Stein Kaartvedt

List of Publications by Year
in descending order

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66	2,237	201575	243529
papers	citations	27 h-index	44 g-index

67	67	67	2161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Poleward distribution of mesopelagic fishes is constrained by seasonality in light. Global Ecology and Biogeography, 2022, 31, 546-561.	2.7	7
2	Sleep walking copepods? Calanus diapausing in hypoxic waters adjust their vertical position during winter. Journal of Plankton Research, 2021, 43, 199-208.	0.8	2
3	Flexible behaviour in a mesopelagic fish (Maurolicus muelleri). ICES Journal of Marine Science, 2021, 78, 1623-1635.	1.2	13
4	Coordinated gas release among the physostomous fish sprat (Sprattus sprattus). Scientific Reports, 2021, 11, 13145.	1.6	0
5	Diel vertical migration and individual behavior of nekton beyond the ocean's twilight zone. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 160, 103280.	0.6	12
6	Enlightening the oceanâ€™s twilight zone. ICES Journal of Marine Science, 2019, 76, 803-812.	1.2	29
7	Nighttime Swimming Behavior of a Mesopelagic Fish. Frontiers in Marine Science, 2019, 6, .	1.2	9
8	Acoustic backscatter at a Red Sea whale shark aggregation site. Regional Studies in Marine Science, 2018, 20, 23-33.	0.4	3
9	Planktivorous fish in a future Arctic Ocean of changing ice and unchanged photoperiod. ICES Journal of Marine Science, 2018, 75, 2312-2318.	1.2	17
10	The diel vertical migration patterns and individual swimming behavior of overwintering sprat Sprattus sprattus. Progress in Oceanography, 2017, 151, 49-61.	1.5	15
11	Pushing the limits of photoreception in twilight conditions: The rod-like cone retina of the deep-sea pearlsides. Science Advances, 2017, 3, eaao4709.	4.7	55
12	Jellyfish distribute vertically according to irradiance. Journal of Plankton Research, 2017, 39, 280-289.	0.8	8
13	Light penetration structures the deep acoustic scattering layers in the global ocean. Science Advances, 2017, 3, e1602468.	4.7	79
14	Light comfort zones of mesopelagic acoustic scattering layers in two contrasting optical environments. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 113, 1-6.	0.6	38
15	Hypoxia Tolerance and Metabolic Suppression in Oxygen Minimum Zone Euphausiids: Implications for Ocean Deoxygenation and Biogeochemical Cycles. Integrative and Comparative Biology, 2016, 56, 510-523.	0.9	40
16	Vertical distribution and migration of euphausiid species in the Red Sea. Journal of Plankton Research, 2016, 38, 888-903.	0.8	15
17	Seasonality and toxin production of Pyrodinium bahamense in a Red Sea lagoon. Harmful Algae, 2016, 55, 163-171.	2.2	13
18	Zooplankton at deep Red Sea brine pools. Journal of Plankton Research, 2016, 38, 679-684.	0.8	8

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19	Impact of hatch date on early life growth and survival of Muellerâ€™s pearlside (Maurolicus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Sciences, 2016, 73, 163-176.	0.7	9
20	A deep sea community at the Kebrit brine pool in the Red Sea. Marine Biodiversity, 2016, 46, 59-65.	0.3	15
21	Ecology of overwintering sprat (Sprattus sprattus). Progress in Oceanography, 2015, 138, 116-135.	1.5	14
22	The Submarine Volcano Eruption off El Hierro Island: Effects on the Scattering Migrant Biota and the Evolution of the Pelagic Communities. PLoS ONE, 2014, 9, e102354.	1.1	22
23	Topâ€“down cascades in lakes and oceans: different perspectives but same story?. Journal of Plankton Research, 2014, 36, 914-924.	0.8	37
24	Marine ecosystem acoustics (MEA): quantifying processes in the sea at the spatio-temporal scales on which they occur. ICES Journal of Marine Science, 2014, 71, 2357-2369.	1.2	47
25	Surfacing behavior and gas release of the physostome sprat (Sprattus sprattus) in ice-free and ice-covered waters. Marine Biology, 2014, 161, 285-296.	0.7	9
26	Vertical distribution and diel vertical migration of krill beneath snow-covered ice and in ice-free waters. Journal of Plankton Research, 2014, 36, 503-512.	0.8	13
27	Intercomparison of zooplankton (net) sampling systems: Results from the ICES/GLOBEC sea-going workshop. Progress in Oceanography, 2013, 108, 1-42.	1.5	122
28	Vertical migration and diel feeding periodicity of the skinnycheek lanternfish (Benthosema pterotum) in the Red Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 72, 9-16.	0.6	33
29	Vertical distribution, feeding and vulnerability to tactile predation in Metridia longa (Copepoda, Calanoida). Marine Biology Research, 2013, 9, 949-957.	0.3	3
30	Seasonal and diel patterns in sedimentary flux of krill fecal pellets recorded by an echo sounder. Limnology and Oceanography, 2013, 58, 1985-1997.	1.6	10
31	Seasonal development of mixed layer depths, nutrients, chlorophyll and Calanus finmarchicus in the Norwegian Sea â€“ A basin-scale habitat comparison. Progress in Oceanography, 2012, 103, 58-79.	1.5	35
32	Seasonal variations in vertical migration of glacier lanternfish, Benthosema glaciale. Marine Biology, 2012, 159, 1673-1683.	0.7	36
33	Distribution and diel vertical movements of mesopelagic scattering layers in the Red Sea. Marine Biology, 2012, 159, 1833-1841.	0.7	59
34	Mesoscale Eddies Are Oases for Higher Trophic Marine Life. PLoS ONE, 2012, 7, e30161.	1.1	190
35	Inverse vertical migration and feeding in glacier lanternfish (Benthosema glaciale). Marine Biology, 2012, 159, 443-453.	0.7	35
36	Krill (Meganyctiphanes norvegica) swim faster at night. Limnology and Oceanography, 2011, 56, 765-774.	1.6	28

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37	Beyond the average: Diverse individual migration patterns in a population of mesopelagic jellyfish. Limnology and Oceanography, 2011, 56, 2189-2199.	1.6	18
38	Diel Vertical Migration Behaviour of the Northern Krill (Meganyctiphanes norvegica Sars). Advances in Marine Biology, 2010, 57, 255-275.	0.7	36
39	Trophic Structure and Community Stability in an Overfished Ecosystem. Science, 2010, 329, 333-336.	6.0	111
40	The acoustic properties of Salpa thompsoni. ICES Journal of Marine Science, 2010, 67, 583-593.	1.2	31
41	Vertical migration, feeding and colouration in the mesopelagic shrimp Sergestes arcticus. Journal of Plankton Research, 2009, 31, 1427-1435.	0.8	12
42	Oceanic distribution and life cycle of Calanus species in the Norwegian Sea and adjacent waters. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 1910-1921.	0.6	53
43	Diel vertical migration of individual jellyfish (Periphylla periphylla). Limnology and Oceanography, 2007, 52, 975-983.	1.6	53
44	Plasticity in coloration as an antipredator strategy among zooplankton. Limnology and Oceanography, 2006, 51, 1931-1934.	1.6	10
45	Fish are attracted to vessels. ICES Journal of Marine Science, 2006, 63, 1431-1437.	1.2	21
46	In situ target strength and behaviour of northern krill (Meganyctiphanes norvegica). ICES Journal of Marine Science, 2006, 63, 1726-1735.	1.2	22
47	Reply to Horizons Article 'Some ideas about the role of lipids in the life cycle of Calanus finmarchicus' Irigoien (2004): II. Journal of Plankton Research, 2004, 26, 980-981.	0.8	6
48	State-dependent vertical distribution of the carnivore copepod Pareuchaeta norvegica. Journal of Plankton Research, 2004, 27, 19-26.	0.8	12
49	Split-beam target tracking can be used to study the swimming behaviour of deep-living plankton in situ. Aquatic Living Resources, 2003, 16, 293-298.	0.5	26
50	An evaluation of acoustic and video methods to estimate the abundance and vertical distribution of jellyfish. Journal of Plankton Research, 2003, 25, 1307-1318.	0.8	55
51	Deviating vertical distribution and increased conspicuousness of parasitized Calanus. Limnology and Oceanography, 2002, 47, 1187-1191.	1.6	8
52	Vertical distribution and mortality of overwintering Calanus. Limnology and Oceanography, 2001, 46, 1494-1510.	1.6	96
53	Seasonal vertical migrations ofCalanusspp. in Oslofjorden. Sarsia, 2000, 85, 299-311.	0.5	26
54	Fish or jellies-a question of visibility?. Limnology and Oceanography, 1999, 44, 1352-1357.	1.6	86

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55	Assessing the distribution and abundance of zooplankton: a comparison of acoustic and net-sampling methods with D-BAD MOCNESS. Deep-Sea Research Part II: Topical Studies in Oceanography, 1998, 45, 1219-1237.	0.6	32
56	Large scale distrlbution of acoustical scattering layers at the Norwegian continental shelf and the Eastern Norwegian Sea. Sarsia, 1997, 82, 87-96.	0.5	27
57	Habitat preference during overwintering and timing of seasonal vertical migration ofCalanus finmarchicus. Ophelia, 1996, 44, 145-156.	0.3	81
58	Effect of freshwater discharge, intrusions of coastal water, and bathymetry on zooplankton distribution in a Norwegian fjord system. Journal of Plankton Research, 1995, 17, 493-511.	0.8	15
59	Zooplankton patch dynamics: daily gap formation over abrupt topography. Deep-Sea Research Part I: Oceanographic Research Papers, 1994, 41, 941-951.	0.6	65
60	Impact of a controlled freshwater discharge on zooplankton distribution in a Norwegian fjord. Journal of Experimental Marine Biology and Ecology, 1992, 162, 279-293.	0.7	13
61	Deep-sea amphipod swarms. Nature, 1992, 358, 25-26.	13.7	18
62	Advection of euphausiids in a Norwegian fjord system subject to altered freshwater input by hydro-electric power production. Journal of Plankton Research, 1990, 12, 1263-1277.	0.8	14
63	Impact of freshwater runoff on physical oceanography and plankton distribution in a Western Norwegian fjord: an experiment with a controlled discharge from a hydroelectric power plant. Estuarine, Coastal and Shelf Science, 1990, 31, 381-395.	0.9	24
64	Vertical distribution and trophic interactions of zooplankton and fish in Masfjorden, Norway. Sarsia, 1990, 75, 65-81.	0.5	131
65	Nocturnal swimming of gammaridean amphipod and cumacean Crustacea in Masfjorden, Norway. Sarsia, 1989, 74, 187-193.	0.5	17
66	Diel changes in small-scale vertical distribution of hyperbenthic mysids. Sarsia, 1985, 70, 287-295.	0.5	28