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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158 papers	14,625 citations	59 h-index	120 g-index
173 ext. papers	17,017 ext. citations	5.8 avg, IF	6.52 L-index

#	Paper	IF	Citations
158	Ecology. Controlling eutrophication: nitrogen and phosphorus. <i>Science</i> , 2009 , 323, 1014-5	33.3	2331
157	Declining oxygen in the global ocean and coastal waters. <i>Science</i> , 2018 , 359,	33.3	909
156	Coupled biogeochemical cycles: eutrophication and hypoxia in temperate estuaries and coastal marine ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2011 , 9, 18-26	5.5	485
155	Climate-driven ecosystem succession in the Sahara: the past 6000 years. <i>Science</i> , 2008 , 320, 765-8	33.3	479
154	Return to Neverland: Shifting Baselines Affect Eutrophication Restoration Targets. <i>Estuaries and Coasts</i> , 2009 , 32, 29-36	2.8	423
153	Hypoxia-related processes in the Baltic Sea. <i>Environmental Science & Technology</i> , 2009 , 43, 3412-20	10.3	381
152	Terrestrial ecosystems and the global biogeochemical silica cycle. <i>Global Biogeochemical Cycles</i> , 2002 , 16, 68-1-68-8	5.9	374
151	Deoxygenation of the Baltic Sea during the last century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5628-33	11.5	339
150	Hypoxia in the Baltic Sea and basin-scale changes in phosphorus biogeochemistry. <i>Environmental Science & Technology</i> , 2002 , 36, 5315-20	10.3	312
149	Internal ecosystem feedbacks enhance nitrogen-fixing cyanobacteria blooms and complicate management in the Baltic Sea. <i>Ambio</i> , 2007 , 36, 186-94	6.5	299
148	Hypoxia is increasing in the coastal zone of the Baltic Sea. <i>Environmental Science & Technology</i> , 2011 , 45, 6777-83	10.3	255
147	Silicon Retention in River Basins: Far-reaching Effects on Biogeochemistry and Aquatic Food Webs in Coastal Marine Environments. <i>Ambio</i> , 2000 , 29, 45-50	6.5	253
146	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	10.2	239
145	Biogeochemical nutrient cycles and nutrient management strategies 1999 , 410, 87-96		235
144	Nutrient pressures and ecological responses to nutrient loading reductions in Danish streams, lakes and coastal waters. <i>Journal of Hydrology</i> , 2005 , 304, 274-288	6	230
143	Review of methodologies for extracting plant-available and amorphous Si from soils and aquatic sediments. <i>Biogeochemistry</i> , 2006 , 80, 89-108	3.8	211
142	Scales of nutrient-limited phytoplankton productivity in Chesapeake Bay. <i>Estuaries and Coasts</i> , 1996 , 19, 371		209

141	LONG-TERM CHANGES AND IMPACTS OF HYPOXIA IN DANISH COASTAL WATERS 2007 , 17, S165-S184		207
140	Comparison of hypoxia among four river-dominated ocean margins: The Changjiang (Yangtze), Mississippi, Pearl, and Rhine rivers. <i>Continental Shelf Research</i> , 2008 , 28, 1527-1537	2.4	180
139	Riverine contribution of biogenic silica to the oceanic silica budget. <i>Limnology and Oceanography</i> , 1997 , 42, 774-777	4.8	179
138	Ecosystem thresholds with hypoxia. <i>Hydrobiologia</i> , 2009 , 629, 21-29	2.4	175
137	Eutrophication-Driven Deoxygenation in the Coastal Ocean. <i>Oceanography</i> , 2014 , 27, 172-183	2.3	173
136	Long-term temporal and spatial trends in eutrophication status of the Baltic Sea. <i>Biological Reviews</i> , 2017 , 92, 135-149	13.5	168
135	Coastal eutrophication and trend reversal: A Danish case study. <i>Limnology and Oceanography</i> , 2006 , 51, 398-408	4.8	161
134	An interlaboratory comparison for the measurement of biogenic silica in sediments. <i>Marine Chemistry</i> , 1998 , 63, 39-48	3.7	159
133	Historical land use change has lowered terrestrial silica mobilization. <i>Nature Communications</i> , 2010 , 1, 129	17.4	157
132	Differences in silica content between marine and freshwater diatoms. <i>Limnology and Oceanography</i> , 1989 , 34, 205-212	4.8	151
131	Characteristics of Danish estuaries. <i>Estuaries and Coasts</i> , 2000 , 23, 820		145
130	Silica: an essential nutrient in wetland biogeochemistry. <i>Frontiers in Ecology and the Environment</i> , 2009 , 7, 88-94	5.5	140
129	Regime shift in a coastal marine ecosystem 2008 , 18, 497-510		128
128	Assessing the extraction and quantification of amorphous silica in soils of forest and grassland ecosystems. <i>European Journal of Soil Science</i> , 2007 , 58, 1446-1459	3.4	126
127	Emerging understanding of the ecosystem silica filter. <i>Biogeochemistry</i> , 2012 , 107, 9-18	3.8	124
126	The continental Si cycle and its impact on the ocean Si isotope budget. <i>Chemical Geology</i> , 2016 , 425, 12-36	16.2	124
125	A welcome can of worms? Hypoxia mitigation by an invasive species. <i>Global Change Biology</i> , 2012 , 18, 422-434	11.4	120
124	Hypoxia in the Baltic Sea: biogeochemical cycles, benthic fauna, and management. <i>Ambio</i> , 2014 , 43, 26-36	5.5	119

123	The Global Biogeochemical Silicon Cycle. <i>Silicon</i> , 2009 , 1, 207-213	2.4	113
122	A sediment chronology of the eutrophication of Chesapeake Bay. <i>Estuaries and Coasts</i> , 1996 , 19, 488		104
121	Palaeoecology, reference conditions and classification of ecological status: the EU Water Framework Directive in practice. <i>Marine Pollution Bulletin</i> , 2004 , 49, 283-90	6.7	103
120	Deforestation causes increased dissolved silicate losses in the Hubbard Brook Experimental Forest. <i>Global Change Biology</i> , 2008 , 14, 2548-2554	11.4	100
119	The transport and retention of dissolved silicate by rivers in Sweden and Finland. <i>Limnology and Oceanography</i> , 2000 , 45, 1850-1853	4.8	92
118	Preservation conditions and the use of sediment pigments as a tool for recent ecological reconstruction in four Northern European estuaries. <i>Marine Chemistry</i> , 2005 , 95, 283-302	3.7	91
117	Transformation of particle-bound phosphorus at the land-sea interface. <i>Estuarine, Coastal and Shelf Science</i> , 1995 , 40, 161-176	2.9	89
116	Transient variations in phytoplankton productivity at the JGOFS Bermuda time series station. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1993 , 40, 903-924	2.5	88
115	Hypoxia sustains cyanobacteria blooms in the Baltic sea. <i>Environmental Science & Technology</i> , 2014 , 48, 2598-602	10.3	86
114	Anthropogenic impact on amorphous silica pools in temperate soils. <i>Biogeosciences</i> , 2011 , 8, 2281-2293	4.6	86
113	Coastal eutrophication and the Danish national aquatic monitoring and assessment program. <i>Estuaries and Coasts</i> , 2002 , 25, 848-861		83
112	Ecology: save the Baltic Sea. <i>Nature</i> , 2012 , 486, 463-4	50.4	81
111	Tackling hypoxia in the Baltic Sea: is engineering a solution?. <i>Environmental Science & Technology</i> , 2009 , 43, 3407-11	10.3	80
110	Sediment-water Nutrient Fluxes in the Gulf of Finland, Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 1997 , 45, 591-598	2.9	79
109	Diffuse and point sources of silica in the Seine River watershed. <i>Environmental Science & Technology</i> , 2006 , 40, 6630-5	10.3	75
108	Fourier transform infrared spectroscopy, a new method for rapid determination of total organic and inorganic carbon and biogenic silica concentration in lake sediments. <i>Journal of Paleolimnology</i> , 2010 , 43, 247-259	2.1	74
107	Potential Role of Sponge Spicules in Influencing the Silicon Biogeochemistry of Florida Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1993 , 50, 296-302	2.4	72
106	Mussel farming as a nutrient reduction measure in the Baltic Sea: consideration of nutrient biogeochemical cycles. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1385-8	6.7	71

105	Efficiency of the coastal filter: Nitrogen and phosphorus removal in the Baltic Sea. <i>Limnology and Oceanography</i> , 2017 , 62, S222-S238	4.8	66
104	A 150-year reconstruction of the history of coastal eutrophication in Roskilde Fjord, Denmark. <i>Marine Pollution Bulletin</i> , 2003 , 46, 1615-8	6.7	64
103	SILICON DEPOSITION DURING THE CELL CYCLE OF THALASSIOSIRA WEISSFLOGII (BACILLARIOPHYCEAE) DETERMINED USING DUAL RHODAMINE 123 AND PROPIDIUM IODIDE STAINING1. <i>Journal of Phycology</i> , 1994 , 30, 45-55	3	63
102	Sediment Record of Biogeochemical Responses to Anthropogenic Perturbations of Nutrient Cycles in Lake Ontario. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988 , 45, 1291-1303	2.4	61
101	Ecological hypotheses for a historical reconstruction of upper trophic level biomass in the Baltic Sea and Skagerrak. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002 , 59, 173-190	2.4	60
100	Biogenic silica as an estimate of siliceous microfossil abundance in Great Lakes sediments. <i>Biogeochemistry</i> , 1988 , 6, 161-179	3.8	59
99	Hypoxia and cyanobacteria blooms - are they really natural features of the late Holocene history of the Baltic Sea?. <i>Biogeosciences</i> , 2010 , 7, 2567-2580	4.6	57
98	Multi-proxy evidence of long-term changes in ecosystem structure in a Danish marine estuary, linked to increased nutrient loading. <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 68, 567-578	2.9	53
97	Lack of steady-state in the global biogeochemical Si cycle: emerging evidence from lake Si sequestration. <i>Biogeochemistry</i> , 2014 , 117, 255-277	3.8	49
96	Magnetic enhancement of Baltic Sea sapropels by greigite magnetofossils. <i>Earth and Planetary Science Letters</i> , 2013 , 366, 137-150	5.3	48
95	Biosilicification Drives a Decline of Dissolved Si in the Oceans through Geologic Time. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	47
94	Past, present and future state of the biogeochemical Si cycle in the Baltic Sea. <i>Journal of Marine Systems</i> , 2008 , 73, 338-346	2.7	46
93	Late Quaternary rapid morphological evolution of an endemic diatom in Yellowstone Lake, Wyoming. <i>Paleobiology</i> , 2006 , 32, 38-54	2.6	46
92	Paleolimnological records of regime shifts in lakes in response to climate change and anthropogenic activities. <i>Journal of Paleolimnology</i> , 2016 , 56, 1-14	2.1	45
91	Silica fluxes and trapping in two contrasting natural impoundments of the upper Mississippi River. <i>Biogeochemistry</i> , 2008 , 87, 217-230	3.8	44
90	Biogenic Silica. <i>Developments in Paleoenvironmental Research</i> , 2002 , 281-293		43
89	A Review of the Stable Isotope Bio-geochemistry of the Global Silicon Cycle and Its Associated Trace Elements. <i>Frontiers in Earth Science</i> , 2018 , 5,	3.5	40
88	Past, Present and Future Eutrophication Status of the Baltic Sea. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	39

87	Factors that Control the Range and Variability of Amorphous Silica in Soils in the Hubbard Brook Experimental Forest. <i>Soil Science Society of America Journal</i> , 2008 , 72, 1637-1644	2.5	39
86	Methodologies for amorphous silica analysis. <i>Journal of Geochemical Exploration</i> , 2006 , 88, 235-238	3.8	39
85	Pedogenic and biogenic alkaline-extracted silicon distributions along a temperate land-use gradient. <i>European Journal of Soil Science</i> , 2014 , 65, 693-705	3.4	38
84	An enormous amorphous silica stock in boreal wetlands. <i>Journal of Geophysical Research</i> , 2010 , 115,		37
83	Frequency, composition, and causes of summer phytoplankton blooms in a shallow coastal ecosystem, the Kattegat. <i>Limnology and Oceanography</i> , 2004 , 49, 191-201	4.8	37
82	Silica and Phosphorus Flux from Sediments: Importance of Internal Recycling in Lake Michigan. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988 , 45, 1030-1035	2.4	37
81	Effects of sediment storage conditions on pigment analyses. <i>Limnology and Oceanography: Methods</i> , 2005 , 3, 477-487	2.6	35
80	Silicate weathering in the Ganges alluvial plain. <i>Earth and Planetary Science Letters</i> , 2015 , 427, 136-148	5.3	34
79	Detecting environmental change in estuaries: Nutrient and heavy metal distributions in sediment cores in estuaries from the Gulf of Finland, Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 76, 45-56	5.9	34
78	Carbon cycling within an East African lake revealed by the carbon isotope composition of diatom silica: a 25-ka record from Lake Challa, Mt. Kilimanjaro. <i>Quaternary Science Reviews</i> , 2013 , 66, 55-63	3.9	33
77	Are recent changes in sediment manganese sequestration in the euxinic basins of the Baltic Sea linked to the expansion of hypoxia?. <i>Biogeosciences</i> , 2015 , 12, 4875-4894	4.6	33
76	Redox Effects on Organic Matter Storage in Coastal Sediments During the Holocene: A Biomarker/Proxy Perspective. <i>Annual Review of Earth and Planetary Sciences</i> , 2016 , 44, 295-319	15.3	33
75	Global importance, patterns, and controls of dissolved silica retention in lakes and reservoirs. <i>Global Biogeochemical Cycles</i> , 2012 , 26, n/a-n/a	5.9	32
74	Diatom stratigraphy and long-term dissolved silica concentrations in the Baltic Sea. <i>Journal of Marine Systems</i> , 2008 , 73, 284-299	2.7	32
73	Biogeochemical and environmental drivers of coastal hypoxia. <i>Journal of Marine Systems</i> , 2015 , 141, 190-199	2.9	31
72	Hypoxia-driven variations in iron and manganese shuttling in the Baltic Sea over the past 8 kyr. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3754-3766	3.6	31
71	QUANTITATIVE ANALYSIS OF SILICEOUS MICROFOSSILS IN THE SEDIMENTS OF LAKE ERIE'S CENTRAL BASIN. <i>Diatom Research</i> , 1987 , 2, 113-134	0.9	31
70	Factors regulating the coastal nutrient filter in the Baltic Sea. <i>Ambio</i> , 2020 , 49, 1194-1210	6.5	30

69	Eutrophication: Time to Adjust Expectations--Response. <i>Science</i> , 2009 , 324, 724-725	33.3	29
68	A silicon depleted North Atlantic since the Palaeogene: Evidence from sponge and radiolarian silicon isotopes. <i>Earth and Planetary Science Letters</i> , 2016 , 453, 67-77	5.3	29
67	Alkaline-extractable silicon from land to ocean: A challenge for biogenic silicon determination. <i>Limnology and Oceanography: Methods</i> , 2015 , 13, 329-344	2.6	28
66	Variations in <i>Melosira islandica</i> valve morphology in Lake Ontario sediments related to eutrophication and silica depletion ¹ . <i>Limnology and Oceanography</i> , 1985 , 30, 414-418	4.8	27
65	Large variations in iron input to an oligotrophic Baltic Sea estuary: impact on sedimentary phosphorus burial. <i>Biogeosciences</i> , 2018 , 15, 6979-6996	4.6	26
64	Late Quaternary rapid morphological evolution of an endemic diatom in Yellowstone Lake, Wyoming. <i>Paleobiology</i> , 2006 , 32, 38-54	2.6	24
63	Tracing silicon cycling in the Okavango Delta, a sub-tropical flood-pulse wetland using silicon isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 142, 132-148	5.5	23
62	Glacio-isostatic control on hypoxia in a high-latitude shelf basin. <i>Geology</i> , 2015 , 43, 427-430	5	23
61	Holocene climate and environmental change in north-eastern Kamchatka (Russian Far East), inferred from a multi-proxy study of lake sediments. <i>Global and Planetary Change</i> , 2015 , 134, 41-54	4.2	22
60	Combining limnology and palaeolimnology to investigate recent regime shifts in a shallow, eutrophic lake. <i>Journal of Paleolimnology</i> , 2014 , 51, 437-448	2.1	21
59	Silicon dynamics in the Oder estuary, Baltic Sea. <i>Journal of Marine Systems</i> , 2008 , 73, 250-262	2.7	21
58	Application of the isotope pairing technique in sediments: Use, challenges, and new directions. <i>Limnology and Oceanography: Methods</i> , 2019 , 17, 112-136	2.6	20
57	Dissolved Organic Nitrogen Inputs from Wastewater Treatment Plant Effluents Increase Responses of Planktonic Metabolic Rates to Warming. <i>Environmental Science & Technology</i> , 2015 , 49, 11411-20 ^{10.3}		20
56	Amorphous Silica Transport in the Ganges Basin: Implications for Si Delivery to the Oceans. <i>Procedia Earth and Planetary Science</i> , 2014 , 10, 271-274		18
55	Rapid Holocene climate changes in the North Atlantic: evidence from lake sediments from the Faroe Islands. <i>Boreas</i> , 2006 , 35, 23-34	2.4	18
54	Historical Relationships between Phosphorus Loading and Biogenic Silica Accumulation in Bay of Quinte Sediments. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985 , 42, 1401-1409	2.4	18
53	Competition between Silicifiers and Non-silicifiers in the Past and Present Ocean and Its Evolutionary Impacts. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	17
52	Short exposure to oxygen and sulfide alter nitrification, denitrification, and DNRA activity in seasonally hypoxic estuarine sediments. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	17

51	Ecological Regime Shifts in Lake Kålsjö, Sweden, in Response to Abrupt Climate Change Around the 8.2 ka Cooling Event. <i>Ecosystems</i> , 2012 , 15, 1336-1350	3.9	16
50	Variability and seasonality of North Atlantic climate during the early Holocene: evidence from Faroe Island lake sediments. <i>Holocene</i> , 2008 , 18, 851-860	2.6	16
49	Silica uptake and release in live and decaying biomass in a northern hardwood forest. <i>Ecology</i> , 2016 , 97, 3044-3057	4.6	16
48	Evolving coastal character of a Baltic Sea inlet during the Holocene shoreline regression: impact on coastal zone hypoxia. <i>Journal of Paleolimnology</i> , 2016 , 55, 319-338	2.1	15
47	The Role of Vegetation in the Okavango Delta Silica Sink. <i>Wetlands</i> , 2015 , 35, 171-181	1.7	14
46	Baltic Sea Hypoxia Takes Many Shapes and Sizes. <i>Limnology and Oceanography Bulletin</i> , 2019 , 28, 125-129	2.9	14
45	Caribbean hydrological variability during the Holocene as reconstructed from crater lakes on the island of Grenada. <i>Journal of Quaternary Science</i> , 2011 , 26, 829-838	2.3	14
44	Enrichment of dissolved silica in the deep equatorial Pacific during the Eocene-Oligocene. <i>Paleoceanography</i> , 2017 , 32, 848-863		13
43	Removal of phosphorus and nitrogen in sediments of the eutrophic Stockholm archipelago, Baltic Sea. <i>Biogeosciences</i> , 2020 , 17, 2745-2766	4.6	12
42	Changes in amorphous silica sequestration with eutrophication of riverine impoundments. <i>Biogeochemistry</i> , 2012 , 108, 413-427	3.8	12
41	Ecosystem thresholds with hypoxia 2009 , 21-29		12
40	Siliceous microfossil succession in Lake Michigan. <i>Limnology and Oceanography</i> , 1990 , 35, 959-967	4.8	12
39	Effects of wastewater treatment plant effluent inputs on planktonic metabolic rates and microbial community composition in the Baltic Sea. <i>Biogeosciences</i> , 2016 , 13, 4751-4765	4.6	12
38	Identification of characteristic regions and representative stations: a study of water quality variables in the Kattegat. <i>Environmental Monitoring and Assessment</i> , 2004 , 90, 203-24	3.1	11
37	Landscape-Scale Variability of Organic Carbon Burial by SW Greenland Lakes. <i>Ecosystems</i> , 2019 , 22, 1706-1720	3.7	9
36	Large differences between carbon and nutrient loss rates along the land to ocean aquatic continuum—Implications for energy:nutrient ratios at downstream sites. <i>Limnology and Oceanography</i> , 2017 , 62, S183-S193	4.8	9
35	Amorphous silica pools in permafrost soils of the Central Canadian Arctic and the potential impact of climate change. <i>Biogeochemistry</i> , 2015 , 124, 441-459	3.8	9
34	Climate dependent diatom production is preserved in biogenic Si isotope signatures. <i>Biogeosciences</i> , 2011 , 8, 3491-3499	4.6	9

33	Estimated storage of amorphous silica in soils of the circum-Arctic tundra region. <i>Global Biogeochemical Cycles</i> , 2016 , 30, 479-500	5.9	9
32	System controls of coastal and open ocean oxygen depletion. <i>Progress in Oceanography</i> , 2021 , 197, 102643	3.8	9
31	The trapping of organic matter within plant patches in the channels of the Okavango Delta: a matter of quality. <i>Aquatic Sciences</i> , 2017 , 79, 661-674	2.5	8
30	Biogeochemical nutrient cycles and nutrient management strategies 1999 , 87-96		8
29	Hypoxia, nutrient management and restoration in danish waters. <i>Coastal and Estuarine Studies</i> , 2001 , 425-434		7
28	Distribution of biogenic silica in the surficial sediments of Lake Michigan. <i>Canadian Journal of Earth Sciences</i> , 1986 , 23, 1442-1449	1.5	7
27	Origin and fate of dissolved organic matter in four shallow Baltic Sea estuaries. <i>Biogeochemistry</i> , 2021 , 154, 385-403	3.8	7
26	What is diatomite?. <i>Quaternary Research</i> , 2020 , 96, 48-52	1.9	6
25	Variability in chemistry of surface and soil waters of an evapotranspiration-dominated flood-pulsed wetland: solute processing in the Okavango Delta, Botswana. <i>Water S A</i> , 2017 , 43, 104	1.3	6
24	Si cycling in transition zones: a study of Si isotopes and biogenic silica accumulation in the Chesapeake Bay through the Holocene. <i>Biogeochemistry</i> , 2019 , 146, 145-170	3.8	6
23	Response to Rose et al. and Petersen et al.. <i>Marine Pollution Bulletin</i> , 2012 , 64, 455-456	6.7	6
22	Constraints on Earth System Functioning at the Paleocene-Eocene Thermal Maximum From the Marine Silicon Cycle. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003873	3.3	5
21	Assessing the Potential of Sponges (Porifera) as Indicators of Ocean Dissolved Si Concentrations. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	5
20	Coupled dynamics of iron, manganese, and phosphorus in brackish coastal sediments populated by cable bacteria. <i>Limnology and Oceanography</i> , 2021 , 66, 2611-2631	4.8	4
19	The contribution of tephra constituents during biogenic silica determination: implications for soil and palaeoecological studies. <i>Biogeosciences</i> , 2015 , 12, 3789-3804	4.6	3
18	Size Structure of Particulate Biogenic Silica in Lake Michigan. <i>Journal of Great Lakes Research</i> , 1991 , 17, 18-24	3	3
17	Impact of human disturbance on the biogeochemical silicon cycle in a coastal sea revealed by silicon isotopes. <i>Limnology and Oceanography</i> , 2020 , 65, 515-528	4.8	3
16	Recovery from multi-millennial natural coastal hypoxia in the Stockholm Archipelago, Baltic Sea, terminated by modern human activity. <i>Limnology and Oceanography</i> , 2020 , 65, 3085-3097	4.8	3

15	Human influence on the continental Si budget during the last 4300 years: B0Sidiatom in varved lake sediments (Tiefer See, NE Germany). <i>Quaternary Science Reviews</i> , 2021 , 258, 106869	3.9	3
14	Modern silicon dynamics of a small high-latitude subarctic lake. <i>Biogeosciences</i> , 2021 , 18, 2325-2345	4.6	3
13	Sediment alkaline-extracted organic matter (AEOM) fluorescence: An archive of Holocene marine organic matter origins. <i>Science of the Total Environment</i> , 2019 , 676, 298-304	10.2	2
12	Rapid Holocene climate changes in the North Atlantic: evidence from lake sediments from the Faroe Islands. <i>Boreas</i> , 2008 , 35, 23-34	2.4	2
11	Phosphorus burial in vivianite-type minerals in methane-rich coastal sediments. <i>Marine Chemistry</i> , 2021 , 231, 103948	3.7	2
10	Silica Stories 2017 ,		1
9	A reply to the comment by Karlsson et al.. <i>Limnology and Oceanography</i> , 2019 , 64, 1832	4.8	1
8	Multi-proxy record of Holocene paleoenvironmental conditions from Yellowstone Lake, Wyoming, USA. <i>Quaternary Science Reviews</i> , 2021 , 274, 107275	3.9	0
7	Linking silicon isotopic signatures with diatom communities. <i>Geochimica Et Cosmochimica Acta</i> , 2022 , 323, 102-122	5.5	0
6	The Venerable Silica Cycle 2017 , 157-176		
5	Silica, Be Dammed! 2017 , 135-156		
4	Yellowstone Lake Coring Projects: Research with a History. <i>Limnology and Oceanography Bulletin</i> , 2018 , 27, 6-10	0.9	
3	Special Issue IBIS 2011: The Biogeochemical Silica Cycle From Land to Ocean. <i>Silicon</i> , 2013 , 5, 1-2	2.4	
2	Quantifying Non-Thermal Silicate Weathering Using Ge/Si and Si Isotopes in Rivers Draining the Yellowstone Plateau Volcanic Field, USA. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2021GC009904	3.6	
1	Impact of Holocene climate change on silicon cycling in Lake 850, Northern Sweden. <i>Holocene</i> , 2021 , 31, 1582-1592	2.6	