

# Stan Kotwicki

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

917  
citations

471371

17  
h-index

477173

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

850  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding transboundary stocksâ€™ availability by combining multiple fisheries-independent surveys and oceanographic conditions in spatiotemporal models. ICES Journal of Marine Science, 2022, 79, 1063-1074.	1.2	17
2	Shifting fish distributions impact predation intensity in a subâ€™Arctic ecosystem. Ecography, 2022, 2022, .	2.1	8
3	Incorporating spatiotemporal variability in multispecies survey design optimization addresses trade-offs in uncertainty. ICES Journal of Marine Science, 2021, 78, 1288-1300.	1.2	5
4	Incorporating vertical distribution in index standardization accounts for spatiotemporal availability to acoustic and bottom trawl gear for semi-pelagic species. ICES Journal of Marine Science, 2021, 78, 1826-1839.	1.2	13
5	Using bottom trawls to monitor subsurface water clarity in marine ecosystems. Progress in Oceanography, 2021, 194, 102554.	1.5	3
6	Estimating spatiotemporal availability of transboundary fishes to fisheryâ€™independent surveys. Journal of Applied Ecology, 2021, 58, 2146-2157.	1.9	8
7	Tradeâ€™offs in covariate selection for species distribution models: a methodological comparison. Ecography, 2020, 43, 11-24.	2.1	71
8	Environmental impacts on walleye pollock ( <i>Gadus chalcogrammus</i> ) distribution across the Bering Sea shelf. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 181-182, 104881.	0.6	32
9	Adapting to climateâ€™driven distribution shifts using modelâ€™based indices and age composition from multiple surveys in the walleye pollock ( <i>Gadus chalcogrammus</i> ) stock assessment. Fisheries Oceanography, 2020, 29, 541-557.	0.9	34
10	Improved estimation of age composition by accounting for spatiotemporal variability in somatic growth. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1810-1821.	0.7	2
11	Spatioâ€™temporal analyses of marine predator diets from dataâ€™rich and dataâ€™limited systems. Fish and Fisheries, 2020, 21, 718-739.	2.7	21
12	A review of methods for quantifying spatial predatorâ€™prey overlap. Global Ecology and Biogeography, 2019, 28, 1561-1577.	2.7	48
13	Availability of yellowfin sole <i>Limanda aspera</i> to the eastern Bering Sea trawl survey and its effect on estimates of survey biomass. Fisheries Research, 2019, 211, 319-330.	0.9	18
14	The effect of random and densityâ€™dependent variation in sampling efficiency on variance of abundance estimates from fishery surveys. Fish and Fisheries, 2019, 20, 760-774.	2.7	14
15	Combining data from bottom-trawl and acoustic-trawl surveys to estimate an index of abundance for semipelagic species. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 60-71.	0.7	14
16	Multispecies acoustic dead-zone correction and bias ratio estimates between acoustic and bottom-trawl data. ICES Journal of Marine Science, 2018, 75, 361-373.	1.2	4
17	The relative influence of temperature and sizeâ€™structure on fish distribution shifts: A caseâ€™study on Walleye pollock in the Bering Sea. Fish and Fisheries, 2017, 18, 1073-1084.	2.7	63
18	Combining bottom trawls and acoustics in a diverse semipelagic environment: What is the contribution of walleye pollock ( <i>Gadus chalcogrammus</i> ) to near-bottom acoustic backscatter in the eastern Bering Sea?. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 256-264.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Movement rates of morphometrically mature male snow crabs, <i>Chionoecetes opilio</i> (O. Fabricius), Tj ETQq1 1 0.784314 rgBT /Overlook 37, 380-388.	0.3	4
20	Selectivity ratio: A useful tool for comparing size selectivity of multiple survey gears. Fisheries Research, 2017, 191, 76-86.	0.9	28
21	Summer diet composition of walleye pollock and predatorâ€“prey relationships with copepods and euphausiids in the eastern Bering Sea, 1987â€“2011. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 134, 302-311.	0.6	29
22	Factors affecting the availability of walleye pollock to acoustic and bottom trawl survey gear. ICES Journal of Marine Science, 2015, 72, 1425-1439.	1.2	31
23	Reducing variability in bottom contact and net width of a survey trawl by restraining door movement and applying a constant ratio of warp length to depth. Fishery Bulletin, 2015, 113, 180-190.	0.1	4
24	Correlating environmental and biogenic factors with abundance and distribution of Pacific ocean perch ( <i>Sebastes alutus</i> ) in the Aleutian Islands, Alaska. Fishery Bulletin, 2015, 113, 270-289.	0.1	15
25	Correcting density-dependent effects in abundance estimates from bottom-trawl surveys. ICES Journal of Marine Science, 2014, 71, 1107-1116.	1.2	22
26	The spatial distribution of euphausiids and walleye pollock in the eastern Bering Sea does not imply top-down control by predation. Marine Ecology - Progress Series, 2014, 503, 111-122.	0.9	24
27	Combining bottom trawl and acoustic data to model acoustic dead zone correction and bottom trawl efficiency parameters for semipelagic species. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 208-219.	0.7	29
28	Detecting temporal trends and environmentally-driven changes in the spatial distribution of bottom fishes and crabs on the eastern Bering Sea shelf. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 94, 231-243.	0.6	80
29	Effects of climate variations on pelagic ocean habitats and their role in structuring forage fish distributions in the Bering Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2012, 65-70, 230-250.	0.6	81
30	Developing an acoustic survey of euphausiids to understand trophic interactions in the Bering Sea ecosystem. Deep-Sea Research Part II: Topical Studies in Oceanography, 2012, 65-70, 184-195.	0.6	77
31	Improving area swept estimates from bottom trawl surveys. Fisheries Research, 2011, 110, 198-206.	0.9	13
32	The effect of light intensity on the availability of walleye pollock ( <i>Theragra chalcogramma</i> ) to bottom trawl and acoustic surveys. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 983-994.	0.7	39
33	Factors influencing net width and sea floor contact of a survey bottom trawl. Fisheries Research, 2008, 93, 265-279.	0.9	41
34	Correlating trawl and acoustic data in the eastern Bering Sea: A first step toward improving biomass estimates of walleye pollock ( <i>Theragra chalcogramma</i> ) and Pacific cod ( <i>Gadus macrocephalus</i> )?. Fisheries Research, 2007, 86, 77-83.	0.9	20