

# J Wilson White

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

2,517  
citations

201674

27  
h-index

223800

46  
g-index

76  
all docs

76  
docs citations

76  
times ranked

3085  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recruitment variability and sampling design interact to influence the detectability of protected area effects. <i>Ecological Applications</i> , 2022, 32, .	3.8	4
2	No-take marine protected areas enhance the benefits of kelp forest restoration for fish but not fisheries. <i>Ecology Letters</i> , 2022, 25, 1665-1675.	6.4	2
3	Quantifying the statistical power of monitoring programs for marine protected areas. <i>Ecological Applications</i> , 2021, 31, e2215.	3.8	4
4	Analysis of fish population size distributions confirms cessation of fishing in marine protected areas. <i>Conservation Letters</i> , 2021, 14, e12775.	5.7	10
5	Quantifying the Statistical Power of Monitoring Programs for Marine Protected Areas. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01793.	0.2	0
6	Persistence of a reef fish metapopulation via network connectivity: theory and data. <i>Ecology Letters</i> , 2021, 24, 1121-1132.	6.4	6
7	Projecting the timescale of initial increase in fishery yield after implementation of marine protected areas. <i>ICES Journal of Marine Science</i> , 2021, 78, 1860-1871.	2.5	10
8	Not all disturbances are created equal: disturbance magnitude affects predator-prey populations more than disturbance frequency. <i>Oikos</i> , 2020, 129, 1-12.	2.7	8
9	Influence of protogynous sex change on recovery of fish populations within marine protected areas. <i>Ecological Applications</i> , 2020, 30, e02070.	3.8	9
10	Multigenerational and Transgenerational Effects of Environmentally Relevant Concentrations of Endocrine Disruptors in an Estuarine Fish Model. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13849-13860.	10.0	45
11	Diminishing returns in habitat restoration by adding biogenic materials: a test using estuarine oysters and recycled oyster shell. <i>Restoration Ecology</i> , 2020, 28, 1633-1642.	2.9	5
12	Population Dynamics of Sex-Changing Fish Species in Marine Protected Areas. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01669.	0.2	0
13	Integrating oceans into climate policy: Any green new deal needs a splash of blue. <i>Conservation Letters</i> , 2020, 13, e12716.	5.7	13
14	Environmental forcing and predator consumption outweigh the nonconsumptive effects of multiple predators on oyster reefs. <i>Ecology</i> , 2020, 101, e03041.	3.2	5
15	Setting ecological expectations for adaptive management of marine protected areas. <i>Journal of Applied Ecology</i> , 2019, 56, 2376-2385.	4.0	45
16	Integrating Coastal Oceanic and Benthic Ecological Approaches for Understanding Large-Scale Meta-Ecosystem Dynamics. <i>Oceanography</i> , 2019, 32, 38-49.	1.0	11
17	Setting expected timelines of fished population recovery for the adaptive management of a marine protected area network. <i>Ecological Applications</i> , 2019, 29, e01949.	3.8	57
18	Predation on oysters is inhibited by intense or chronically mild, low salinity events. <i>Limnology and Oceanography</i> , 2019, 64, 81-92.	3.1	21

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19	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.	2.7	9
20	Connectivity, Dispersal, and Recruitment: Connecting Benthic Communities and the Coastal Ocean. <i>Oceanography</i> , 2019, 32, 50-59.	1.0	34
21	Community Responses to Climate-Related Variability and Disease: The Critical Importance of Long-Term Research. <i>Oceanography</i> , 2019, 32, 72-81.	1.0	9
22	Marine Protected Areas Exemplify the Evolution of Science and Policy. <i>Oceanography</i> , 2019, 32, 94-103.	1.0	17
23	Connecting Science to Policymakers, Managers, and Citizens. <i>Oceanography</i> , 2019, 32, 106-115.	1.0	9
24	Planning for Change: Assessing the Potential Role of Marine Protected Areas and Fisheries Management Approaches for Resilience Management in a Changing Ocean. <i>Oceanography</i> , 2019, 32, 116-125.	1.0	13
25	Empirical Approaches to Measure Connectivity. <i>Oceanography</i> , 2019, 32, 60-61.	1.0	6
26	Size-dependent predation and intraspecific inhibition of an estuarine snail feeding on oysters. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 501, 74-82.	1.5	18
27	The Potential for Cryptic Population Structure to Sustain a Heavily Exploited Marine Flatfish Stock. <i>Marine and Coastal Fisheries</i> , 2018, 10, 411-423.	1.4	8
28	Population models reveal unexpected patterns of local persistence despite widespread larval dispersal in a highly exploited species. <i>Conservation Letters</i> , 2018, 11, e12567.	5.7	11
29	Scaling Up Endocrine Disruption Effects from Individuals to Populations: Outcomes Depend on How Many Males a Population Needs. <i>Environmental Science &amp; Technology</i> , 2017, 51, 1802-1810.	10.0	30
30	Response to O'Leary et al.: Misuse of Models Leads to Misguided Conservation Recommendations. <i>Conservation Letters</i> , 2017, 10, 269-270.	5.7	3
31	Application of diet theory reveals context-dependent foraging preferences in an herbivorous coral reef fish. <i>Oecologia</i> , 2017, 184, 127-137.	2.0	10
32	Nonconsumptive effects of a predator weaken then rebound over time. <i>Ecology</i> , 2017, 98, 656-667.	3.2	28
33	Local and regional stressors interact to drive a salinization-induced outbreak of predators on oyster reefs. <i>Ecosphere</i> , 2017, 8, e01992.	2.2	34
34	Transcriptomic changes underlie altered egg protein production and reduced fecundity in an estuarine model fish exposed to bifenthrin. <i>Aquatic Toxicology</i> , 2016, 174, 247-260.	4.0	80
35	Fitting state-space integral projection models to size-structured time series data to estimate unknown parameters. <i>Ecological Applications</i> , 2016, 26, 2677-2694.	3.8	19
36	Inverse approach to estimating larval dispersal reveals limited population connectivity along 700 km of wave-swept open coast. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160370.	2.6	18

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37	Larval traits carry over to affect post-settlement behaviour in a common coral reef fish. <i>Journal of Animal Ecology</i> , 2016, 85, 903-914.	2.8	11
38	Density-dependent prey mortality is determined by the spatial scale of predator foraging. <i>Oecologia</i> , 2016, 180, 305-311.	2.0	6
39	Endocrine Disrupting Compounds Alter Risk-Taking Behavior in Guppies ( <i>Poecilia reticulata</i> ). <i>Ethology</i> , 2015, 121, 480-491.	1.1	27
40	Marine Population Connectivity: Reconciling Large-Scale Dispersal and High Self-Retention. <i>American Naturalist</i> , 2015, 185, 196-211.	2.1	53
41	Marine reserve design theory for species with ontogenetic migration. <i>Biology Letters</i> , 2015, 11, 20140511.	2.3	18
42	Marine Protected Area Networks in California, USA. <i>Advances in Marine Biology</i> , 2014, 69, 205-251.	1.4	52
43	The Value of Larval Connectivity Information in the Static Optimization of Marine Reserve Design. <i>Conservation Letters</i> , 2014, 7, 533-544.	5.7	52
44	Stochastic models reveal conditions for cyclic dominance in sockeye salmon populations. <i>Ecological Monographs</i> , 2014, 84, 69-90.	5.4	17
45	Beyond connectivity: how empirical methods can quantify population persistence to improve marine protected area design. <i>Ecological Applications</i> , 2014, 24, 257-270.	3.8	184
46	Experimental determination of the spatial scale of a prey patch from the predator's perspective. <i>Oecologia</i> , 2014, 174, 723-729.	2.0	8
47	Ecologists should not use statistical significance tests to interpret simulation model results. <i>Oikos</i> , 2014, 123, 385-388.	2.7	301
48	Improving fisheries knowledge does not diminish prior efforts: A reply to Castrejón and Charles. <i>Ocean and Coastal Management</i> , 2014, 89, 112.	4.4	0
49	Planktonic larval mortality rates are lower than widely expected. <i>Ecology</i> , 2014, 95, 3344-3353.	3.2	50
50	Transient responses of fished populations to marine reserve establishment. <i>Conservation Letters</i> , 2013, 6, 180-191.	5.7	67
51	Behavior of the Galapagos fishing fleet and its consequences for the design of spatial management alternatives for the red spiny lobster fishery. <i>Ocean and Coastal Management</i> , 2013, 78, 88-100.	4.4	24
52	Improving macroscopic maturity determination in a pre-spawning flatfish through predictive modeling and whole mount methods. <i>Fisheries Research</i> , 2013, 147, 359-369.	1.7	8
53	A comparison of approaches used for economic analysis in marine protected area network planning in California. <i>Ocean and Coastal Management</i> , 2013, 74, 77-89.	4.4	48
54	Competitive and demographic leverage points of community shifts under climate warming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130572.	2.6	14

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55	From Omics to Otoliths: Responses of an Estuarine Fish to Endocrine Disrupting Compounds across Biological Scales. PLoS ONE, 2013, 8, e74251.	2.5	36
56	A GIS-Based Tool for Representing Larval Dispersal for Marine Reserve Selection. Professional Geographer, 2011, 63, 489-513.	1.8	4
57	The utility and limitations of size and spacing guidelines for designing marine protected area (MPA) networks. Biological Conservation, 2011, 144, 306-318.	4.1	98
58	Linking models with monitoring data for assessing performance of no-take marine reserves. Frontiers in Ecology and the Environment, 2011, 9, 390-399.	4.0	69
59	Functional responses and scaling in predator-prey interactions of marine fishes: contemporary issues and emerging concepts. Ecology Letters, 2011, 14, 1288-1299.	6.4	129
60	Oceanographic coupling across three trophic levels shapes source-sink dynamics in marine metacommunities. Oikos, 2011, 120, 1151-1164.	2.7	24
61	Can inverse density dependence at small spatial scales produce dynamic instability in animal populations?. Theoretical Ecology, 2011, 4, 357-370.	1.0	9
62	Importance of age structure in models of the response of upper trophic levels to fishing and climate change. ICES Journal of Marine Science, 2011, 68, 1270-1283.	2.5	36
63	Decision analysis for designing marine protected areas for multiple species with uncertain fishery status. Ecological Applications, 2010, 20, 1523-1541.	3.8	57
64	Larval entrainment in cooling water intakes: spatially explicit models reveal effects on benthic metapopulations and shortcomings of traditional assessments. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 2014-2031.	1.4	13
65	Adapting the steepness parameter from stock-recruit curves for use in spatially explicit models. Fisheries Research, 2010, 102, 330-334.	1.7	19
66	Synthesizing mechanisms of density dependence in reef fishes: behavior, habitat configuration, and observational scale. Ecology, 2010, 91, 1949-1961.	3.2	66
67	Decision analysis for designing marine protected areas for multiple species with uncertain fishery status. , 2010, 20, 100319061507001.		1
68	MARKOV CHAIN MONTE CARLO METHODS FOR ASSIGNING LARVAE TO NATAL SITES USING NATURAL GEOCHEMICAL TAGS. Ecological Applications, 2008, 18, 1901-1913.	3.8	26
69	SCALE-DEPENDENT CHANGES IN THE IMPORTANCE OF LARVAL SUPPLY AND HABITAT TO ABUNDANCE OF A REEF FISH. Ecology, 2008, 89, 1323-1333.	3.2	40
70	Spatially Coupled Larval Supply of Marine Predators and Their Prey Alters the Predictions of Metapopulation Models. American Naturalist, 2008, 171, E179-E194.	2.1	19
71	SAFETY IN NUMBERS AND THE SPATIAL SCALING OF DENSITY-DEPENDENT MORTALITY IN A CORAL REEF FISH. Ecology, 2007, 88, 3044-3054.	3.2	43
72	Spatially correlated recruitment of a marine predator and its prey shapes the large-scale pattern of density-dependent prey mortality. Ecology Letters, 2007, 10, 1054-1065.	6.4	42

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73	Behavioral and energetic costs of group membership in a coral reef fish. <i>Oecologia</i> , 2007, 154, 423-433.	2.0	47
74	Behavioral mechanisms underlie an ant-plant mutualism. <i>Oecologia</i> , 2003, 135, 51-59.	2.0	52