

Charlie Huveneers

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

3,742
citations

159585

30
h-index

182427

51
g-index

136
all docs

136
docs citations

136
times ranked

3375
citing authors

#	ARTICLE	IF	CITATIONS
1	Global spatial risk assessment of sharks under the footprint of fisheries. <i>Nature</i> , 2019, 572, 461-466.	27.8	254
2	What is Big BRUVver up to? Methods and uses of baited underwater video. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 53-73.	4.9	156
3	Australian and U.S. News Media Portrayal of Sharks and Their Conservation. <i>Conservation Biology</i> , 2013, 27, 187-196.	4.7	153
4	The influence of environmental parameters on the performance and detection range of acoustic receivers. <i>Methods in Ecology and Evolution</i> , 2016, 7, 825-835.	5.2	106
5	A field and video annotation guide for baited remote underwater stereo-video surveys of demersal fish assemblages. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1401-1409.	5.2	104
6	Spatial and temporal movement patterns of a multi-species coastal reef shark aggregation. <i>Marine Ecology - Progress Series</i> , 2011, 429, 261-275.	1.9	101
7	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021, 263, 109175.	4.1	96
8	Ghosts in the data: false detections in VEMCO pulse position modulation acoustic telemetry monitoring equipment. <i>Animal Biotelemetry</i> , 2015, 3, .	1.9	83
9	The economic value of shark-diving tourism in Australia. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 665-680.	4.9	77
10	Accelerometry estimates field metabolic rate in giant Australian cuttlefish <i>Sepia apama</i> during breeding. <i>Journal of Animal Ecology</i> , 2011, 80, 422-430.	2.8	76
11	Changes in Media Portrayal of Human-wildlife Conflict During Successive Fatal Shark Bites. <i>Conservation and Society</i> , 2018, 16, 338.	0.8	68
12	The effects of cage-diving activities on the fine-scale swimming behaviour and space use of white sharks. <i>Marine Biology</i> , 2013, 160, 2863-2875.	1.5	66
13	Swimming strategies and energetics of endothermic white sharks during foraging. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	63
14	Public Perception and Understanding of Shark Attack Mitigation Measures in Australia. <i>Human Dimensions of Wildlife</i> , 2014, 19, 154-165.	1.8	59
15	Turning wildlife experiences into conservation action: Can white shark cage-dive tourism influence conservation behaviour?. <i>Marine Policy</i> , 2018, 88, 108-115.	3.2	59
16	A standardised framework for analysing animal detections from automated tracking arrays. <i>Animal Biotelemetry</i> , 2018, 6, .	1.9	59
17	Respiratory mode and gear type are important determinants of elasmobranch immediate and post-release mortality. <i>Fish and Fisheries</i> , 2016, 17, 507-524.	5.3	56
18	Future Research Directions on the 'Elusive' White Shark. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	56

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19	Determining reproductive parameters for population assessments of chondrichthyan species with asynchronous ovulation and parturition: piked spurdog (<i>Squalus megalops</i>) as a case study. <i>Marine and Freshwater Research</i> , 2006, 57, 105.	1.3	55
20	Australia's continental-scale acoustic tracking database and its automated quality control process. <i>Scientific Data</i> , 2018, 5, 170206.	5.3	51
21	Continental-scale animal tracking reveals functional movement classes across marine taxa. <i>Scientific Reports</i> , 2018, 8, 3717.	3.3	47
22	Trophodynamics of the eastern Great Australian Bight ecosystem: Ecological change associated with the growth of Australia's largest fishery. <i>Ecological Modelling</i> , 2013, 255, 38-57.	2.5	43
23	Phylogeography of the copper shark (<i>Carcharhinus brachyurus</i>) in the southern hemisphere: implications for the conservation of a coastal apex predator. <i>Marine and Freshwater Research</i> , 2011, 62, 861.	1.3	40
24	Emerging challenges to shark-diving tourism. <i>Marine Policy</i> , 2018, 96, 9-12.	3.2	39
25	Quantitative diet assessment of wobbegong sharks (genus <i>Orectolobus</i>) in New South Wales, Australia. <i>ICES Journal of Marine Science</i> , 2007, 64, 1272-1281.	2.5	37
26	Patterns of abundance and size structure in the blue groper, <i>Achoerodus viridis</i> (Pisces, Labridae): evidence of links between estuaries and coastal reefs. <i>Environmental Biology of Fishes</i> , 1997, 49, 153-173.	1.0	36
27	Size isn't everything: movements, home range, and habitat preferences of eastern blue gropers (<i>Achoerodus viridis</i>) demonstrate the efficacy of a small marine reserve. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 174-186.	2.0	36
28	Genetic and reproductive evidence for two species of ornate wobbegong shark (<i>Orectolobus</i> spp.) on the Australian east coast. <i>Journal of Fish Biology</i> , 2008, 73, 1662-1675.	1.6	35
29	Abiotic and biotic drivers of fatty acid tracers in ecology: A global analysis of chondrichthyan profiles. <i>Functional Ecology</i> , 2019, 33, 1243-1255.	3.6	35
30	Optimising the design of large-scale acoustic telemetry curtains. <i>Marine and Freshwater Research</i> , 2017, 68, 1403.	1.3	33
31	Interacting with wildlife tourism increases activity of white sharks. , 2018, 6, coy019.		33
32	Effects of an Electric Field on White Sharks: In Situ Testing of an Electric Deterrent. <i>PLoS ONE</i> , 2013, 8, e62730.	2.5	31
33	Assessing the distribution and relative abundance of wobbegong sharks (<i>Orectolobidae</i>) in New South Wales, Australia, using recreational scuba-divers. <i>Aquatic Living Resources</i> , 2009, 22, 255-264.	1.2	30
34	Small home range in southern Australia's largest resident reef fish, the western blue groper (<i>Achoerodus gouldii</i>): implications for adequacy of no-take marine protected areas. <i>Marine and Freshwater Research</i> , 2012, 63, 552.	1.3	30
35	White Sharks Exploit the Sun during Predatory Approaches. <i>American Naturalist</i> , 2015, 185, 562-570.	2.1	30
36	Integrating social network analysis and fine-scale positioning to characterize the associations of a benthic shark. <i>Animal Behaviour</i> , 2016, 115, 245-258.	1.9	30

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37	Effectiveness of five personal shark-bite deterrents for surfers. PeerJ, 2018, 6, e5554.	2.0	30
38	Living on the continental shelf edge: habitat use of juvenile shortfin makos <i>Isurus oxyrinchus</i> in the Great Australian Bight, southern Australia. Fisheries Oceanography, 2015, 24, 205-218.	1.7	29
39	Broad-scale movements and pelagic habitat of the dusky shark <i>Carcharhinus obscurus</i> off southern Australia determined using pop-up satellite archival tags. Fisheries Oceanography, 2013, 22, 102-112.	1.7	28
40	How Close is too Close? The Effect of a Non-Lethal Electric Shark Deterrent on White Shark Behaviour. PLoS ONE, 2016, 11, e0157717.	2.5	28
41	Reproductive synchrony of three sympatric species of wobbegong shark (genus <i>Orectolobus</i>) in New South Wales, Australia: reproductive parameter estimates necessary for population modelling. Marine and Freshwater Research, 2007, 58, 765.	1.3	27
42	Increased connectivity and depth improve the effectiveness of marine reserves. Global Change Biology, 2021, 27, 3432-3447.	9.5	27
43	Experimental Evaluation of Fatty Acid Profiles as a Technique to Determine Dietary Composition in Benthic Elasmobranchs. Physiological and Biochemical Zoology, 2013, 86, 266-278.	1.5	26
44	The power of national acoustic tracking networks to assess the impacts of human activity on marine organisms during the COVID-19 pandemic. Biological Conservation, 2021, 256, 108995.	4.1	26
45	Age and growth determination of three sympatric wobbegong sharks: How reliable is growth band periodicity in <i>Orectolobidae</i> ?. Fisheries Research, 2013, 147, 413-425.	1.7	25
46	A quantitative comparison of the diets of sympatric pelagic sharks in gulf and shelf ecosystems off southern Australia. ICES Journal of Marine Science, 2012, 69, 1382-1393.	2.5	24
47	Comparative population genomics confirms little population structure in two commercially targeted carcharhinid sharks. Marine Biology, 2019, 166, 1.	1.5	24
48	Social learning in solitary juvenile sharks. Animal Behaviour, 2020, 159, 21-27.	1.9	24
49	Age, growth and maturity of the pelagic thresher <i>Alopias pelagicus</i> and the scalloped hammerhead <i>Sphyrna lewini</i> . Journal of Fish Biology, 2015, 86, 333-354.	1.6	23
50	Evidence for non-random co-occurrences in a white shark aggregation. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	23
51	Assessing the overlap between the diet of a coastal shark and the surrounding prey communities in a subtropical embayment. Journal of Fish Biology, 2011, 78, 1405-1422.	1.6	22
52	Moving from Measuring to Predicting Bycatch Mortality: Predicting the Capture Condition of a Longline-Caught Pelagic Shark. Frontiers in Marine Science, 2016, 2, .	2.5	22
53	Anthropogenic threat assessment of marine-associated fauna in Spencer Gulf, South Australia. Marine Policy, 2017, 81, 392-400.	3.2	22
54	Observations of marine wildlife tourism effects on a non-focal species. Journal of Fish Biology, 2017, 91, 981-988.	1.6	21

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55	Capturing expert uncertainty in spatial cumulative impact assessments. <i>Scientific Reports</i> , 2018, 8, 1469.	3.3	21
56	Bottomâ€cup processes mediated by social systems drive demographic traits of coralâ€creef fishes. <i>Ecology</i> , 2018, 99, 642-651.	3.2	21
57	Introgressive hybridisation between two widespread sharks in the east Pacific region. <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 119-127.	2.7	21
58	Life-history traits of a small-bodied coastal shark. <i>Marine and Freshwater Research</i> , 2013, 64, 54.	1.3	20
59	Restricted movements and mangrove dependency of the nervous shark <i>Carcharhinus caudatus</i> in nearshore coastal waters. <i>Journal of Fish Biology</i> , 2015, 87, 323-341.	1.6	20
60	In the Water with White Sharks (<i>Carcharodon carcharias</i>): Participantsâ€™ Beliefs toward Cage-diving in Australia. <i>Anthrozoos</i> , 2016, 29, 231-245.	1.4	20
61	The impact of wildlife tourism on the foraging ecology and nutritional condition of an apex predator. <i>Tourism Management</i> , 2019, 75, 206-215.	9.8	20
62	Population variation in the thermal response to climate change reveals differing sensitivity in a benthic shark. <i>Global Change Biology</i> , 2021, 27, 108-120.	9.5	20
63	Endothermy makes fishes faster but does not expand their thermal niche. <i>Functional Ecology</i> , 2021, 35, 1951-1959.	3.6	20
64	Interâ€ctissue Differences in Fatty Acid Incorporation as a Result of Dietary Oil Manipulation in Port Jackson Sharks (<i>Heterodontus portusjacksoni</i>). <i>Lipids</i> , 2014, 49, 577-590.	1.7	19
65	Assessing the Functional Limitations of Lipids and Fatty Acids for Diet Determination: The Importance of Tissue Type, Quantity, and Quality. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	19
66	Sharks surf the slope: Current updrafts reduce energy expenditure for aggregating marine predators. <i>Journal of Animal Ecology</i> , 2021, 90, 2302-2314.	2.8	19
67	Vertebral chemistry demonstrates movement and population structure of bronze whaler. <i>Marine Ecology - Progress Series</i> , 2016, 556, 195-207.	1.9	19
68	What are we missing? Advantages of more than one viewpoint to estimate fish assemblages using baited video. <i>Royal Society Open Science</i> , 2018, 5, 171993.	2.4	18
69	Continentalâ€scale acoustic telemetry and network analysis reveal new insights into stock structure. <i>Fish and Fisheries</i> , 2021, 22, 987-1005.	5.3	18
70	To catch or to sight? A comparison of demographic parameter estimates obtained from mark-recapture and mark-resight models. <i>Biodiversity and Conservation</i> , 2014, 23, 2781-2800.	2.6	17
71	Born to be free? Assessing the viability of releasing captive-bred wobbegongs to restock depleted populations. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	17
72	Predicting sustainable shark harvests when stock assessments are lacking. <i>ICES Journal of Marine Science</i> , 2018, 75, 1591-1601.	2.5	17

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73	Effects of auditory and visual stimuli on shark feeding behaviour: the disco effect. <i>Marine Biology</i> , 2018, 165, 1.	1.5	17
74	Quantification of the maternal-embryonal nutritional relationship of elasmobranchs: case study of wobbegong sharks (genus <i>Orectolobus</i>). <i>Journal of Fish Biology</i> , 2011, 78, 1375-1389.	1.6	16
75	Comparison of industry-based data to monitor white shark cage-dive tourism. <i>Tourism Management</i> , 2018, 66, 263-273.	9.8	16
76	Changes in diving behaviour and habitat use of provisioned whale sharks: implications for management. <i>Scientific Reports</i> , 2020, 10, 16951.	3.3	16
77	Short-term impacts of daily feeding on the residency, distribution and energy expenditure of sharks. <i>Animal Behaviour</i> , 2021, 172, 55-71.	1.9	16
78	Effects of human footprint and biophysical factors on the body-size structure of fished marine species. <i>Conservation Biology</i> , 2022, 36, .	4.7	16
79	A controlled feeding experiment investigating the effects of a dietary switch on muscle and liver fatty acid profiles in Port Jackson sharks <i>Heterodontus portusjacksoni</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 448, 10-18.	1.5	15
80	Fiddling with the proof: the Magpie Fiddler Ray is a colour pattern variant of the common Southern Fiddler Ray (<i>Rhinobatidae: Trygonorrhina</i>). <i>Zootaxa</i> , 2015, 3981, 367-84.	0.5	15
81	Insights into movement behaviour of snapper (<i>Chrysophrys auratus</i> , Sparidae) from a large acoustic array. <i>Marine and Freshwater Research</i> , 2017, 68, 1438.	1.3	15
82	Is there a place for education and interpretation in shark-based tourism?. <i>Tourism Recreation Research</i> , 2017, 42, 327-343.	4.9	15
83	Eight habitats, 38 threats and 55 experts: Assessing ecological risk in a multi-use marine region. <i>PLoS ONE</i> , 2017, 12, e0177393.	2.5	15
84	The BRUVs workshop - An Australia-wide synthesis of baited remote underwater video data to answer broad-scale ecological questions about fish, sharks and rays. <i>Marine Policy</i> , 2021, 127, 104430.	3.2	15
85	Using movement models and systematic conservation planning to inform marine protected area design for a multi-species predator community. <i>Biological Conservation</i> , 2022, 266, 109469.	4.1	15
86	Impacts of crowding, trawl duration and air exposure on the physiology of stingarees (family: <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222</i>)		14
87	A multilocus comparative study of dispersal in three codistributed demersal sharks from eastern Australia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 406-415.	1.4	14
88	Eyes on the size: accuracy of visual length estimates of white sharks, <i>Carcharodon carcharias</i> . <i>Royal Society Open Science</i> , 2019, 6, 190456.	2.4	14
89	The effects of wildlife tourism provisioning on non-target species. <i>Biological Conservation</i> , 2020, 241, 108317.	4.1	14
90	Response of blacktip reef sharks <i>Carcharhinus melanopterus</i> to shark bite mitigation products. <i>Scientific Reports</i> , 2020, 10, 3563.	3.3	14

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91	Population metrics and movement of two sympatric carcharhinids: a comparison of the vulnerability of pelagic sharks of the southern Australian gulfs and shelves. <i>Marine and Freshwater Research</i> , 2013, 64, 20.	1.3	13
92	The evolution of chondrichthyan research through a metadata analysis of dedicated international conferences between 1991 and 2014. <i>African Journal of Marine Science</i> , 2015, 37, 129-139.	1.1	13
93	Practical eDNA sampling methods inferred from particle size distribution and comparison of capture techniques for a Critically Endangered elasmobranch. <i>Environmental DNA</i> , 2022, 4, 1011-1023.	5.8	13
94	Actions speak louder than words: Tournament angling as an avenue to promote best practice for pelagic shark fishing. <i>Marine Policy</i> , 2016, 64, 168-173.	3.2	12
95	Ecological vulnerability of the chondrichthyan fauna of southern Australia to the stressors of climate change, fishing and other anthropogenic hazards. <i>Fish and Fisheries</i> , 2021, 22, 1105-1135.	5.3	12
96	Can a Threshold Value Be Used to Classify Chondrichthyan Reproductive Modes: Systematic Review and Validation Using an Oviparous Species. <i>PLoS ONE</i> , 2012, 7, e50196.	2.5	12
97	Historical changes in mean trophic level of southern Australian fisheries. <i>Marine and Freshwater Research</i> , 2014, 65, 884.	1.3	11
98	Slow life-history traits of a neritic predator, the bronze whaler (<i>Carcharhinus brachyurus</i>). <i>Marine and Freshwater Research</i> , 2017, 68, 461.	1.3	11
99	Plasticity in the diel vertical movement of two pelagic predators (<i>Prionace glauca</i> and <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>)	1.7	11
100	Simple biopsy modification to collect muscle samples from free-swimming sharks. <i>Biological Conservation</i> , 2018, 228, 142-147.	4.1	11
101	Natural tags reveal populations of Conservation Dependent school shark use different pupping areas. <i>Marine Ecology - Progress Series</i> , 2018, 599, 147-156.	1.9	11
102	First histological examination of a neoplastic lesion from a free-swimming white shark, <i>Carcharodon carcharias</i> L.. <i>Journal of Fish Diseases</i> , 2016, 39, 1269-1273.	1.9	10
103	Physiological response and immediate mortality of gill-net-caught blacktip reef sharks (<i>Carcharhinus</i> <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>)	1.3	10
104	Effectiveness of novel fabrics to resist punctures and lacerations from white shark (<i>Carcharodon</i> <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2</i>)	2.5	10
105	Evaluating time-depth recorders as a tool to measure the behaviour of sharks captured on longlines. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 497, 120-126.	1.5	9
106	Overlap in fish assemblages observed using pelagic and benthic baited remote underwater video stations. <i>Marine and Freshwater Research</i> , 2019, 70, 870.	1.3	9
107	Redefining provisioning in marine wildlife tourism. <i>Journal of Ecotourism</i> , 2022, 21, 210-229.	2.9	9
108	A multidisciplinary framework to assess the sustainability and acceptability of wildlife tourism operations. <i>Conservation Letters</i> , 2021, 14, e12788.	5.7	8

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109	Predicting potential future reduction in shark bites on people. Royal Society Open Science, 2021, 8, 201197.	2.4	8
110	What Values Do Tourists Place on a Marine Protected Area? White Shark Cage-Dive Tourists and the Neptune Islands. Tourism in Marine Environments, 2019, 14, 19-30.	0.4	8
111	A miniaturized threshold-triggered acceleration data-logger for recording burst movements of aquatic animals. Journal of Experimental Biology, 2018, 221, .	1.7	7
112	Seasonal occurrence and site fidelity of juvenile bronze whalers (<i>Carcharhinus brachyurus</i>) in a temperate inverse estuary. Marine Biology, 2019, 166, 1.	1.5	7
113	The use of muscle lipids and fatty acids to assess shark diet and condition. Journal of Fish Biology, 2021, 98, 566-571.	1.6	7
114	Reply to: Shark mortality cannot be assessed by fishery overlap alone. Nature, 2021, 595, E8-E16.	27.8	7
115	A shark's eye view: testing the "mistaken identity theory" behind shark bites on humans. Journal of the Royal Society Interface, 2021, 18, 20210533.	3.4	7
116	Heterospecific foraging associations between reef-associated sharks: first evidence of kleptoparasitism in sharks. Ecology, 2020, 101, e03117.	3.2	6
117	Effects of reward magnitude and training frequency on the learning rates and memory retention of the Port Jackson shark <i>Heterodontus portusjacksoni</i> . Animal Cognition, 2020, 23, 939-949.	1.8	6
118	Foraging plasticity diversifies mercury exposure sources and bioaccumulation patterns in the world's largest predatory fish. Journal of Hazardous Materials, 2022, 425, 127956.	12.4	6
119	Characterising the spawning patterns of Jack Mackerel (<i>Trachurus declivis</i>) off eastern Australia to optimise future survey design. Fisheries Research, 2017, 186, 223-236.	1.7	5
120	Continental-Scale Network Reveals Cross-Jurisdictional Movements of Sympatric Sharks With Implications for Assessment and Management. Frontiers in Marine Science, 2021, 8, .	2.5	5
121	Reply to: Caution over the use of ecological big data for conservation. Nature, 2021, 595, E20-E28.	27.8	4
122	No detrimental effects of desalination waste on temperate fish assemblages. ICES Journal of Marine Science, 2021, 78, 45-54.	2.5	4
123	The Australian Shark-Incident Database for quantifying temporal and spatial patterns of shark-human conflict. Scientific Data, 2022, 9, .	5.3	4
124	Contrasting Diet of Two Temperate Reef Fish Species (<i>Notolabrus Tetricus</i> and <i>Meuschenia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Royal Society of South Australia, 2013, 137, 80-89.	0.4	3
125	Application of the Acoustic Propagation Model to a deep-water cross-shelf curtain. Methods in Ecology and Evolution, 2017, 8, 1305-1308.	5.2	3
126	Spawning patterns provide further evidence for multiple stocks of sardine (<i>Sardinops sagax</i>) off eastern Australia. Fisheries Oceanography, 2019, 28, 18-32.	1.7	3

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127	Development and successful real-world use of a transfer DNA technique to identify species involved in shark bite incidents. <i>Journal of Forensic Sciences</i> , 2021, 66, 2438-2443.	1.6	3
128	Retrospective genomics highlights changes in genetic composition of tiger sharks (<i>Galeocerdo</i>)	3.3	3
129	Predicting sustainable shark harvests when stock assessments are lacking. <i>ICES Journal of Marine Science</i> , 2018, 75, 1840-1840.	2.5	2
130	Lack of light colour effects when sampling fish at night in low visibility environments. <i>Journal of Fish Biology</i> , 2019, 95, 952-955.	1.6	2
131	Investigating the cumulative effects of multiple stressors on fish assemblages in a semi-enclosed bay. <i>Marine Biology</i> , 2020, 167, 1.	1.5	2
132	Shark habituation to a food-related olfactory cue. <i>Animal Behaviour</i> , 2022, 187, 147-165.	1.9	2
133	Heterospecific Foraging Associations Between Reef-Associated Sharks: First Evidence of Kleptoparasitism in Sharks. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01755.	0.2	1
134	<i>In situ</i> video monitoring of by-catch interactions within commercial rock lobster (<i>Jasus</i>)	0.7	0