Kyle W Shertzer

List of Publications by Year
in descending order

64 papers	1,808 citations	331538 21 h-index	289141 40 g-index
66 all docs	66 docs citations	66 times ranked	1951 citing authors

#	Article	IF	Citations
1	Fine-scale behavior of red snapper (*Lutjanus campechanus*) around bait: approach distances, bait plume dynamics, and effective fishing area. Canadian Journal of Fisheries and Aquatic Sciences, 2022, 79, 458-471.	0.7	3
2	Modeling Discards in Stock Assessments: Red Grouper Epinephelus morio in the U.S. Gulf of Mexico. Fishes, 2022, 7, 7.	0.7	2
3	Estimating length composition of fish observed with stereo-video cameras: A simulation study with application to red snapper (Lutjanus campechanus). Fisheries Research, 2022, 254, 106424.	0.9	1
4	Optimum lionfish yield: a non-traditional management concept for invasive lionfish (Pterois spp.) fisheries. Biological Invasions, 2021, 23, 795-810.	1.2	10
5	Four decades of reef observations illuminate deep-water grouper hotspots. Fish and Fisheries, 2021, 22, 749-761.	2.7	6
6	Environmental conditions, diel period, and fish size influence the horizontal and vertical movements of red snapper. Scientific Reports, 2021, 11, 9580.	1.6	14
7	A comparison of 4 primary age-structured stock assessment models used in the United States. Fishery Bulletin, 2021, 119, 149-167.	0.1	4
8	Discard Mortality of Red Snapper Released with Descender Devices in the U.S. South Atlantic. Marine and Coastal Fisheries, 2021, 13, 478-495.	0.6	8
9	Assessing likelihoods for fitting composition data within stock assessments, with emphasis on different degrees of process and observation error. Fisheries Research, 2021, 243, 106069.	0.9	10
10	Estimating population abundance at a site in the open ocean: combining information from conventional and telemetry tags with application to gray triggerfish (*Balistes capriscus*). Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 34-43.	0.7	4
11	Repetitive capture of marine fishes: implications for estimating number and mortality of releases. ICES Journal of Marine Science, 2020, 77, 2905-2917.	1.2	4
12	Assigning Fates in Telemetry Studies Using Hidden Markov Models: an Application to Deepwater Groupers Released with Descender Devices. North American Journal of Fisheries Management, 2020, 40, 1417-1434.	0.5	15
13	Spatio-temporal dynamics of the threatened elkhorn coral Acropora palmata : Implications for conservation. Diversity and Distributions, 2020, 26, 1582-1597.	1.9	5
14	Meta-Analysis Reveals Artificial Reefs Can Be Effective Tools for Fish Community Enhancement but Are Not One-Size-Fits-All. Frontiers in Marine Science, 2020, 7, .	1.2	63
15	Catchability of reef fish species in traps is strongly affected by water temperature and substrate. Marine Ecology - Progress Series, 2020, 642, 179-190.	0.9	18
16	Paulik revisited: Statistical framework and estimation performance of multistage recruitment functions. Fisheries Research, 2019, 217, 58-70.	0.9	10
17	Recreational sector is the dominant source of fishing mortality for oceanic fishes in the Southeast United States Atlantic Ocean. Fisheries Management and Ecology, 2019, 26, 621-629.	1.0	20
18	Integrating underwater video into traditional fisheries indices using a hierarchical formulation of a state-space model. Fisheries Research, 2019, 219, 105309.	0.9	10

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19	Age, Growth, and Natural Mortality of Graysby, Cephalophilis cruentata, from the Southeastern United States. Fishes, 2019, 4, 36.	0.7	3
20	Unraveling the recruitment problem: A review of environmentally-informed forecasting and management strategy evaluation. Fisheries Research, 2019, 217, 198-216.	0.9	54
21	Fine-scale movement patterns and behavioral states of gray triggerfish Balistes capriscus determined from acoustic telemetry and hidden Markov models. Fisheries Research, 2019, 215, 76-89.	0.9	27
22	Tropical storms influence the movement behavior of a demersal oceanic fish species. Scientific Reports, 2019, 9, 1481.	1.6	34
23	Abundance trends of highly migratory species in the Atlantic Ocean: accounting for water temperature profiles. ICES Journal of Marine Science, 2018, 75, 1427-1438.	1.2	12
24	Characterizing sex ratios of sea turtle populations: A Bayesian mixture modeling approach applied to juvenile loggerheads (Caretta caretta). Journal of Experimental Marine Biology and Ecology, 2018, 504, 10-19.	0.7	5
25	Indices of abundance in the Gulf of Mexico reef fish complex: A comparative approach using spatial data from vessel monitoring systems. Fisheries Research, 2018, 198, 1-13.	0.9	13
26	Release mortality of endangered Warsaw grouper Hyporthodus nigritus: a state-space model applied to capture-recapture data. Endangered Species Research, 2018, 35, 15-22.	1.2	6
27	Behavior of gray triggerfish Balistes capriscus around baited fish traps determined from fine-scale acoustic tracking. Marine Ecology - Progress Series, 2018, 606, 133-150.	0.9	15
28	Identifying growth morphs from mixtures of size-at-age data. Fisheries Research, 2017, 185, 83-89.	0.9	5
29	Can subsets of species indicate overall patterns in biodiversity?. Ecosphere, 2017, 8, e01842.	1.0	5
30	The NMFS Southeast Region Headboat Survey: History, Methodology, and Data Integrity. Marine Fisheries Review, 2017, 79, 1-27.	1.2	2
31	Management implications of temporally and spatially varying catchability for the Gulf of Mexico menhaden fishery. Fisheries Research, 2016, 181, 186-197.	0.9	12
32	Improving stock assessments through data prioritization. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 1703-1711.	0.7	5
33	A review of stock assessment packages in the United States. Fisheries Research, 2016, 183, 447-460.	0.9	58
34	Relating trap capture to abundance: a hierarchical state-space model applied to black sea bass (*Centropristis striata*). ICES Journal of Marine Science, 2016, 73, 512-519.	1.2	8
35	Risk assessment of cartilaginous fish populations. ICES Journal of Marine Science, 2015, 72, 1057-1068.	1.2	28
36	A novel approach to compare pinniped populations across a broad geographic range. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 175-185.	0.7	18

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37	Estimating relative abundance and species richness from video surveys of reef fishes. Fishery Bulletin, 2014, 113, 15-26.	0.1	30
38	Effect of Changes in Dissolved Oxygen Concentrations on the Spatial Dynamics of the Gulf Menhaden Fishery in the Northern Gulf of Mexico. Marine and Coastal Fisheries, 2014, 6, 223-234.	0.6	22
39	Positive feedbacks between bottom-up and top-down controls promote the formation and toxicity of ecosystem disruptive algal blooms: A modeling study. Harmful Algae, 2014, 39, 342-356.	2.2	10
40	Spawner-Recruit Relationships of Demersal Marine Fishes: Prior Distribution of Steepness. Bulletin of Marine Science, 2012, 88, 39-50.	0.4	36
41	Performance of methods used to estimate indices of abundance for highly migratory species. Fisheries Research, 2012, 125-126, 27-39.	0.9	38
42	Modeling ecosystem disruptive algal blooms: positive feedback mechanisms. Marine Ecology - Progress Series, 2012, 447, 31-47.	0.9	15
43	Developing Fishery-Independent Indices of Larval and Juvenile Gag Abundance in the Southeastern United States. Transactions of the American Fisheries Society, 2011, 140, 973-983.	0.6	6
44	Relationship between Gulf Menhaden Recruitment and Mississippi River Flow: Model Development and Potential Application for Management. Marine and Coastal Fisheries, 2011, 3, 344-352.	0.6	13
45	A stage-based matrix population model of invasive lionfish with implications for control. Biological Invasions, 2011, 13, 7-12.	1.2	100
46	Probabilistic Approaches to Setting Acceptable Biological Catch and Annual Catch Targets for Multiple Years: Reconciling Methodology with National Standards Guidelines. Marine and Coastal Fisheries, 2010, 2, 451-458.	0.6	14
47	Deriving Acceptable Biological Catch from the Overfishing Limit: Implications for Assessment Models. North American Journal of Fisheries Management, 2010, 30, 289-294.	0.5	32
48	When can we reliably estimate the productivity of fish stocks?. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 511-523.	0.7	74
49	Integrated Population Modeling of Black Bears in Minnesota: Implications for Monitoring and Management. PLoS ONE, 2010, 5, e12114.	1.1	80
50	Relationships between Larval and Juvenile Abundance of Winter-Spawned Fishes in North Carolina, USA. Marine and Coastal Fisheries, 2009, 1, 12-21.	0.6	16
51	Spatial structure and temporal patterns in a large marine ecosystem: Exploited reef fishes of the southeast United States. Fisheries Research, 2009, 100, 126-133.	0.9	13
52	Ammonium uptake and growth models in marine diatoms: Monod and Droop revisited. Marine Ecology - Progress Series, 2009, 386, 29-41.	0.9	33
53	Delay in fishery management: diminished yield, longer rebuilding, and increased probability of stock collapse1. ICES Journal of Marine Science, 2007, 64, 149-159.	1.2	47
54	Gulf menhaden (Brevoortia patronus) in the U.S. Gulf of Mexico: Fishery characteristics and biological reference points for management. Fisheries Research, 2007, 83, 263-275.	0.9	55

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55	Remembering the future: A commentary on "Intergenerational discounting: A new intuitive approach". Ecological Economics, 2006, 60, 24-26.	2.9	9
56	Ecological and Evolutionary Dynamics of Experimental Plankton Communities. Advances in Ecological Research, 2005, 37, 221-243.	1.4	28
57	An Introduction to Statistical Algorithms Useful in Stock Composition Analysis. , 2005, , 499-516.		6
58	Implications of life-history invariants for biological reference points used in fishery management. Canadian Journal of Fisheries and Aquatic Sciences, 2003, 60, 710-720.	0.7	53
59	Targets and Limits for Management of Fisheries: A Simple Probability-Based Approach. North American Journal of Fisheries Management, 2003, 23, 349-361.	0.5	53
60	STATE-DEPENDENT ENERGY ALLOCATION IN VARIABLE ENVIRONMENTS: LIFE HISTORY EVOLUTION OF A ROTIFER. Ecology, 2002, 83, 2181-2193.	1.5	31
61	Least median of squares: a suitable objective function for stock assessment models?. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 1474-1481.	0.7	9
62	Energy Storage and the Evolution of Population Dynamics. Journal of Theoretical Biology, 2002, 215, 183-200.	0.8	14
63	Predator-prey cycles in an aquatic microcosm: testing hypotheses of mechanism. Journal of Animal Ecology, 2002, 71, 802-815.	1.3	86
64	Crossing the Hopf Bifurcation in a Live Predator-Prey System. Science, 2000, 290, 1358-1360.	6.0	366