.	0.9	5
48	Acceleration loggers reveal fine-scale heterogeneity in wave exposure along an open coast. Estuarine, Coastal and Shelf Science, 2020, 233, 106507.	0.9	5
49	Variation in the growth and survival of the tropical vermetid gastropod Ceraesignum maximum is driven by size, habitat, and density. Marine Biology, 2016, 163, 1.	0.7	4
50	How moonlight shapes environments, life histories, and ecological interactions on coral reefs. Emerging Topics in Life Sciences, 2022, 6, 45-56.	1.1	4
51	Patterns of co-occurrence and interactions between age classes of the common triplefin, Forsterygion lapillum. Marine Biology, 2014, 161, 1285-1298.	0.7	3
52	Mass mortality of the vermetid gastropod Ceraesignum maximum. Coral Reefs, 2016, 35, 1027-1032.	0.9	3
53	Comparing traditional and modern methods of kÄkahi translocation: implications for ecological restoration. New Zealand Journal of Marine and Freshwater Research, 2020, 54, 102-114.	0.8	3
54	Reproductive success of parasitized males in a marine reef fish. Marine Biology, 2014, 161, 2689-2696.	0.7	1

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55	Home-range size in juveniles of the temperate reef fish, the common triplefin (Forsterygion lapillum). Marine and Freshwater Research, 2016, 67, 1589.	0.7	1
56	Patterns of selective predation change with ontogeny but not density in a marine fish. Oecologia, 2019, 189, 123-132.	0.9	1
57	Extended phenotypes on coral reefs: cryptic phenotypes modulate coralâ€vermetid interactions. Ecology, 2021, 102, e03215.	1.5	1
58	Hidden predators on coral reefs: muricid consumption of vermetids. Marine Ecology - Progress Series, 2019, 615, 121-131.	0.9	0