Chris Wilcox

List of Publications by Year in Descending Order

116 papers	11,618 citations	43 h-index	107 g-index
123 ext. papers	14,719 ext. citations	5.7 avg, IF	6.67 L-index

#	Paper	IF	Citations
116	Environmental context and socio-economic status drive plastic pollution in Australian cities. *Environmental Research Letters*, **2022**, 17, 045013	6.2	0
115	The Need for Attention to Confirmation Bias and Confounding in the Field of Plastic Pollution and Wildlife Impacts: Comment on "Clinical Pathology of Plastic Ingestion in Marine Birds and Relationships with Blood Chemistry". *Environmental Science & Technology*, **2021**, 55, 801-804	10.3	3
114	Progress and challenges in eliminating illegal fishing. *Fish and Fisheries*, **2021**, 22, 518-531	6	3
113	Assessing multiple threats to seabird populations using flesh-footed shearwaters Ardenna carneipes on Lord Howe Island, Australia as case study. *Scientific Reports*, **2021**, 11, 7196	4.9	1
112	Towards understanding the effects of oceanic plastic pollution on population growth for a South American fur seal (Arctocephalus australis australis) colony in Chile. *Environmental Pollution*, **2021**, 279, 116881	9.3	4
111	Challenges and misperceptions around global fishing gear loss estimates. *Marine Policy*, **2021**, 129, 104522	3.5	10
110	Global Causes, Drivers, and Prevention Measures for Lost Fishing Gear. *Frontiers in Marine Science*, **2021**, 8,	4.5	2
109	Plastic pollution is killing marine megafauna, but how do we prioritize policies to reduce mortality?. *Conservation Letters*, **2021**, 14, e12781	6.9	10
108	Socioeconomics effects on global hotspots of common debris items on land and the seafloor. *Global Environmental Change*, **2021**, 71, 102360	10.1	7
107	Comparing marine anthropogenic debris on inhabited mainland beaches, coastal islands, and uninhabited offshore islands: A case study from Queensland and the Coral Sea, Australia. *Marine Pollution Bulletin*, **2021**, 172, 112919	6.7	1
106	Abandoned, lost and discarded fishing gear 'ghost nets' are increasing through time in Northern Australia. *Marine Pollution Bulletin*, **2021**, 173, 112959	6.7	0
105	Coastal margins and backshores represent a major sink for marine debris: insights from a continental-scale analysis. *Environmental Research Letters*, **2020**, 15, 074037	6.2	43
104	A global assessment of the relationship between anthropogenic debris on land and the seafloor. *Environmental Pollution*, **2020**, 264, 114663	9.3	19
103	Disentangling the influence of taxa, behaviour and debris ingestion on seabird mortality. *Environmental Research Letters*, **2020**, 15, 124071	6.2	2
102	Abundance of Floating Plastic Particles Is Increasing in the Western North Atlantic Ocean. *Environmental Science & Technology*, **2020**, 54, 790-796	10.3	29
101	Microplastic Pollution in Deep-Sea Sediments From the Great Australian Bight. *Frontiers in Marine Science*, **2020**, 7,	4.5	56
100	Plastics in the Pacific: Assessing risk from ocean debris for marine birds in the California Current Large Marine Ecosystem. *Biological Conservation*, **2020**, 250, 108743	6.2	6

99	The Intersection Between Illegal Fishing, Crimes at Sea, and Social Well-Being. *Frontiers in Marine Science*, **2020**, 7,	4.5	10
98	Estimating illegal fishing from enforcement officers. *Scientific Reports*, **2020**, 10, 12478	4.9	8
97	Plastic, nutrition and pollution; relationships between ingested plastic and metal concentrations in the livers of two Pachyptila seabirds. *Scientific Reports*, **2020**, 10, 18023	4.9	10
96	The Success of Water Refill Stations Reducing Single-Use Plastic Bottle Litter. *Sustainability*, **2019**, 11, 5232	3.6	6
95	Risk assessment of plastic pollution on marine diversity in the Mediterranean Sea. *Science of the Total Environment*, **2019**, 678, 188-196	10.2	58
94	Size of marine debris items ingested and retained by petrels. *Marine Pollution Bulletin*, **2019**, 142, 569-576	6.7	9
93	Is plastic ingestion in birds as toxic as we think? Insights from a plastic feeding experiment. *Science of the Total Environment*, **2019**, 665, 660-667	10.2	22
92	Ecological drivers of marine debris ingestion in Procellariiform Seabirds. *Scientific Reports*, **2019**, 9, 916	4.9	30
91	Toward the Integrated Marine Debris Observing System. *Frontiers in Marine Science*, **2019**, 6,	4.5	91
90	Estimates of fishing gear loss rates at a global scale: A literature review and meta-analysis. *Fish and Fisheries*, **2019**, 20, 1218-1231	6	40
89	Multiple approaches to assessing the risk posed by anthropogenic plastic debris. *Marine Pollution Bulletin*, **2019**, 141, 188-193	6.7	3
88	A quantitative analysis linking seabird mortality and marine debris ingestion. *Scientific Reports*, **2019**, 9, 3202	4.9	43
87	Shedding light on the dark side of maritime trade □A new approach for identifying countries as flags of convenience. *Marine Policy*, **2019**, 99, 298-303	3.5	11
86	Economic incentives reduce plastic inputs to the ocean. *Marine Policy*, **2018**, 96, 250-255	3.5	45
85	Translating the terrestrial mitigation hierarchy to marine megafauna by-catch. *Fish and Fisheries*, **2018**, 19, 547-561	6	19
84	Understanding causes of gear loss provides a sound basis for fisheries management. *Marine Policy*, **2018**, 96, 278-284	3.5	25
83	Challenges and emerging solutions to the land-based plastic waste issue in Africa. *Marine Policy*, **2018**, 96, 256-263	3.5	114
82	Loitering with intent-Catching the outlier vessels at sea. *PLoS ONE*, **2018**, 13, e0200189	3.7	2

81	A Global Mitigation Hierarchy for Nature Conservation. *BioScience*, **2018**, 68, 336-347	5.7	85
80	Connecting flux, deposition and resuspension in coastal debris surveys. *Science of the Total Environment*, **2018**, 644, 1019-1026	10.2	37
79	Characterizing transhipment at-sea activities by longline and purse seine fisheries in response to recent policy changes in Indonesia. *Marine Policy*, **2018**, 95, 8-13	3.5	11
78	Using expert elicitation to rank ecological indicators for detecting climate impacts on Australian seabirds and pinnipeds. *Ecological Indicators*, **2018**, 95, 637-644	5.8	5
77	How successful are waste abatement campaigns and government policies at reducing plastic waste into the marine environment?. *Marine Policy*, **2018**, 96, 243-249	3.5	79
76	Chasing the Fish Oil□Do Bunker Vessels Hold the Key to Fisheries Crime Networks?. *Frontiers in Marine Science*, **2018**, 5,	4.5	4
75	Detecting suspicious activities at sea based on anomalies in Automatic Identification Systems transmissions. *PLoS ONE*, **2018**, 13, e0201640	3.7	16
74	A quantitative analysis linking sea turtle mortality and plastic debris ingestion. *Scientific Reports*, **2018**, 8, 12536	4.9	78
73	A risk framework for tackling marine debris. *Analytical Methods*, **2017**, 9, 1429-1436	3.2	18
72	Differentiating littering, urban runoff and marine transport as sources of marine debris in coastal and estuarine environments. *Scientific Reports*, **2017**, 7, 44479	4.9	68
71	Research on Seafood Fraud Deserves Better. *Conservation Letters*, **2017**, 10, 783-785	6.9	3
70	Estimating quantities and sources of marine debris at a continental scale. *Frontiers in Ecology and the Environment*, **2017**, 15, 18-25	5.5	74
69	Japanese and Taiwanese pelagic longline fleet dynamics and the impacts of climate change in the southern Indian Ocean. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 140, 242-250	2.3	10
68	Plastic as a Persistent Marine Pollutant. *Annual Review of Environment and Resources*, **2017**, 42, 1-26	17.2	316
67	Comparison of marine debris data collected by researchers and citizen scientists: Is citizen science data worth the effort?. *Biological Conservation*, **2017**, 208, 127-138	6.2	59
66	Using Numerical Model Simulations to Improve the Understanding of Micro-plastic Distribution and Pathways in the Marine Environment. *Frontiers in Marine Science*, **2017**, 4,	4.5	103
65	Microplastic Distribution at Different Sediment Depths in an Urban Estuary. *Frontiers in Marine Science*, **2017**, 4,	4.5	103
64	Past and estimated future impact of invasive alien mammals on insular threatened vertebrate populations. *Nature Communications*, **2016**, 7, 12488	17.4	40

63	Using expert elicitation to estimate the impacts of plastic pollution on marine wildlife. *Marine Policy*, **2016**, 65, 107-114	3.5	137
62	Risk analysis reveals global hotspots for marine debris ingestion by sea turtles. *Global Change Biology*, **2016**, 22, 567-76	11.4	95
61	Biodegradable nets are not a panacea, but can contribute to addressing the ghost fishing problem. *Animal Conservation*, **2016**, 19, 322-323	3.2	6
60	FORUM: Perverse incentives risk undermining biodiversity offset policies. *Journal of Applied Ecology*, **2015**, 52, 532-537	5.8	94
59	Characteristics of marine debris that entangle Australian fur seals (Arctocephalus pusillus doriferus) in southern Australia. *Marine Pollution Bulletin*, **2015**, 98, 354-7	6.7	27
58	Threat of plastic pollution to seabirds is global, pervasive, and increasing. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 11899-904	11.5	458
57	Flexible foraging behaviour in a marine predator, the Masked booby (Sula dactylatra), according to foraging locations and environmental conditions. *Journal of Experimental Marine Biology and Ecology*, **2015**, 463, 79-86	2.1	20
56	Maximizing Return on Investment for Island Restoration and Species Conservation. *Conservation Letters*, **2015**, 8, 171-179	6.9	20
55	Potential impacts of climate change on the distribution of longline catches of yellowfin tuna (Thunnus albacares) in the Tasman sea. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2015**, 113, 235-245	2.3	17
54	Determining trends and environmental drivers from long-term marine mammal and seabird data: examples from Southern Australia. *Regional Environmental Change*, **2015**, 15, 197-209	4.3	24
53	A biochemical approach for identifying plastics exposure in live wildlife. *Methods in Ecology and Evolution*, **2015**, 6, 92-98	7.7	34
52	Understanding the sources and effects of abandoned, lost, and discarded fishing gear on marine turtles in northern Australia. *Conservation Biology*, **2015**, 29, 198-206	6	60
51	Risk sensitivity and the behaviour of fishing vessels. *Fish and Fisheries*, **2015**, 16, 399-425	6	12
50	Mitigating undesirable impacts in the marine environment: a review of market-based management measures. *Frontiers in Marine Science*, **2015**, 2,	4.5	12
49	A global inventory of small floating plastic debris. *Environmental Research Letters*, **2015**, 10, 124006	6.2	746
48	Novel methods, new results and science-based solutions to tackle marine debris impacts on wildlife. *Ocean and Coastal Management*, **2015**, 115, 4-9	3.9	52
47	Marine pollution. Plastic waste inputs from land into the ocean. *Science*, **2015**, 347, 768-71	33.3	4850
46	Global analysis of anthropogenic debris ingestion by sea turtles. *Conservation Biology*, **2014**, 28, 129-39	6	178

45	Mistaken identity? Visual similarities of marine debris to natural prey items of sea turtles. *BMC Ecology*, **2014**, 14, 14	2.7	89
44	Global research priorities to mitigate plastic pollution impacts on marine wildlife. *Endangered Species Research*, **2014**, 25, 225-247	2.5	211
43	Millimeter-sized marine plastics: a new pelagic habitat for microorganisms and invertebrates. *PLoS ONE*, **2014**, 9, e100289	3.7	248
42	Nonbreeding distribution of flesh-footed shearwaters and the potential for overlap with north Pacific fisheries. *Biological Conservation*, **2013**, 166, 3-10	6.2	15
41	Ghostnet impacts on globally threatened turtles, a spatial risk analysis for northern Australia. *Conservation Letters*, **2013**, 6, 247-254	6.9	59
40	Protecting islands from pest invasion: Response to Greenslade et al.. *Biological Conservation*, **2013**, 157, 435-436	6.2	1
39	Genetic variability and population diversity as revealed by microsatellites for Flesh-footed shearwaters (Puffinus carneipes) in the southern hemisphere. *Conservation Genetics Resources*, **2013**, 5, 27-29	0.8	2
38	Economic and conservation implications of a variable effort penalty system in effort-controlled fisheries. *Applied Economics*, **2013**, 45, 3880-3890	1.6	11
37	Re-examining mortality sources and population trends in a declining seabird: using Bayesian methods to incorporate existing information and new data. *PLoS ONE*, **2013**, 8, e58230	3.7	21
36	Marine plastic pollution in waters around Australia: characteristics, concentrations, and pathways. *PLoS ONE*, **2013**, 8, e80466	3.7	256
35	Cheap and nasty? The potential perils of using management costs to identify global conservation priorities. *PLoS ONE*, **2013**, 8, e80893	3.7	17
34	Assessing opportunity and relocation costs of marine protected areas using a behavioural model of longline fleet dynamics. *Fish and Fisheries*, **2012**, 13, 139-157	6	32
33	To eat or not to eat? Debris selectivity by marine turtles. *PLoS ONE*, **2012**, 7, e40884	3.7	81
32	Biodiversity offsets: a cost-effective interim solution to seabird bycatch in fisheries?. *PLoS ONE*, **2011**, 6, e25762	3.7	19
31	Estimation of yellowfin tuna (Thunnus albacares) habitat in waters adjacent to Australia East Coast: making the most of commercial catch data. *Fisheries Oceanography*, **2011**, 20, 383-396	2.4	25
30	Resolving estimation of movement in a vertically migrating pelagic fish: Does GPS provide a solution?. *Journal of Experimental Marine Biology and Ecology*, **2011**, 398, 9-17	2.1	10
29	Catastrophic floods may pave the way for increased genetic diversity in endemic artesian spring snail populations. *PLoS ONE*, **2011**, 6, e28645	3.7	14
28	Using expert opinion surveys to rank threats to endangered species: a case study with sea turtles. *Conservation Biology*, **2010**, 24, 1586-95	6	80

27	Protecting islands from pest invasion: optimal allocation of biosecurity resources between quarantine and surveillance. *Biological Conservation*, **2010**, 143, 1068-1078	6.2	47
26	Bird demographic responses to predator removal programs. *Biological Invasions*, **2010**, 12, 3839-3859	2.7	60
25	Debt investment as a tool for value transfer in biodiversity conservation. *Conservation Letters*, **2009** , 2, 233-239	6.9	11
24	Stakeholder objective preferences in Australian Commonwealth managed fisheries. *Marine Policy*, **2009**, 33, 750-758	3.5	61
23	Uses and misuses of multicriteria decision analysis (MCDA) in environmental decision making. *Risk Analysis*, **2009**, 29, 26-33	3.9	108
22	Spatial fisheries management: A framework for multi-objective qualitative assessment. *Ocean and Coastal Management*, **2009**, 52, 130-138	3.9	43
21	Cost-effective suppression and eradication of invasive predators. *Conservation Biology*, **2008**, 22, 89-98	6	46
20	Diversity, invasive species and extinctions in insular ecosystems. *Journal of Applied Ecology*, **2008**, 45, 1114-1123	5.8	51
19	State-space models of individual animal movement. *Trends in Ecology and Evolution*, **2008**, 23, 87-94	10.9	586
18	Integrating invasive mammal eradications and biodiversity offsets for fisheries bycatch: conservation opportunities and challenges for seabirds and sea turtles. *Biological Invasions*, **2008**, 10, 1053-1060	2.7	30
17	How patch configuration affects the impact of disturbances on metapopulation persistence. *Theoretical Population Biology*, **2007**, 72, 77-85	1.2	52
16	Dynamics of fish in Australian desert springs: role of large-mammal disturbance. *Diversity and Distributions*, **2007**, 13, 789-798	5	7
15	Fine scale patterns of migration and gene flow in the endangered mound spring snail, Fonscochlea accepta (Mollusca:Hydrobiidae) in arid Australia. *Conservation Genetics*, **2007**, 8, 617-628	2.6	21
14	Compensatory mitigation: the authors reply. *Frontiers in Ecology and the Environment*, **2007**, 5, 521-522	5.5	
13	Compensatory mitigation as a solution to fisheries bycatchBiodiversity conservation conflicts. *Frontiers in Ecology and the Environment*, **2007**, 5, 325-331	5.5	57
12	The role of habitat disturbance and recovery in metapopulation persistence. *Ecology*, **2006**, 87, 855-63	4.6	51
11	Presence-absence versus abundance data for monitoring threatened species. *Conservation Biology*, **2006**, 20, 1679-87	6	129
10	A simple, rapid method for mapping bathymetry of small wetland basins. *Journal of Hydrology*, **2005**, 301, 29-36	6	16

9	Characterization of microsatellite loci in the endemic mound spring snail Fonscochlea accepta and cross species amplification in four other hydrobiid snails. *Molecular Ecology Notes*, **2005**, 5, 205-207		6
8	Habitat selection and population regulation in temporally fluctuating environments. *American Naturalist*, **2004**, 164, E103-14	3.7	36
7	The effect of density-dependent catastrophes on population persistence time. *Journal of Applied Ecology*, **2003**, 40, 859-871	5.8	20
6	Do Commercial Fishers Aggregate around Marine Reserves? Evidence from Big Creek Marine Ecological Reserve, Central California. *North American Journal of Fisheries Management*, **2003**, 23, 241-250	1.1	33
5	DO LIFE HISTORY TRAITS AFFECT THE ACCURACY OF DIFFUSION APPROXIMATIONS FOR MEAN TIME TO EXTINCTION? **2002**, 12, 1163-1179		18
4	The effect of feral cats on the population viability of black-vented shearwaters (Puffinus opisthomelas) on Natividad Island, Mexico. *Animal Conservation*, **2002**, 5, 217-223	3.2	64
3	Precision of Population Viability Analysis. *Conservation Biology*, **2002**, 16, 258-261	6	146
2	Evidence that predator satiation may restrict the spatial spread of a tussock moth (Orgyia vetusta) outbreak. *Oecologia*, **1995**, 101, 309-316	2.9	25
1	Human Population Density is a Poor Predictor of Debris in the Environment. *Frontiers in Environmental Science*,9,	4.8	8