

Per Oj Hall

List of Publications by Year in descending order

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34
papers

2,087
citations

331670

21
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

2477
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ incubations with the Gothenburg benthic chamber landers: Applications and quality control. <i>Journal of Marine Systems</i> , 2021, 214, 103475.	2.1	18
2	Particle shuttling and oxidation capacity of sedimentary organic carbon on the Baltic Sea system scale. <i>Marine Chemistry</i> , 2021, 232, 103963.	2.3	7
3	Less metal fluxes than expected from fibrous marine sediments. <i>Marine Pollution Bulletin</i> , 2020, 150, 110750.	5.0	4
4	Elevated sedimentary removal of Fe, Mn, and trace elements following a transient oxygenation event in the Eastern Gotland Basin, central Baltic Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 16-32.	3.9	23
5	Environmental impact of kelp (<i>Saccharina latissima</i>) aquaculture. <i>Marine Pollution Bulletin</i> , 2020, 155, 110962.	5.0	51
6	Organic carbon recycling in Baltic Sea sediments – An integrated estimate on the system scale based on in situ measurements. <i>Marine Chemistry</i> , 2019, 209, 81-93.	2.3	22
7	Benthic fluxes of oxygen and inorganic nutrients in the archipelago of Gulf of Finland, Baltic Sea – Effects of sediment resuspension measured in situ. <i>Journal of Sea Research</i> , 2018, 135, 95-106.	1.6	23
8	Are benthic fluxes important for the availability of Si in the Gulf of Finland?. <i>Journal of Marine Systems</i> , 2017, 171, 89-100.	2.1	13
9	Effects of oxygen on recycling of biogenic elements from sediments of a stratified coastal Baltic Sea basin. <i>Journal of Marine Systems</i> , 2016, 154, 206-219.	2.1	20
10	The EMSO-ERIC Pan-European Consortium: Data Benefits and Lessons Learned as the Legal Entity Forms. <i>Marine Technology Society Journal</i> , 2016, 50, 8-15.	0.4	10
11	A new approach to model oxygen dependent benthic phosphate fluxes in the Baltic Sea. <i>Journal of Marine Systems</i> , 2015, 144, 127-141.	2.1	33
12	Detection of CO ₂ leakage from a simulated sub-seabed storage site using three different types of pCO ₂ sensors. <i>International Journal of Greenhouse Gas Control</i> , 2015, 38, 121-134.	4.6	51
13	Continuous long-term observations of the carbonate system dynamics in the water column of a temperate fjord. <i>Journal of Marine Systems</i> , 2015, 148, 272-284.	2.1	19
14	Performance of a lifetime-based optode for measuring partial pressure of carbon dioxide in natural waters. <i>Limnology and Oceanography: Methods</i> , 2014, 12, 63-73.	2.0	38
15	Denitrification in the water column of the central Baltic Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 106, 247-260.	3.9	73
16	Recycling and burial of phosphorus in sediments of an anoxic fjord – the By Fjord, western Sweden. <i>Journal of Marine Research</i> , 2013, 71, 351-374.	0.3	13
17	Effects of simulated natural and massive resuspension on benthic oxygen, nutrient and dissolved inorganic carbon fluxes in Loch Creran, Scotland. <i>Journal of Sea Research</i> , 2012, 72, 38-48.	1.6	26
18	Transport of fresh and resuspended particulate organic material in the Baltic Sea – a model study. <i>Journal of Marine Systems</i> , 2011, 87, 1-12.	2.1	63

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19	Societal need for improved understanding of climate change, anthropogenic impacts, and geo-hazard warning drive development of ocean observatories in European Seas. <i>Progress in Oceanography</i> , 2011, 91, 1-33.	3.2	91
20	Effects of resuspension on benthic fluxes of oxygen, nutrients, dissolved inorganic carbon, iron and manganese in the Gulf of Finland, Baltic Sea. <i>Continental Shelf Research</i> , 2009, 29, 807-818.	1.8	103
21	Fluxes of iron and manganese across the sediment-water interface under various redox conditions. <i>Marine Chemistry</i> , 2007, 107, 319-331.	2.3	169
22	A simple sediment process description suitable for 3D-ecosystem modelling – Development and testing in the Gulf of Finland. <i>Journal of Marine Systems</i> , 2006, 61, 55-66.	2.1	45
23	Nitrogen cycling in deep-sea sediments of the Porcupine Abyssal Plain, NE Atlantic. <i>Progress in Oceanography</i> , 2004, 63, 159-181.	3.2	48
24	Recycling and burial of organic carbon in sediments of the Porcupine Abyssal Plain, NE Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 777-791.	1.4	34
25	Benthic fluxes and pore water distributions of dissolved free amino acids in the open Skagerrak. <i>Marine Chemistry</i> , 2000, 71, 53-68.	2.3	11
26	Biogeochemical heterogeneity and suboxic diagenesis in hemipelagic sediments of the Panama Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 133-165.	1.4	101
27	Effect of oxygen on degradation rate of refractory and labile organic matter in continental margin sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 1319-1328.	3.9	268
28	Mineralization and burial of organic carbon in sediments of the southern Weddell Sea (Antarctica). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1997, 44, 955-981.	1.4	58
29	Multivariate experimental methodology applied to the calibration of a Clark type oxygen sensor. <i>Analytica Chimica Acta</i> , 1997, 355, 43-53.	5.4	12
30	Early diagenetic production and sediment-water exchange of fluorescent dissolved organic matter in the coastal environment. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 3619-3629.	3.9	89
31	Benthic nutrient fluxes on a basin-wide scale in the Skagerrak (North-Eastern North Sea). <i>Journal of Sea Research</i> , 1996, 35, 123-137.	1.6	52
32	Arctic sediments (Svalbard): consumption and microdistribution of oxygen. <i>Marine Chemistry</i> , 1994, 46, 293-316.	2.3	72
33	The effect of oxygen on release and uptake of cobalt, manganese, iron and phosphate at the sediment-water interface. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 1281-1288.	3.9	282
34	Benthic fluxes of cadmium, copper, nickel, zinc and lead in the coastal environment. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 1289-1296.	3.9	145