Matthew R Baker

List of Publications by Year
in descending order

20 papers	783 citations	949033 11 h-index	939365 18 g-index
21 all docs	21 docs citations	21 times ranked	1291 citing authors

#	Article	IF	Citations
1	Hazards evaluation of a valuable vulnerable sand-wave field forage fish habitat in the marginal Central Salish Sea using a submersible. Oceanologia, 2023, 65, 1-19.	1.1	8
2	Modeling in an integrated ecosystem research framework to explore recruitment in Gulf of Alaska groundfish â€“ Applications to management and lessons learned. Deep-Sea Research Part II: Topical Studies in Oceanography, 2022, 197, 105048.	0.6	4
3	Controlled experiments to explore the use of a multi-tissue approach to characterizing stress in wild-caught Pacific halibut (Hippoglossus stenolepis). , 2021, 9, coab001.		4
4	Contrast of warm and cold phases in the Bering Sea to understand spatial distributions of Arctic and sub-Arctic gadids. Polar Biology, 2021, 44, 1083-1105.	0.5	31
5	Use of manned submersible and autonomous stereo-camera array to assess forage fish and associated subtidal habitat. Fisheries Research, 2021, 243, 106067.	0.9	11
6	Integrated ecosystem research in the Pacific Arctic â€“ understanding ecosystem processes, timing and change. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 177, 104850.	0.6	17
7	Shifts in the physical environment in the Pacific Arctic and implications for ecological timing and conditions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 177, 104802.	0.6	34
8	Evidence suggests potential transformation of the Pacific Arctic ecosystem is underway. Nature Climate Change, 2020, 10, 342-348.	8.1	180
9	AGE AND GROWTH OF PACIFIC SAND LANCE (AMMODYTES PERSONATUS) AT THE LATITUDINAL EXTREMES OF THE GULF OF ALASKA LARGE MARINE ECOSYSTEM. , 2020, 101, 34.		6
10	Model of trawlable area using benthic terrain and oceanographic variablesâ€”Informing survey design and habitat maps in the Gulf of Alaska. Fisheries Oceanography, 2019, 28, 629-657.	0.9	14
11	Feeding Ecology of Pacific Sand Lance in the San Juan Archipelago. Marine and Coastal Fisheries, 2017, 9, 612-625.	0.6	12
12	Accounting for escape mortality in fisheries: implications for stock productivity and optimal management. Ecological Applications, 2014, 24, 55-70.	1.8	12
13	Delineating ecological regions in marine systems: Integrating physical structure and community composition to inform spatial management in the eastern Bering Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 109, 215-240.	0.6	58
14	Ecosystem effects of the Atlantic Multidecadal Oscillation. Journal of Marine Systems, 2014, 133, 103-116.	0.9	120
15	Review of factors influencing stress hormones in fish and wildlife. Journal for Nature Conservation, 2013, 21, 309-318.	0.8	123
16	Injuries from Non-Retention in Gillnet Fisheries Suppress Reproductive Maturation in Escaped Fish. PLoS ONE, 2013, 8, e69615.	1.1	30
17	Selection due to nonretention mortality in gillnet fisheries for salmon. Evolutionary Applications, 2011, 4, 429-443.	1.5	15
18	Missing the point. Frontiers in Ecology and the Environment, 2009, 7, 128-129.	1.9	0

#	Article	IF	Citations
19	Unaccounted mortality in salmon fisheries: nonâ€retention in gillnets and effects on estimates of spawners. Journal of Applied Ecology, 2009, 46, 752-761.	1.9	59
20	Bioaccumulation and Transport of Contaminants: Migrating Sockeye Salmon As Vectors of Mercury. Environmental Science & Technology, 2009, 43, 8840-8846.	4.6	35