

# Lovisa Zillen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11573174/publications.pdf>

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	Is "deep-water formation"™ 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
2	Bulk sediment <sup>14</sup> C dating in an estuarine environment: How accurate can it be?. <i>Paleoceanography</i> , 2017, 32, 123-131.	3.0	15
3	Towards an event stratigraphy for Baltic Sea sediments deposited since AD 1900: approaches and challenges. <i>Boreas</i> , 2017, 46, 129-142.	2.4	43
4	Floristic diversity in the transition from traditional to modern land-use in southern Sweden a.d. 1800–2008. <i>Vegetation History and Archaeobotany</i> , 2012, 21, 439-452.	2.1	34
5	Stable lead (Pb) isotopes and concentrations – A useful independent dating tool for Baltic Sea sediments. <i>Quaternary Geochronology</i> , 2012, 8, 41-45.	1.4	29
6	Hypoxia Is Increasing in the Coastal Zone of the Baltic Sea. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6777-6783.	10.0	364
7	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
8	Radiocarbon wiggle matching of Swedish lake varves reveals asynchronous climate changes around the 8.2 kyr cold event. <i>Boreas</i> , 2010, 39, 720-733.	2.4	26
9	Complexity of the 8 kyr climate event in Sweden recorded by varved lake sediments. <i>Boreas</i> , 2009, 38, 493-503.	2.4	22
10	Tackling Hypoxia in the Baltic Sea: Is Engineering a Solution?. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3407-3411.	10.0	95
11	Hypoxia-Related Processes in the Baltic Sea. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3412-3420.	10.0	470
12	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
13	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
14	Occurrence of varved lake sediment sequences in Värmland, west central Sweden: lake characteristics, varve chronology and AMS radiocarbon dating. <i>Boreas</i> , 2003, 32, 612-626.	2.4	7
15	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
16	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
17	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