David S Schoeman

List of Publications by Year
in descending order

105 papers	10,888 citations	81434 41 h-index	36203 101 g-index
111 all docs	111 docs citations	111 times ranked	14539 citing authors

#	Article	IF	Citations
1	Towards climate-smart, three-dimensional protected areas for biodiversity conservation in the high seas. Nature Climate Change, 2022, 12, 402-407.	8.1	20
2	Opposing life stageâ€specific effects of ocean warming at source and sink populations of rangeâ€shifting coralâ€reef fishes. Journal of Animal Ecology, 2021, 90, 615-627.	1.3	3
3	Natural and anthropogenic climate variability shape assemblages of rangeâ€extending coralâ€reef fishes. Journal of Biogeography, 2021, 48, 1063-1075.	1.4	6
4	Global warming is causing a more pronounced dip in marine species richness around the equator. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	125
5	Hemispheric asymmetry in ocean change and the productivity of ecosystem sentinels. Science, 2021, 372, 980-983.	6.0	38
6	Achieving sustainable and climateâ€resilient fisheries requires marine ecosystem forecasts to include fish condition. Fish and Fisheries, 2021, 22, 1067-1084.	2.7	15
7	First report of Kudoa thunni and Kudoa musculoliquefaciens affecting the quality of commercially harvested yellowfin tuna and broadbill swordfish in Eastern Australia. Parasitology Research, 2021, 120, 2493-2503.	0.6	4
8	Quantifying finer-scale behaviours using self-organising maps (SOMs) to link accelerometery signatures with behavioural patterns in free-roaming terrestrial animals. Scientific Reports, 2021, 11, 13566.	1.6	4
9	Testing Bergmann's rule in marine copepods. Ecography, 2021, 44, 1283-1295.	2.1	28
10	Incorporating climate velocity into the design of climateâ€smart networks of marine protected areas. Methods in Ecology and Evolution, 2021, 12, 1969-1983.	2.2	22
11	Fitness benefits of male dominance behaviours depend on the degree of individual inbreeding in a polyandrous lizard. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200097.	1.2	4
12	Dietary generalism accelerates arrival and persistence of coralâ€reef fishes in their novel ranges under climate change. Global Change Biology, 2020, 26, 5564-5573.	4.2	28
13	A current affair: entanglement of humpback whales in coastal sharkâ€control nets. Remote Sensing in Ecology and Conservation, 2020, 6, 119-128.	2.2	18
14	Marine heat waves threaten kelp forests. Science, 2020, 367, 635-635.	6.0	52
15	Climate velocity reveals increasing exposure of deep-ocean biodiversity to future warming. Nature Climate Change, 2020, 10, 576-581.	8.1	99
16	Robust science underpinning legislation can create better outcomes for threatened species impacted by infrastructure projects. Animal Conservation, 2019, 22, 328-330.	1.5	2
17	Extreme Marine Heatwaves Alter Kelp Forest Community Near Its Equatorward Distribution Limit. Frontiers in Marine Science, 2019, 6, .	1.2	126
18	VoCC: An <scp>r</scp> package for calculating the velocity of climate change and related climatic metrics. Methods in Ecology and Evolution, 2019, 10, 2195-2202.	2.2	42

#	Article	IF	Citations
19	Sea animals are more vulnerable to warming than are land ones. Nature, 2019, 569, 50-51.	13.7	6
20	Comparing random forests and convoluted neural networks for mapping ghost crab burrows using imagery from an unmanned aerial vehicle. Estuarine, Coastal and Shelf Science, 2019, 224, 84-93.	0.9	5
21	Better Model Transfers Require Knowledge of Mechanisms. Trends in Ecology and Evolution, 2019, 34, 489-490.	4.2	10
22	Effect of introduced Casuarina trees on the vulnerability of sea turtle nesting beaches to erosion. Estuarine, Coastal and Shelf Science, 2019, 223, 147-158.	0.9	10
23	Ocean community warming responses explained by thermal affinities and temperature gradients. Nature Climate Change, 2019, 9, 959-963.	8.1	134
24	Open access solutions for biodiversity journals: Do not replace one problem with another. Diversity and Distributions, 2019, 25, 5-8.	1.9	19
25	Larval and early juvenile culture of two giant clam (Tridacninae) hybrids. Aquaculture, 2019, 500, 500-505.	1.7	10
26	Environmental impact assessments can misrepresent species distributions: a case study of koalas in Queensland, Australia. Animal Conservation, 2019, 22, 314-323.	1.5	16
27	Classification of marine bioregions on the east coast of South Africa. African Journal of Marine Science, 2018, 40, 51-65.	0.4	10
28	Like night and day: Reversals of thermal gradients across ghost crab burrows and their implications for thermal ecology. Estuarine, Coastal and Shelf Science, 2018, 203, 127-136.	0.9	12
29	Use of total allowable catch to regulate a selective marine aquarium fishery. Marine Policy, 2018, 90, 160-167.	1.5	7
30	Climate Velocity Can Inform Conservation in a Warming World. Trends in Ecology and Evolution, 2018, 33, 441-457.	4.2	124
31	Eastern water dragons modify their social tactics with respect to the location within their home range. Animal Behaviour, 2018, 144, 27-36.	0.8	14
32	Outstanding Challenges in the Transferability of Ecological Models. Trends in Ecology and Evolution, 2018, 33, 790-802.	4.2	403
33	Quantifying trends and predictors of decline in eastern grey kangaroo (Macropus giganteus) populations in a rapidly urbanising landscape. Pacific Conservation Biology, 2018, 24, 63.	0.5	13
34	Umbrellas can work under water: Using threatened species as indicator and management surrogates can improve coastal conservation. Estuarine, Coastal and Shelf Science, 2017, 199, 132-140.	0.9	41
35	Ecological research questions to inform policy and the management of sandy beaches. Ocean and Coastal Management, 2017, 148, 158-163.	2.0	21
36	Resource utilization and trophic niche width in sandy beach macrobenthos from an oligotrophic coast. Estuarine, Coastal and Shelf Science, 2017, 184, 115-125.	0.9	13

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37	Macroscale patterns in body size of intertidal crustaceans provide insights on climate change effects. PLoS ONE, 2017, 12, e0177116.	1.1	18
38	Responses of Marine Organisms to Climate Change across Oceans. Frontiers in Marine Science, 2016, 3, .	1.2	624
39	Ecological and methodological drivers of speciesâ€™ distribution and phenology responses to climate change. Global Change Biology, 2016, 22, 1548-1560.	4.2	162
40	Resource type influences the effects of reserves and connectivity on ecological functions. Journal of Animal Ecology, 2016, 85, 437-444.	1.3	14
41	Estimating animal populations and body sizes from burrows: Marine ecologists have their heads buried in the sand. Journal of Sea Research, 2016, 112, 55-64.	0.6	36
42	Combined effects of urbanization and connectivity on iconic coastal fishes. Diversity and Distributions, 2016, 22, 1328-1341.	1.9	44
43	Frequency and distribution of melanistic morphs in coexisting population of nine clownfish species in Papua New Guinea. Marine Biology, 2016, 163, 1.	0.7	27
44	Functional replacement across species pools of vertebrate scavengers separated at a continental scale maintains an ecosystem function. Functional Ecology, 2016, 30, 998-1005.	1.7	25
45	Human threats to sandy beaches: A meta-analysis of ghost crabs illustrates global anthropogenic impacts.. Estuarine, Coastal and Shelf Science, 2016, 169, 56-73.	0.9	108
46	Climate velocity and the future global redistribution of marine biodiversity. Nature Climate Change, 2016, 6, 83-88.	8.1	405
47	Optimising Land-Sea Management for Inshore Coral Reefs. PLoS ONE, 2016, 11, e0164934.	1.1	20
48	Regional drivers of clutch loss reveal important trade-offs for beach-nesting birds. PeerJ, 2016, 4, e2460.	0.9	19
49	Re-framing values for a World Heritage future: what type of icon will K'gari-Fraser Island become?. Australasian Journal of Environmental Management, 2015, 22, 124-148.	0.6	21
50	Under Pressure: Climate Change, Upwelling, and Eastern Boundary Upwelling Ecosystems. Frontiers in Marine Science, 2015, 2, .	1.2	155
51	Edging along a Warming Coast: A Range Extension for a Common Sandy Beach Crab. PLoS ONE, 2015, 10, e0141976.	1.1	26
52	Golden opportunities: A horizon scan to expand sandy beach ecology. Estuarine, Coastal and Shelf Science, 2015, 157, 1-6.	0.9	47
53	Ocean zoning for conservation, fisheries and marine renewable energy: Assessing trade-offs and co-location opportunities. Journal of Environmental Management, 2015, 152, 201-209.	3.8	82
54	Invasive carnivores alter ecological function and enhance complementarity in scavenger assemblages on ocean beaches. Ecology, 2015, 96, 2715-2725.	1.5	49

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55	Quantifying cumulative threats to sandy beach ecosystems: A tool to guide ecosystem-based management beyond coastal reserves. Ocean and Coastal Management, 2015, 110, 12-24.	2.0	53
56	Strengthening confidence in climate change impact science. Global Ecology and Biogeography, 2015, 24, 64-76.	2.7	45
57	Incorporating the spatial access priorities of fishers into strategic conservation planning and marine protected area design: reducing cost and increasing transparency. ICES Journal of Marine Science, 2015, 72, 587-594.	1.2	15
58	Conservation gone to the dogs: when canids rule the beach in small coastal reserves. Biodiversity and Conservation, 2015, 24, 493-509.	1.2	37
59	Limited functional redundancy in vertebrate scavenger guilds fails to compensate for the loss of raptors from urbanized sandy beaches. Diversity and Distributions, 2015, 21, 55-63.	1.9	55
60	Conservation Benefits of Marine Reserves are Undiminished Near Coastal Rivers and Cities. Conservation Letters, 2015, 8, 312-319.	2.8	23
61	Open-coast sandy beaches and coastal dunes. , 2014, , 37-94.		18
62	Longâ€term monitoring reveals differing impacts of elephants on elements of a canopy shrub community. Ecological Applications, 2014, 24, 2002-2012.	1.8	15
63	Geographical limits to species-range shifts are suggested by climate velocity. Nature, 2014, 507, 492-495.	13.7	436
64	Climateâ€change impacts on sandyâ€beach biota: crossing a line in the sand. Global Change Biology, 2014, 20, 2383-2392.	4.2	71
65	The status of sandy beach science: Past trends, progress, and possible futures. Estuarine, Coastal and Shelf Science, 2014, 150, 1-10.	0.9	97
66	Metrics to assess ecological condition, change, and impacts in sandy beach ecosystems. Journal of Environmental Management, 2014, 144, 322-335.	3.8	65
67	Using multivariate statistics to explore tradeâ€offs among spatial planning scenarios. Journal of Applied Ecology, 2014, 51, 1504-1514.	1.9	30
68	Climate change and wind intensification in coastal upwelling ecosystems. Science, 2014, 345, 77-80.	6.0	443
69	Rich diversity, strong endemism, but poor protection: addressing the neglect of sandy beach ecosystems in coastal conservation planning. Diversity and Distributions, 2014, 20, 1120-1135.	1.9	53
70	Setting conservation targets for sandy beach ecosystems. Estuarine, Coastal and Shelf Science, 2014, 150, 45-57.	0.9	37
71	Global imprint of climate change on marine life. Nature Climate Change, 2013, 3, 919-925.	8.1	1,602
72	Intertidal habitat composition and regional-scale shoreline morphology along the Benguela coast. Journal of Coastal Conservation, 2013, 17, 143-154.	0.7	14

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73	Urbanisation alters processing of marine carrion on sandy beaches. Landscape and Urban Planning, 2013, 119, 1-8.	3.4	80
74	Relative influence of oceanic and terrestrial pressure systems in driving upwellingâ€favorable winds. Geophysical Research Letters, 2013, 40, 5311-5315.	1.5	13
75	Beyond climate change attribution in conservation and ecological research. Ecology Letters, 2013, 16, 58-71.	3.0	167
76	International, regional and national commitments meet local implementation: A case study of marine conservation in Northern Ireland. Marine Policy, 2013, 38, 140-150.	1.5	17
77	The Coral Sea. Advances in Marine Biology, 2013, 66, 213-290.	0.7	51
78	Donor-Control of Scavenging Food Webs at the Land-Ocean Interface. PLoS ONE, 2013, 8, e68221.	1.1	40
79	Spatial Access Priority Mapping (SAPM) with Fishers: A Quantitative GIS Method for Participatory Planning. PLoS ONE, 2013, 8, e68424.	1.1	42
80	Shift in Black Rhinoceros Diet in the Presence of Elephant: Evidence for Competition?. PLoS ONE, 2013, 8, e69771.	1.1	46
81	Climate change and marine life. Biology Letters, 2012, 8, 907-909.	1.0	60
82	Invasive Species Unchecked by Climateâ€"Response. Science, 2012, 335, 538-539.	6.0	3
83	Development of low-cost image mosaics of hard-bottom sessile communities using SCUBA: comparisons of optical media and of proxy measures of community structure. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 49-62.	0.4	13
84	Influence of heterotrophic feeding on the survival and tissue growth rates of Galaxea fascicularis (Octocorralia: Occulinidae) in aquaria. Aquaculture, 2012, 330-333, 156-161.	1.7	8
85	Shell Use, Population Structure, and Reproduction of the Hermit Crab, Clibanarius virescens (Kraus,) Tj ETQq1 1 0.784314 rgBT /Overl	0.3	7
86	Understanding Long-Term Variations in an Elephant Piosphere Effect to Manage Impacts. PLoS ONE, 2012, 7, e45334.	1.1	36
87	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. Science, 2011, 334, 652-655.	6.0	1,062
88	Complex, Dynamic Combination of Physical, Chemical and Nutritional Variables Controls Spatio-Temporal Variation of Sandy Beach Community Structure. PLoS ONE, 2011, 6, e23724.	1.1	45
89	The value of attribution. Nature Climate Change, 2011, 1, 70-71.	8.1	11
90	Quantitative approaches in climate change ecology. Global Change Biology, 2011, 17, 3697-3713.	4.2	121

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91	Mapping beach morphodynamics remotely: A novel application tested on South African sandy shores. Estuarine, Coastal and Shelf Science, 2011, 92, 78-89.	0.9	66
92	An evaluation of acoustic seabed classification techniques for marine biotope monitoring over broad-scales (>1Âkm2) and meso-scales (10Âm2â€“1Âkm2). Estuarine, Coastal and Shelf Science, 2011, 93, 336-349.	0.9	38
93	Swashed away? Storm impacts on sandy beach macrofaunal communities. Estuarine, Coastal and Shelf Science, 2011, 94, 210-221.	0.9	35
94	Development of benthic monitoring methods using photoquadrats and scuba on heterogeneous hardâ€substrata: a boulderâ€slope community case study. Aquatic Conservation: Marine and Freshwater Ecosystems, 2011, 21, 676-689.	0.9	16
95	Fixedâ€station monitoring of a harbour wall community: the utility of lowâ€cost photomosaics and scuba on hardâ€substrata. Aquatic Conservation: Marine and Freshwater Ecosystems, 2011, 21, 690-703.	0.9	6
96	Give Beach Ecosystems Their Day in the Sun. Science, 2010, 329, 1146-1146.	6.0	88
97	Threats to sandy beach ecosystems: A review. Estuarine, Coastal and Shelf Science, 2009, 81, 1-12.	0.9	910
98	Evidenceâ€based conservation management of elephants: the case of the Important Plants in Addo Elephant National Park, South Africa. Journal of Zoology, 2009, 277, 108-110.	0.8	0
99	Sandy beach ecosystems: key features, sampling issues, management challenges and climate change impacts. Marine Ecology, 2008, 29, 70-90.	0.4	352
100	Measuring species richness on sandy beach transects: extrapolative estimators and their implications for sampling effort. Marine Ecology, 2008, 29, 134-149.	0.4	23
101	From beans to breams: how participatory workshops can contribute to marine conservation planning. African Journal of Marine Science, 2008, 30, 475-487.	0.4	11
102	Relevance of elephant herbivory as a threat to Important Plants in the Addo Elephant National Park, South Africa. Journal of Zoology, 2007, 274, 070824081249002-???.	0.8	45
103	Sandy beaches at the brink. Diversity and Distributions, 2007, 13, 556-560.	1.9	333
104	Climate Impact on Plankton Ecosystems in the Northeast Atlantic. Science, 2004, 305, 1609-1612.	6.0	622
105	The Commercial Fisheries forJasus andPalinurus Species in the South-East Atlantic and South-West Indian Oceans. , 0, , 105-120.		18