

Paul A Butcher

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

1,940
citations

257450

24
h-index

330143

37
g-index

99
all docs

99
docs citations

99
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting intraspecific changes in distribution of a wide-ranging marine predator under climate change. <i>Oecologia</i> , 2022, 198, 111-124.	2.0	18
2	Foraging plasticity diversifies mercury exposure sources and bioaccumulation patterns in the world's largest predatory fish. <i>Journal of Hazardous Materials</i> , 2022, 425, 127956.	12.4	6
3	Integrating Biologging and Behavioral State Modeling to Identify Cryptic Behaviors and Post-capture Recovery Processes: New Insights From a Threatened Marine Apex Predator. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	5
4	Responses of bottlenose dolphins (<i>Tursiops</i> spp.) to small drones. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 677-684.	2.0	21
5	Effective number of white shark (<i>Carcharodon carcharias</i> , Linnaeus) breeders is stable over four successive years in the population adjacent to eastern Australia and New Zealand. <i>Ecology and Evolution</i> , 2021, 11, 186-198.	1.9	6
6	White shark behaviour altered by stranded whale carcasses: Insights from drones and implications for beach management. <i>Ocean and Coastal Management</i> , 2021, 200, 105477.	4.4	9
7	Oceanographic conditions associated with white shark (<i>Carcharodon carcharias</i>) habitat use along eastern Australia. <i>Marine Ecology - Progress Series</i> , 2021, 659, 143-159.	1.9	18
8	Determining effective acoustic array design for monitoring presence of white sharks <i>Carcharodon carcharias</i> in nearshore habitats. <i>Marine Biology</i> , 2021, 168, 1.	1.5	1
9	The power of national acoustic tracking networks to assess the impacts of human activity on marine organisms during the COVID-19 pandemic. <i>Biological Conservation</i> , 2021, 256, 108995.	4.1	26
10	Continental-scale acoustic telemetry and network analysis reveal new insights into stock structure. <i>Fish and Fisheries</i> , 2021, 22, 987-1005.	5.3	18
11	Development of an environmental DNA assay for detecting multiple shark species involved in human-shark conflicts in Australia. <i>Environmental DNA</i> , 2021, 3, 940-949.	5.8	4
12	The effectiveness of Shark Management Alert in Real Time (SMART) drumlines as a tool for catching white sharks, <i>Carcharodon carcharias</i> , off coastal New South Wales, Australia. <i>Fisheries Management and Ecology</i> , 2021, 28, 496-506.	2.0	22
13	Identifying optimal wavelengths to maximise the detection rates of marine fauna from aerial surveys. <i>Biological Conservation</i> , 2021, 257, 109102.	4.1	10
14	Community sentiment on whale carcass beach burial and potential shark attraction. <i>Regional Studies in Marine Science</i> , 2021, 45, 101817.	0.7	0
15	Continental-Scale Network Reveals Cross-Jurisdictional Movements of Sympatric Sharks With Implications for Assessment and Management. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
16	Quantifying human use of sandy shores with aerial remote sensing technology: The sky is not the limit. <i>Ocean and Coastal Management</i> , 2021, 211, 105750.	4.4	8
17	Shark behaviour and marine faunal assemblage beneath SMART drumlines. <i>Fisheries Research</i> , 2021, 243, 106102.	1.7	5
18	The Drone Revolution of Shark Science: A Review. <i>Drones</i> , 2021, 5, 8.	4.9	66

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19	Assessing variation in assemblages of large marine fauna off ocean beaches using drones. <i>Marine and Freshwater Research</i> , 2020, 71, 68.	1.3	70
20	Comparison of sampling precision for nearshore marine wildlife using unmanned and manned aerial surveys. <i>Journal of Unmanned Vehicle Systems</i> , 2020, 8, 30-43.	1.2	33
21	Variation in cownose ray <i>Rhinoptera neglecta</i> abundance and group size on the central east coast of Australia. <i>Journal of Fish Biology</i> , 2020, 96, 427-433.	1.6	15
22	Operational Protocols for the Use of Drones in Marine Animal Research. <i>Drones</i> , 2020, 4, 64.	4.9	78
23	Beach-user perceptions and attitudes towards drone surveillance as a shark-bite mitigation tool. <i>Marine Policy</i> , 2020, 120, 104127.	3.2	28
24	Habitat use and movement patterns of tiger sharks (<i>Galeocerdo cuvier</i>) in eastern Australian waters. <i>ICES Journal of Marine Science</i> , 2020, 77, 3127-3137.	2.5	13
25	Assessing the viability of small aerial drones to quantify recreational fishers. <i>Fisheries Management and Ecology</i> , 2020, 27, 615-621.	2.0	21
26	Assessing White Shark (<i>Carcharodon carcharias</i>) Behavior Along Coastal Beaches for Conservation-Focused Shark Mitigation. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	34
27	Aerial drone technology can assist compliance of trap fisheries. <i>Fisheries Management and Ecology</i> , 2020, 27, 381-388.	2.0	14
28	Spatiotemporal distribution patterns of immature Australasian white sharks (<i>Carcharodon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	3.3	38
29	Comparing distributions of white, bull, and tiger sharks near and away from the surf break using three tech-based methods. <i>Ocean and Coastal Management</i> , 2020, 198, 105366.	4.4	7
30	Environmental conditions are poor predictors of immature white shark <i>Carcharodon carcharias</i> occurrences on coastal beaches of eastern Australia. <i>Marine Ecology - Progress Series</i> , 2020, 653, 167-179.	1.9	28
31	The Application of UAVs to Inform Coastal Area Management. , 2020, , 261-270.		0
32	The acute physiological status of white sharks (<i>Carcharodon carcharias</i>) exhibits minimal variation after capture on SMART drumlines. , 2019, 7, coz042.		18
33	Whale carcass leachate plumes in beach groundwater: A potential shark attractant to the surf?. <i>Marine Pollution Bulletin</i> , 2019, 140, 219-226.	5.0	8
34	Life history of the common blacktip shark, <i>Carcharhinus limbatus</i> , from central eastern Australia and comparative demography of a cryptic shark complex. <i>Marine and Freshwater Research</i> , 2019, 70, 834.	1.3	7
35	Drones detect illegal and derelict crab traps in a shallow water estuary. <i>Fisheries Management and Ecology</i> , 2019, 26, 311-318.	2.0	19
36	Using drones to quantify beach users across a range of environmental conditions. <i>Journal of Coastal Conservation</i> , 2019, 23, 633-642.	1.6	18

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37	Whale carcass scavenging by sharks. <i>Global Ecology and Conservation</i> , 2019, 19, e00655.	2.1	19
38	Introgressive hybridisation between two widespread sharks in the east Pacific region. <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 119-127.	2.7	21
39	Reliability of marine faunal detections in drone-based monitoring. <i>Ocean and Coastal Management</i> , 2019, 174, 108-115.	4.4	69
40	Beach safety: can drones provide a platform for sighting sharks?. <i>Wildlife Research</i> , 2019, 46, 701.	1.4	66
41	Comparative population genomics confirms little population structure in two commercially targeted carcharhinid sharks. <i>Marine Biology</i> , 2019, 166, 1.	1.5	24
42	Fate of yellowfin bream, <i>Acanthopagrus australis</i> after ingesting offset and/or inline barbed and barbless J and circle hooks. <i>Fisheries Research</i> , 2019, 211, 183-190.	1.7	1
43	Effects of short-term capture on the physiology of white sharks <i>Carcharodon carcharias</i> : amino acids and fatty acids. <i>Endangered Species Research</i> , 2019, 40, 297-308.	2.4	15
44	Environmental drivers of abundance and residency of a large migratory shark, <i>Carcharhinus leucas</i> , inshore of a dynamic western boundary current. <i>Marine Ecology - Progress Series</i> , 2019, 622, 121-137.	1.9	37
45	The potential for unmanned aerial vehicles (UAVs) to conduct marine fauna surveys in place of manned aircraft. <i>ICES Journal of Marine Science</i> , 2018, 75, 1-8.	2.5	120
46	Real-Time Drone Surveillance and Population Estimation of Marine Animals from Aerial Imagery. , 2018, , .		6
47	Future Research Directions on the ‘Elusive’ White Shark. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	56
48	Ingestion of inorganic mercury by juvenile black tiger prawns (<i>Penaeus monodon</i>) alters biochemical markers. <i>Ecotoxicology</i> , 2018, 27, 1225-1236.	2.4	8
49	Improving reliability of species identification and logbook catch reporting by commercial fishers in an Australian demersal shark longline fishery. <i>Fisheries Management and Ecology</i> , 2018, 25, 186-202.	2.0	12
50	Whale carcass strandings on beaches: Management challenges, research needs, and examples from Australia. <i>Ocean and Coastal Management</i> , 2018, 163, 323-338.	4.4	15
51	The chemical signature of retained hooks in mulloway (<i>Argyrosomus japonicus</i>) revealed by otolith microchemistry. <i>Fisheries Research</i> , 2017, 186, 658-664.	1.7	6
52	Escape gaps in recreational panulirid traps: Reducing catches of undersized <i>Sagmariasus verreauxi</i> while increasing fishing power for legal sizes. <i>Fisheries Research</i> , 2017, 189, 55-61.	1.7	10
53	Sublethal effects of angling and release on golden perch <i>Macquaria ambigua</i> : implications for reproduction and fish health. <i>Journal of Fish Biology</i> , 2017, 90, 1980-1998.	1.6	3
54	Geochemistry and mercury contamination in receiving environments of artisanal mining wastes and identified concerns for food safety. <i>Environmental Research</i> , 2017, 152, 407-418.	7.5	38

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55	Relative efficiencies and durabilities of recreational hoop- and lift-nets targeting two Australian portunids. <i>Fisheries Research</i> , 2016, 179, 115-123.	1.7	5
56	Behavioural and biochemical alterations in <i>Penaeus monodon</i> post-larvae diet-exposed to inorganic mercury. <i>Chemosphere</i> , 2016, 164, 241-247.	8.2	9
57	Angling for endangered fish: conservation problem or conservation action?. <i>Fish and Fisheries</i> , 2016, 17, 249-265.	5.3	70
58	Movements and mortality of two commercially exploited carcharhinid sharks following longline capture and release off eastern Australia. <i>Endangered Species Research</i> , 2016, 30, 193-208.	2.4	18
59	Influences of twine diameter and mesh area on the efficiency and durability of baited hoop nets targeting portunids. <i>Fisheries Management and Ecology</i> , 2015, 22, 488-500.	2.0	6
60	Metal and metalloid concentrations in the tissues of dusky <i>Carcharhinus obscurus</i> , sandbar <i>C. plumbeus</i> and white <i>Carcharodon carcharias</i> sharks from south-eastern Australian waters, and the implications for human consumption. <i>Marine Pollution Bulletin</i> , 2015, 92, 186-194.	5.0	25
61	Age validation in the Lutjanidae: A review. <i>Fisheries Research</i> , 2015, 167, 48-63.	1.7	14
62	At-vessel mortality and blood biochemical status of elasmobranchs caught in an Australian commercial longline fishery. <i>Global Ecology and Conservation</i> , 2015, 3, 878-889.	2.1	39
63	Variation in whole-, landed- and trimmed-carcass and fin-weight ratios for various sharks captured on demersal set-lines off eastern Australia. <i>Fisheries Research</i> , 2015, 167, 190-198.	1.7	6
64	Age and growth of mangrove red snapper <i>Lutjanus argentimaculatus</i> at its cool-water range limits. <i>Journal of Fish Biology</i> , 2015, 86, 1587-1600.	1.6	13
65	Bioaccumulation of PCBs in liver tissue of dusky <i>Carcharhinus obscurus</i> , sandbar <i>C. plumbeus</i> and white <i>Carcharodon carcharias</i> sharks from south-eastern Australian waters. <i>Marine Pollution Bulletin</i> , 2015, 101, 908-913.	5.0	17
66	Angling-Induced Barotrauma in Snapper <i>Chrysophrys auratus</i> : Are There Consequences for Reproduction?. <i>PLoS ONE</i> , 2015, 10, e0119158.	2.5	5
67	Effects of Mesh Size and Escape Gaps on Discarding in an Australian Giant Mud Crab (<i>Scylla serrata</i>) Trap Fishery. <i>PLoS ONE</i> , 2014, 9, e106414.	2.5	22
68	Temporal hooking variability among sharks on south-eastern Australian demersal longlines and implications for their management. <i>Global Ecology and Conservation</i> , 2014, 2, 181-189.	2.1	13
69	Clinical signs of barotrauma in golden perch, <i>Macquaria ambigua</i> (<i>Richardson</i>), and associated effects on post-release mortality and health. <i>Journal of Fish Diseases</i> , 2014, 37, 251-264.	1.9	8
70	Absorption of metals in mulloway (<i>Argyrosomus japonicus</i>) after ingesting nickel-plated carbon-steel hooks. <i>Marine Environmental Research</i> , 2014, 99, 188-197.	2.5	5
71	Long-term effects of marine park zoning on giant mud crab <i>Scylla serrata</i> populations in three Australian estuaries. <i>Marine Ecology - Progress Series</i> , 2014, 508, 163-176.	1.9	2
72	Relative trap efficiency for recreationally caught eastern Australian blue swimmer crab (<i>Portunus</i>)	1.7	23

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73	Physical damage, behaviour and post-release mortality of <i>Argyrosomus japonicus</i> after barotrauma and treatment. African Journal of Marine Science, 2013, 35, 511-521.	1.1	7
74	Damage and physiological stress to juvenile eastern rock lobster (<i>Sagmariasus verreauxi</i>) discarded after trapping and hand collection. Fisheries Research, 2013, 137, 63-70.	1.7	17
75	Giant mud crab (<i>Scylla serrata</i>): relative efficiencies of common baited traps and impacts on discards. ICES Journal of Marine Science, 2012, 69, 1511-1522.	2.5	40
76	Catch-and-release angling mortality of south-eastern Australian <i>Pomatomus saltatrix</i> . African Journal of Marine Science, 2012, 34, 289-295.	1.1	8
77	Assessing barotrauma among angled snapper (<i>Pagrus auratus</i>) and the utility of release methods. Fisheries Research, 2012, 127-128, 49-55.	1.7	30
78	Post-release mortality of angled golden perch <i>Macquaria ambigua</i> and Murray cod <i>Maccullochella peelii</i> .	2.0	11
79	Resilience of inshore, juvenile snapper <i>Pagrus auratus</i> to angling and release. Journal of Fish Biology, 2012, 80, 638-650.	1.6	9
80	Post-release mortality of angled sand mullet (<i>Myxus elongatus</i> : Mugilidae). Fisheries Research, 2011, 107, 272-275.	1.7	3
81	Using a multi-experimental approach to assess the fate of angled-and-released yellowtail kingfish (<i>Seriola lalandi</i>). ICES Journal of Marine Science, 2011, 68, 67-75.	2.5	11
82	Fate of three Australian teleosts after ingesting conventional and modified stainless- and carbon-steel hooks. ICES Journal of Marine Science, 2011, 68, 2114-2122.	2.5	13
83	Post-release survival and physiology of angled luderick (<i>Girella tricuspidata</i>) after confinement in keeper nets in an Australian estuary. ICES Journal of Marine Science, 2011, 68, 572-579.	2.5	11
84	Reviewing hook degradation to promote ejection after ingestion by marine fish. Marine and Freshwater Research, 2011, 62, 1237.	1.3	11
85	Scale loss and mortality in angled-and-released eastern sea garfish (<i>Hyporhamphus australis</i>). ICES Journal of Marine Science, 2010, 67, 522-529.	2.5	10
86	Using biotelemetry to assess the mortality and behaviour of yellowfin bream (<i>Acanthopagrus</i>) overlock 10 Tf 50 222	2.5	21
87	Mortality and blood loss by blue swimmer crabs (<i>Portunus pelagicus</i>) after simulated capture and discarding from gillnets. ICES Journal of Marine Science, 2009, 66, 455-461.	2.5	29
88	Short-term mortality of Australian bass, <i>Macquaria novemaculeata</i> , after catch-and-release angling. Fisheries Management and Ecology, 2009, 16, 235-247.	2.0	12
89	Effects of salinity and anatomical hook location on the mortality and physiological response of angled-and-released sand whiting <i>Sillago ciliata</i> . Journal of Fish Biology, 2009, 74, 220-234.	1.6	10
90	Effects of angling on post-release mortality, gonadal development and somatic condition of Australian bass <i>Macquaria novemaculeata</i> . Journal of Fish Biology, 2009, 75, 2737-2755.	1.6	29

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91	Effects of angler-induced exercise and air exposure on the mortality of mouth-hooked yellowfin bream (<i>Acanthopagrus australis</i>). <i>Journal of Applied Ichthyology</i> , 2009, 25, 100-103.	0.7	6
92	Influence of terminal rig configuration on the anatomical hooking location of line-caught yellowfin bream, <i>Acanthopagrus australis</i> . <i>Fisheries Management and Ecology</i> , 2008, 15, 303-313.	2.0	13
93	Mortality and physical damage of angled-and-released dusky flathead <i>Platycephalus fuscus</i> . <i>Diseases of Aquatic Organisms</i> , 2008, 81, 127-134.	1.0	14
94	Release method and anatomical hook location: effects on short-term mortality of angler-caught <i>Acanthopagrus australis</i> and <i>Argyrosomus japonicus</i> . <i>Diseases of Aquatic Organisms</i> , 2007, 74, 17-26.	1.0	39
95	Ingestion and ejection of hooks: effects on long-term health and mortality of angler-caught yellowfin bream <i>Acanthopagrus australis</i> . <i>Diseases of Aquatic Organisms</i> , 2007, 74, 27-36.	1.0	33
96	Mortality of sand whiting (<i>Sillago ciliata</i>) released by recreational anglers in an Australian estuary. <i>ICES Journal of Marine Science</i> , 2006, 63, 567-571.	2.5	29