

Lovisa Zillen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,861
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2379
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia-Related Processes in the Baltic Sea. <i>Environmental Science & Technology</i> , 2009, 43, 3412-3420.	10.0	470
2	Hypoxia Is Increasing in the Coastal Zone of the Baltic Sea. <i>Environmental Science & Technology</i> , 2011, 45, 6777-6783.	10.0	364
3	Past occurrences of hypoxia in the Baltic Sea and the role of climate variability, environmental change and human impact. <i>Earth-Science Reviews</i> , 2008, 91, 77-92.	9.1	286
4	The Development of the Baltic Sea Basin During the Last 130 Åka. <i>Central and Eastern European Development Studies</i> , 2011, , 75-97.	0.6	139
5	FENNOSTACK and FENNORPIS: Varve dated Holocene palaeomagnetic secular variation and relative palaeointensity stacks for Fennoscandia. <i>Earth and Planetary Science Letters</i> , 2007, 255, 106-116.	4.4	121
6	Tackling Hypoxia in the Baltic Sea: Is Engineering a Solution?. <i>Environmental Science & Technology</i> , 2009, 43, 3407-3411.	10.0	95
7	Bacterial magnetite in Swedish varved lake-sediments: a potential bio-marker of environmental change. <i>Quaternary International</i> , 2002, 88, 13-19.	1.5	86
8	Rapid early-Holocene environmental changes in northern Sweden based on studies of two varved lake-sediment sequences. <i>Holocene</i> , 2002, 12, 7-16.	1.7	75
9	Towards an event stratigraphy for Baltic Sea sediments deposited since <sc>AD</sc> 1900: approaches and challenges. <i>Boreas</i> , 2017, 46, 129-142.	2.4	43
10	Floristic diversity in the transition from traditional to modern land-use in southern Sweden a.d. 1800â€“2008. <i>Vegetation History and Archaeobotany</i> , 2012, 21, 439-452.	2.1	34
11	Occurrence of varved lake sediment sequences in Varmland, west central Sweden: lake characteristics, varve chronology and AMS radiocarbon dating. <i>Boreas</i> , 2003, 32, 612-626.	2.4	32
12	Stable lead (Pb) isotopes and concentrations â€“ A useful independent dating tool for Baltic Sea sediments. <i>Quaternary Geochronology</i> , 2012, 8, 41-45.	1.4	29
13	Radiocarbon wiggle matching of Swedish lake varves reveals asynchronous climate changes around the 8.2â€“kyr cold event. <i>Boreas</i> , 2010, 39, 720-733.	2.4	26
14	Complexity of the 8â€“ka climate event in Sweden recorded by varved lake sediments. <i>Boreas</i> , 2009, 38, 493-503.	2.4	22
15	Is â€“deep-water formationâ€™ in the Baltic Sea a key to understanding seabed dynamics and ventilation changes over the past 7,000 years?. <i>Quaternary International</i> , 2020, 550, 55-65.	1.5	17
16	Bulk sediment ¹⁴C dating in an estuarine environment: How accurate can it be?. <i>Paleoceanography</i> , 2017, 32, 123-131.	3.0	15
17	Occurrence of varved lake sediment sequences in VÃrmland, west central Sweden: lake characteristics, varve chronology and AMS radiocarbon dating. <i>Boreas</i> , 2003, 32, 612-626.	2.4	7