

Stein Fredriksen

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,870
citations

361413

20
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

2382
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic interpretation of carbon isotope discrimination by marine macroalgae and seagrasses. <i>Functional Plant Biology</i> , 2002, 29, 355.	2.1	284
2	Biodiversity mediates top-down control in eelgrass ecosystems: a global comparative experimental approach. <i>Ecology Letters</i> , 2015, 18, 696-705.	6.4	188
3	Distribution, structure and function of Nordic eelgrass (<i>Zostera marina</i>) ecosystems: implications for coastal management and conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014, 24, 410-434.	2.0	187
4	Production, respiration and exudation of dissolved organic matter by the kelp <i>Laminaria hyperborea</i> along the west coast of Norway. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 887-894.	0.8	133
5	Changes in kelp forest biomass and depth distribution in Kongsfjorden, Svalbard, between 1996-1998 and 2012-2014 reflect Arctic warming. <i>Polar Biology</i> , 2016, 39, 2021-2036.	1.2	109
6	Arctic kelp forests: Diversity, resilience and future. <i>Global and Planetary Change</i> , 2019, 172, 1-14.	3.5	105
7	Seaweeds in Cold Seas: Evolution and Carbon Acquisition. <i>Annals of Botany</i> , 2002, 90, 525-536.	2.9	90
8	Isotopic and elemental indicators of nutrient sources and status of coastal habitats in the Caribbean Sea, Yucatan Peninsula, Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 74, 449-457.	2.1	70
9	Species richness in macroalgae and macrofauna assemblages on <i>Fucus serratus</i> L. (Phaeophyceae) and <i>Zostera marina</i> L. (Angiospermae) in Skagerrak, Norway. <i>Marine Biology Research</i> , 2005, 1, 2-19.	0.7	65
10	Infauna from <i>Zostera marina</i> L. meadows in Norway. Differences in vegetated and unvegetated areas. <i>Marine Biology Research</i> , 2010, 6, 189-200.	0.7	63
11	Trophic studies in a high-latitude fjord ecosystem – a comparison of stable isotope analyses ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in <i>Zostera marina</i> L. and <i>Fucus serratus</i> L. <i>Marine Biology Research</i> , 2008, 65, 2791-2806.	1.4	62
12	Detrital carbon production and export in high latitude kelp forests. <i>Oecologia</i> , 2020, 192, 227-239.	2.0	53
13	Seasonal Patterns of Sporophyte Growth, Fertility, Fouling, and Mortality of <i>Saccharina latissima</i> in Skagerrak, Norway: Implications for Forest Recovery. <i>Journal of Marine Biology</i> , 2011, 2011, 1-8.	1.0	51
14	Spore dispersal in <i>Laminaria hyperborea</i> (Laminariales, Phaeophyceae). <i>Sarsia</i> , 1995, 80, 47-53.	0.5	49
15	Homogenization and miniaturization of habitat structure in temperate marine forests. <i>Global Change Biology</i> , 2021, 27, 5262-5275.	9.5	38
16	Seasonal growth and carbon and nitrogen content in canopy and first-year plants of <i>Laminaria hyperborea</i> (Laminariales, Phaeophyceae). <i>Phycologia</i> , 1996, 35, 1-8.	1.4	35
17	Population studies of <i>Laminaria hyperborea</i> from its northern range of distribution in Norway. <i>Hydrobiologia</i> , 1993, 260-261, 215-221.	2.0	26
18	Carbon export is facilitated by sea urchins transforming kelp detritus. <i>Oecologia</i> , 2020, 192, 213-225.	2.0	26

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19	Deterioration of eelgrass (<i>Zostera marina</i> L.) through destructive grazing by the gastropod <i>Rissoa membranacea</i> (J. Adams). <i>Sarsia</i> , 2004, 89, 218-222.	0.5	25
20	The algal vegetation in the outer part of Isfjorden, Spitsbergen: revisiting Per Svendsen's sites 50 years later. <i>Polar Research</i> , 2012, 31, 175-38.	1.6	23
21	The impact of the kelp (<i>Laminaria hyperborea</i>) forest on the organic matter content in sediment of the west coast of Norway. <i>Marine Biology Research</i> , 2017, 13, 151-160.	0.7	22
22	Kelp-carbon uptake by Arctic deep-sea food webs plays a noticeable role in maintaining ecosystem structural and functional traits. <i>Journal of Marine Systems</i> , 2020, 203, 103268.	2.1	19
23	Field and culture studies of <i>Gelidium latifolium</i> (Grev.) Born. & Thur. (Rhodophyta) from Norway. <i>Sarsia</i> , 1989, 74, 177-185.	0.5	17
24	Genetic heterogeneity of two bioeconomically important kelp species along the Norwegian coast. <i>Conservation Genetics</i> , 2019, 20, 615-628.	1.5	17
25	Epiphytic macroalgae on the introduced brown seaweed <i>Sargassum muticum</i> (Yendo) Fensholt (Phaeophyceae) in Norway. <i>Sarsia</i> , 2003, 88, 353-364.	0.5	15
26	Alien plants, animals, fungi and algae in Norway: an inventory of neobiota. <i>Biological Invasions</i> , 2019, 21, 2997-3012.	2.4	13
27	<i>Lithothamnion</i> (Hapalidiales, Rhodophyta) in the changing Arctic and Subarctic: DNA sequencing of type and recent specimens provides a systematics foundation*. <i>European Journal of Phycology</i> , 2021, 56, 468-493.	2.0	13
28	DNA barcoding and mucilage ducts in the stipe reveal the presence of <i>Hedophyllum nigripes</i> (Laminariales, Phaeophyceae) in Kongsfjorden (Spitsbergen). <i>Journal of Phycology</i> , 2020, 56, 1245-1254.	2.3	12
29	Geographic variation in fitness-related traits of the bladderwrack <i>Fucus vesiculosus</i> along the Baltic Sea-North Sea salinity gradient. <i>Ecology and Evolution</i> , 2019, 9, 9225-9238.	1.9	11
30	Benthic algal vegetation in Isfjorden, Svalbard. <i>Polar Research</i> , 2015, 34, 25994.	1.6	9
31	Alien species in Norway: Results from quantitative ecological impact assessments. <i>Ecological Solutions and Evidence</i> , 2020, 1, e12006.	2.0	9
32	Effect of canopy biomass and wave exposure on growth in <i>Laminaria hyperborea</i> (Laminariaceae:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.0	8
33	Small-scale removal of seagrass (<i>Zostera marina</i> L.): effects on the infaunal community. <i>Marine Biology Research</i> , 2016, 12, 993-1002.	0.7	7
34	Comparison of <i>Gelidium latifolium</i> (Grev.) Born. et Thur. (Gelidiales, Rhodophyta) isolates from Spain and Norway. <i>Journal of Applied Phycology</i> , 1993, 5, 117-122.	2.8	5
35	Title is missing!. <i>Journal of Applied Phycology</i> , 1998, 10, 253-260.	2.8	4
36	Going With the Flow – Population Genetics of the Kelp <i>Saccharina latissima</i> (Phaeophyceae,). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.5	4

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37	Titanoderma pustulatum(Lamouroux) NÅgeli andLithophyllum crouaniiFoslie (Corallinales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 5 Sarsia, 1995, 80, 41-46.	0.5	2
38	The exudation of nitrate by the kelp<i>Laminaria hyperborea</i>, an observation during<i>in situ</i>incubation experiments. Marine Biology Research, 2014, 10, 725-730.	0.7	1
39	Effects of depth and overgrowth of ephemeral macroalgae on a remote subtidal NE Atlantic eelgrass (Zostera marina) community. Marine Pollution Bulletin, 2022, 177, 113497.	5.0	0