

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
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34
all docs

34
docs citations

34
times ranked

850
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of climate variations on pelagic ocean habitats and their role in structuring forage fish distributions in the Bering Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 65-70, 230-250. | 0.6 | 81 |
| 2 | Detecting temporal trends and environmentally-driven changes in the spatial distribution of bottom fishes and crabs on the eastern Bering Sea shelf. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 94, 231-243. | 0.6 | 80 |
| 3 | Developing an acoustic survey of euphausiids to understand trophic interactions in the Bering Sea ecosystem. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 65-70, 184-195. | 0.6 | 77 |
| 4 | Tradeoffs in covariate selection for species distribution models: a methodological comparison. <i>Ecography</i> , 2020, 43, 11-24. | 2.1 | 71 |
| 5 | The relative influence of temperature and size-structure on fish distribution shifts: A case-study on Walleye pollock in the Bering Sea. <i>Fish and Fisheries</i> , 2017, 18, 1073-1084. | 2.7 | 63 |
| 6 | A review of methods for quantifying spatial predator-prey overlap. <i>Global Ecology and Biogeography</i> , 2019, 28, 1561-1577. | 2.7 | 48 |
| 7 | Factors influencing net width and sea floor contact of a survey bottom trawl. <i>Fisheries Research</i> , 2008, 93, 265-279. | 0.9 | 41 |
| 8 | The effect of light intensity on the availability of walleye pollock (<i>Theragra chalcogramma</i>) to bottom trawl and acoustic surveys. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 983-994. | 0.7 | 39 |
| 9 | Adapting to climate-driven distribution shifts using model-based indices and age composition from multiple surveys in the walleye pollock (<i>Gadus chalcogrammus</i>) stock assessment. <i>Fisheries Oceanography</i> , 2020, 29, 541-557. | 0.9 | 34 |
| 10 | Environmental impacts on walleye pollock (<i>Gadus chalcogrammus</i>) distribution across the Bering Sea shelf. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 181-182, 104881. | 0.6 | 32 |
| 11 | Factors affecting the availability of walleye pollock to acoustic and bottom trawl survey gear. <i>ICES Journal of Marine Science</i> , 2015, 72, 1425-1439. | 1.2 | 31 |
| 12 | Combining bottom trawl and acoustic data to model acoustic dead zone correction and bottom trawl efficiency parameters for semipelagic species. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 208-219. | 0.7 | 29 |
| 13 | Summer diet composition of walleye pollock and predator-prey relationships with copepods and euphausiids in the eastern Bering Sea, 1987-2011. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 134, 302-311. | 0.6 | 29 |
| 14 | Selectivity ratio: A useful tool for comparing size selectivity of multiple survey gears. <i>Fisheries Research</i> , 2017, 191, 76-86. | 0.9 | 28 |
| 15 | The spatial distribution of euphausiids and walleye pollock in the eastern Bering Sea does not imply top-down control by predation. <i>Marine Ecology - Progress Series</i> , 2014, 503, 111-122. | 0.9 | 24 |
| 16 | Correcting density-dependent effects in abundance estimates from bottom-trawl surveys. <i>ICES Journal of Marine Science</i> , 2014, 71, 1107-1116. | 1.2 | 22 |
| 17 | Spatio-temporal analyses of marine predator diets from data-rich and data-limited systems. <i>Fish and Fisheries</i> , 2020, 21, 718-739. | 2.7 | 21 |
| 18 | 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>)?. <i>Fisheries Research</i> , 2007, 86, 77-83. | 0.9 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Availability of yellowfin sole <i>Limanda aspera</i> to the eastern Bering Sea trawl survey and its effect on estimates of survey biomass. <i>Fisheries Research</i> , 2019, 211, 319-330. | 0.9 | 18 |
| 20 | Understanding transboundary stocks™ availability by combining multiple fisheries-independent surveys and oceanographic conditions in spatiotemporal models. <i>ICES Journal of Marine Science</i> , 2022, 79, 1063-1074. | 1.2 | 17 |
| 21 | Correlating environmental and biogenic factors with abundance and distribution of Pacific ocean perch (<i>Sebastes alutus</i>) in the Aleutian Islands, Alaska. <i>Fishery Bulletin</i> , 2015, 113, 270-289. | 0.1 | 15 |
| 22 | Combining data from bottom-trawl and acoustic-trawl surveys to estimate an index of abundance for semipelagic species. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 60-71. | 0.7 | 14 |
| 23 | The effect of random and density-dependent variation in sampling efficiency on variance of abundance estimates from fishery surveys. <i>Fish and Fisheries</i> , 2019, 20, 760-774. | 2.7 | 14 |
| 24 | Improving area swept estimates from bottom trawl surveys. <i>Fisheries Research</i> , 2011, 110, 198-206. | 0.9 | 13 |
| 25 | Incorporating vertical distribution in index standardization accounts for spatiotemporal availability to acoustic and bottom trawl gear for semi-pelagic species. <i>ICES Journal of Marine Science</i> , 2021, 78, 1826-1839. | 1.2 | 13 |
| 26 | Estimating spatiotemporal availability of transboundary fishes to fishery-independent surveys. <i>Journal of Applied Ecology</i> , 2021, 58, 2146-2157. | 1.9 | 8 |
| 27 | Shifting fish distributions impact predation intensity in a sub-Arctic ecosystem. <i>Ecography</i> , 2022, 2022, . | 2.1 | 8 |
| 28 | 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?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 256-264. | 0.7 | 5 |
| 29 | Incorporating spatiotemporal variability in multispecies survey design optimization addresses trade-offs in uncertainty. <i>ICES Journal of Marine Science</i> , 2021, 78, 1288-1300. | 1.2 | 5 |
| 30 | 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. <i>Fishery Bulletin</i> , 2015, 113, 180-190. | 0.1 | 4 |
| 31 | Movement rates of morphometrically mature male snow crabs, <i>Chionoecetes opilio</i> (O. Fabricius). <i>Tj ETQq1 1 0.784314 rgBT /Overload</i> 37, 380-388. | 0.3 | 4 |
| 32 | Multispecies acoustic dead-zone correction and bias ratio estimates between acoustic and bottom-trawl data. <i>ICES Journal of Marine Science</i> , 2018, 75, 361-373. | 1.2 | 4 |
| 33 | Using bottom trawls to monitor subsurface water clarity in marine ecosystems. <i>Progress in Oceanography</i> , 2021, 194, 102554. | 1.5 | 3 |
| 34 | Improved estimation of age composition by accounting for spatiotemporal variability in somatic growth. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1810-1821. | 0.7 | 2 |