CITATION REPORT List of articles citing

A review of factors that regulate carotenoid and chlorophyll deposition and fossil pigment abundance

DOI: 10.1007/bf00677513 Journal of Paleolimnology, 1993, 9, 109-127.

Source: https://exaly.com/paper-pdf/23848708/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
242	Carotenoid protection against oxidation. 1979 , 51, 649-660		368
241	Microalgal Pigment Assessments Using High-Performance Liquid Chromatography: A Synopsis of Organismal and Ecological Applications. 1993 , 50, 2513-2527		164
240	Palaeolimnological studies of the eutrophication of volcanic Lake Albano (Central Italy). <i>Journal of Paleolimnology</i> , 1994 , 10, 181-197	2.1	37
239	Fossil Pigment Records of Phytoplankton in Trout-stocked Alpine Lakes. 1994 , 51, 2411-2423		76
238	Fossil record of cladoceran and algal responses to fishery management practices. 1995 , 34, 177-190		12
237	Organic Matter Accumulation Records in Lake Sediments. 1995 , 279-328		61
236	The Late Quaternary palaeoenvironmental history of a presently deep freshwater lake in east-central Alberta, Canada and palaeoclimate implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology,</i> 1996 , 123, 161-178	2.9	21
235	The environmental history of a mountain lake (Lago Paione Superiore, Central Alps, Italy) for the last c. 100 years: a multidisciplinary, palaeolimnological study. <i>Journal of Paleolimnology</i> , 1996 , 15, 245-	2 6 4	48
234	Assessing Impacts of Past Human Activity on the Water Quality of Upper Saranac Lake, New York. 1997 , 13, 175-184		3
233	A late glacial and holocene record of biological and environmental changes from the crater Lake Albano, Central Italy: An interdisciplinary european project (PALICLAS). 1997 , 99, 601-613		5
232	Organic geochemical proxies of paleoceanographic, paleolimnologic, and paleoclimatic processes. 1997 , 27, 213-250		1456
231	Past ultraviolet radiation environments in lakes derived from fossil pigments. 1997 , 388, 457-459		170
230	Mass Spectrometry and reverse phase HPLC techniques for the identification of degraded fossil pigments in lake sediments and their application in palaeolimnology. <i>Journal of Paleolimnology</i> , 1997 , 18, 335-350	2.1	21
229	Analysis of fossil pigments from algae and bacteria in meromictic Lake Fidler, Tasmania, and its application to lake management. <i>Journal of Paleolimnology</i> , 1998 , 19, 1-22	2.1	31
228	Biotransformation of monoterpenes, bile acids, and other isoprenoids in anaerobic ecosystems. 1998 , 22, 475-88		103
227	Fossil pigments as indicators of phototrophic response to salinity and climatic change in lakes of western Canada. 1998 , 55, 668-681		40
226	Assessment of grazing by the freshwater copepod Diaptomus minutus using carotenoid pigments: a caution. 1999 , 21, 127-145		10

(2001-1999)

225	An individual-based model of pigment flux in lakes: implications for organic biogeochemistry and paleoecology. 1999 , 56, 1964-1977	67
224	Organic matter and pigments in surface sediments: possible mechanisms of their horizontal distributions in a stratified lake. 1999 , 56, 1001-1010	35
223	Limnological succession in reservoirs: a paleolimnological comparison of two methods of reservoir formation. 1999 , 56, 1109-1121	55
222	Changes in carbon and nitrogen cycling during tree-line retreat recorded in the isotopic content of lacustrine organic matter, western Taimyr Peninsula, Russia. 1999 , 9, 215-222	56
221	Ancient blue-green blooms. Limnology and Oceanography, 1999 , 44, 436-439 4.8	38
220	DIFFERENTIAL RESPONSES OF LITTORAL COMMUNITIES TO ULTRAVIOLET RADIATION IN AN ALPINE LAKE. 1999 , 80, 223-237	87
219	Diatoms as indicators of lake eutrophication. 128-168	89
218	Cyanobacterial blooms in the Baltic Sea: Natural or human-induced?. <i>Limnology and Oceanography</i> , 2000 , 45, 716-726	220
217	Increased ecosystem variability and reduced predictability following fertilisation: Evidence from palaeolimnology. 2000 , 3, 340-348	60
216	Effects of sequential depositional basins on lake response to urban and agricultural pollution: a palaeoecological analysis of the Qu'Appelle Valley, Saskatchewan, Canada. 2000 , 43, 319-337	23
215	C/N ratio and fossil pigments in sediments of some Estonian lakes: an evidence of human impact and Holocene environmental change. 2000 , 64, 549-567	12
214	High resolution analysis of fossil pigments, carbon, nitrogen and sulphur in the sediment of eight European Alpine lakes: the MOLAR project. 2000 , 59, 15	16
213	Eight hundred years of environmental changes in a high Alpine lake (Gossenkllesee, Tyrol) inferred from sediment records. 2000 , 59, 43	20
212	Recent Eutrophication Histories in Lac Ste. Anne and Lake Isle, Alberta, Canada, Inferred Using Paleolimnological Methods. 2000 , 16, 292-304	10
211	Tracking Environmental Change Using Lake Sediments. <i>Developments in Paleoenvironmental Research</i> , 2001 ,	32
210	Historical trends of hypoxia on the Louisiana shelf: application of pigments as biomarkers. 2001 , 32, 543-561	117
209	The value of paleoecology as an aid to monitoring ecosystems and landscapes, chiefly with reference to North America. 2001 , 9, 99-126	13
208	Occurrence of high concentrations of a unique degradation product of chlorophyll-a in particles residing below the thermocline throughout a period of oxygen depletion in Lake Kinneret. 2001 , 60, 201	1

207	Countergradient variation and secondary sexual color: phenotypic convergence promotes genetic divergence in carotenoid use between sympatric anadromous and nonanadromous morphs of sockeye salmon (Oncorhynchus nerka). 2001 , 55, 380-91		95
206	COUNTERGRADIENT VARIATION AND SECONDARY SEXUAL COLOR: PHENOTYPIC CONVERGENCE PROMOTES GENETIC DIVERGENCE IN CAROTENOID USE BETWEEN SYMPATRIC ANADROMOUS AND NONANADROMOUS MORPHS OF SOCKEYE SALMON (ONCORHYNCHUS NERKA). 2001 , 55, 380		6
205	Sediment evidence of early eutrophication and heavy metal pollution of Lake Mlaren, central Sweden. 2001 , 30, 496-502		27
204	Sedimentological Effects of Aeration-Induced Lake Circulation. 2002, 18, 201-214		5
203	Sedimentary Pigments. Developments in Paleoenvironmental Research, 2002, 295-325		79
202	Palaeoproductivity and environmental changes during the Holocene in central Italy as recorded in two crater lakes (Albano and Nemi). 2002 , 88, 57-68		26
201	Recent history of sediment deposition in marl- and sand-based marshes of Belize, Central America. <i>Catena</i> , 2002 , 48, 267-291	5.8	22
2 00	Plant Pigments in the Ivankovo Reservoir Silts as Indicators of Destruction Processes. <i>Water Resources</i> , 2003 , 30, 315-325	0.9	2
199	A comparison of sediment and monitoring data: implications for paleomonitoring a small lake. 2003 , 89, 1-13		10
198	Probable causes for cyanobacterial expansion in the Baltic Sea: Role of anoxia and phosphorus retention. 2003 , 26, 680-689		19
197	Sedimentary photosynthetic pigments of algae and phototrophic bacteria in Lake Hamana, Japan: temporal changes of anoxia in its five basins. 2003 , 4, 139-148		8
196	A methodology for combined palynological and molecular geochemical high-resolution analysis of lake sediments. 2003 , 126, 131-144		1
195	Colonization, succession, and extinction of marine floras during a glacial cycle: A case study from the Windmill Islands (east Antarctica) using biomarkers. 2003 , 18, n/a-n/a		29
194	Wildfire impacts on phytoplankton communities of three small lakes on the Boreal Plain, Alberta, Canada: a paleolimnological study. 2003 , 60, 584-593		13
193	USE OF ALGAE IN ENVIRONMENTAL ASSESSMENTS. 2003 , 775-804		41
192	Palaeolimnology. 609-666		1
191	Coastal oceanographic conditions in the Prydz Bay region (East Antarctica) during the Holocene recorded in an isolation basin. 2004 , 14, 246-257		38
190	Potential Sources of Hydrogel Stabilization of Florida Bay Lime Mud Sediments and Implications for Organic Matter Preservation. 2004 , 202, 448-463		5

[2006-2004]

189	Ecosystem history of Mississippi River-influenced continental shelf revealed through preserved phytoplankton pigments. <i>Marine Pollution Bulletin</i> , 2004 , 49, 537-47	6.7	51	
188	Historical development and past ecological state of two danish shallow lakes. 2004 , 4, 101-106		1	
187	Lake Maggiore (N. Italy) trophic history: fossil diatom, plant pigments, and chironomids, and comparison with long-term limnological data. 2004 , 113, 97-110		47	
186	Preservation conditions and the use of sediment pigments as a tool for recent ecological reconstruction in four Northern European estuaries. 2005 , 95, 283-302		91	
185	Phytoplankton pigments and community composition in Lake Tanganyika. 2005 , 50, 668-684		64	
184	Evaluation of Microphytobenthos Productivity in Lake Pleshcheevo Based on Plant Pigment Stock. <i>Water Resources</i> , 2005 , 32, 678-687	0.9		
183	The use of sedimentary algal pigments to infer historic algal communities in Lake Apopka, Florida. <i>Journal of Paleolimnology</i> , 2005 , 33, 53-71	2.1	35	
182	Signature pigments of green sulfur bacteria in lower Pleistocene deposits from the Banyoles lacustrine area (Spain). <i>Journal of Paleolimnology</i> , 2005 , 34, 271-280	2.1	18	
181	Depth distribution of photosynthetic pigments and diatoms in the sediments of a microtidal fjord. <i>Hydrobiologia</i> , 2005 , 534, 117-130	2.4	17	
180	Cyanobacterial Proliferation is a Recent Response to Eutrophication in Many Florida Lakes: A Paleolimnological Assessment. 2005 , 21, 423-435		33	
179	Inferring sedimentary chlorophyll concentrations with reflectance spectroscopy: a novel approach to reconstructing historical changes in the trophic status of mountain lakes. 2005 , 62, 1067-1078		49	
178	Effects of sediment storage conditions on pigment analyses. 2005 , 3, 477-487		35	
177	CONTROLS OF ALGAL ABUNDANCE AND COMMUNITY COMPOSITION DURING ECOSYSTEM STATE CHANGE. 2005 , 86, 2200-2211		93	
176	Flux of lipophilic photosynthetic pigments to the surface sediments of Lake Baikal. 2005 , 46, 29-44		16	
175	Century-long synchrony of fossil algae in a chain of Canadian prairie lakes. 2006 , 87, 1710-21		36	
174	Palaeoenvironmental Changes Inferred from Biological Remains in Short Lake Sediment Cores from the Central Alps and Dolomites. <i>Hydrobiologia</i> , 2006 , 562, 167-191	2.4	22	
173	Sedimentation Patterns of Photosynthetic Bacteria Based on Pigment Markers in Meromictic Lake La Cruz (Spain): Paleolimnological Implications. <i>Journal of Paleolimnology</i> , 2006 , 35, 167-177	2.1	24	
172	Records of environmental and climatic changes during the late Holocene from Svalbard: palaeolimnology of Kongressvatnet. <i>Journal of Paleolimnology</i> , 2006 , 36, 325-351	2.1	46	

171	Variable effects of marine-derived nutrients on algal production in salmon nursery lakes of Alaska during the past 300 years. <i>Limnology and Oceanography</i> , 2007 , 52, 1588-1598	4.8	13
170	PALEOLIMNOLOGY Pigment Studies. 2007, 2062-2074		4
169	Factors influencing the variability of pigments in the surface sediments of mountain lakes. 2007 , 52, 1365-1379		52
168	Accumulation of sedimentary photosynthetic pigments characterized by pyropheophorbide a and steryl chlorin esters (SCEs) in a shallow eutrophic coastal lake (Lake Hamana, Japan). 2007 , 71, 287-300		6
167	Combining limnological and palaeolimnological approaches in assessing degradation of Lake Pskov. <i>Hydrobiologia</i> , 2007 , 584, 121-132	2.4	18
166	Sedimentary Steryl Chlorin Esters (SCEs) and Other Photosynthetic Pigments as Indicators of Paleolimnological Change Over the Last 28,000 Years from the Buguldeika Saddle of Lake Baikal. <i>Journal of Paleolimnology</i> , 2007 , 37, 163-175	2.1	31
165	Phytoplankton response to climate changes in Lake Baikal during the Holocene and Kazantsevo Interglacials assessed from sedimentary pigments. <i>Journal of Paleolimnology</i> , 2007 , 37, 177-203	2.1	27
164	Cyanobacteria as a trigger for increased primary productivity during sapropel formation in the Baltic Seall study of the Ancylus/Litorina transition. <i>Journal of Paleolimnology</i> , 2007 , 38, 1-12	2.1	19
163	On the contribution of phytoplankton and benthic biofilms to the sediment record of marker pigments in high mountain lakes. <i>Journal of Paleolimnology</i> , 2008 , 40, 369-383	2.1	23
162	Influence of drought on algal biofilms and meiofaunal assemblages of temperate reservoirs and rivers. <i>Hydrobiologia</i> , 2008 , 598, 77-94	2.4	19
161	History of anthropogenically mediated eutrophication of Lake Peipsi as revealed by the stratigraphy of fossil pigments and molecular size fractions of pore-water dissolved organic matter. <i>Hydrobiologia</i> , 2008 , 599, 49-58	2.4	25
160	Spatiotemporal Patterns of Subtidal Benthic Microalgal Biomass and Community Composition in Galveston Bay, Texas, USA. <i>Estuaries and Coasts</i> , 2008 , 31, 444-454	2.8	9
159	Climate Versus In-Lake Processes as Controls on the Development of Community Structure in a Low-Arctic Lake (South-West Greenland). 2008 , 11, 307-324		77
158	European Large Lakes Ecosystem changes and their ecological and socioeconomic impacts. 2008,		2
157	Downward flux of organic matter and pigments in Lake Kinneret (Israel): relationships between phytoplankton and the material collected in sediment traps. 2008 , 30, 1189-1202		20
156	Exploitation and destabilization of a warm, freshwater ecosystem through engineered hydrological change. 2008 , 18, 1591-603		11
155	An environmental record of changes in sedimentary organic matter from Lake Sattal in Kumaun Himalayas, India. 2009 , 407, 2783-95		28
154	Eutrophication and heavy metal pollution in the Flensburg Fjord: A reassessment after 30 years. Marine Pollution Bulletin, 2009 , 58, 905-15	6.7	14

(2010-2009)

153	Palaeolimnology of Lake Hess (Patagonia, Argentina): multi-proxy analyses of short sediment cores. <i>Hydrobiologia</i> , 2009 , 631, 289-302	2.4	8
152	Anthropogenic influences on estuarine sedimentation and ecology: examples from the varved sediments of the Pettaquamscutt River Estuary, Rhode Island. <i>Journal of Paleolimnology</i> , 2009 , 41, 297-	-314	17
151	Biomarker evidence of macrophyte and plankton community changes in Zeekoevlei, a shallow lake in South Africa. <i>Journal of Paleolimnology</i> , 2009 , 41, 507-521	2.1	19
150	Shallow lake trophic status linked to late Holocene climate and human impacts. <i>Journal of Paleolimnology</i> , 2009 , 42, 51-64	2.1	25
149	A sediment record of recent nutrient loading and trophic state change in Lake Norrviken, Sweden. Journal of Paleolimnology, 2009 , 42, 325-341	2.1	36
148	Biogeochemical records of paleoenvironmental changes in Nainital Lake, Kumaun Himalayas, India. <i>Journal of Paleolimnology</i> , 2009 , 42, 571-586	2.1	24
147	Photoautotrophic community changes in Lagunillo del Tejo (Spain) in response to lake level fluctuation: Two centuries of sedimentary pigment records. 2009 , 40, 376-386		19
146	Bacterial dominance of phototrophic communities in a High Arctic lake and its implications for paleoclimate analysis. 2009 , 3, 147-161		18
145	Palaeolimnology of Lake Hess (Patagonia, Argentina): multi-proxy analyses of short sediment cores. 2009 , 289-302		
144	Palaeolimnological Proxies as Tools of Environmental Reconstruction in Fresh Water. 2009,		2
143	Recent sedimentary legacy of sockeye salmon (Oncorhynchus nerka) and climate change in an ultraoligotrophic, glacially turbid British Columbia nursery lake. 2009 , 66, 1141-1152		4
142	The chlorophyll content in water and bottom sediments of the Rybinsk Reservoir. <i>Inland Water Biology</i> , 2010 , 3, 240-248	0.7	1
141	Organic geochemical record of increased productivity in Lake Naukuchiyatal, Kumaun Himalayas, India. 2010 , 60, 837-843		18
140	Development and application of sedimentary pigments for assessing effects of climatic and environmental changes on subarctic lakes in northern Sweden. <i>Journal of Paleolimnology</i> , 2010 , 43, 149	- 1 69	37
139	Primary production in Lake La Cruz (Spain) over the last four centuries: reconstruction based on sedimentary signal of photosynthetic pigments. <i>Journal of Paleolimnology</i> , 2010 , 43, 771-786	2.1	25
138	Phytoplankton dynamics in Lake Biwa during the 20th century: complex responses to climate variation and changes in nutrient status. <i>Journal of Paleolimnology</i> , 2010 , 44, 69-83	2.1	21
137	Algal-silica cycling and pigment diagenesis in recent alpine lake sediments: mechanisms and paleoecological implications. <i>Journal of Paleolimnology</i> , 2010 , 44, 613-628	2.1	19
136	Sedimentary evidence for recent increases in production in Tibetan plateau lakes. <i>Hydrobiologia</i> , 2010 , 648, 175-187	2.4	30

135	A review of molecular organic proxies for examining modern and ancient lacustrine environments. <i>Quaternary Science Reviews</i> , 2011 , 30, 2851-2891	3.9	251
134	Long-term pigment dynamics and diatom survival in dark sediment. <i>Limnology and Oceanography</i> , 2011 , 56, 1065-1074	4.8	34
133	Carotenoids of phototrophic organisms in bottom sediments of meromictic Lake Shira (Siberia, Russia) as an indicator of past stratification. 2011 , 439, 228-31		10
132	Use of sedimentary pigments to infer past phosphorus concentration in lakes. <i>Journal of Paleolimnology</i> , 2011 , 45, 433-445	2.1	47
131	Cyanobacteria and microcystin in the Nebraska (USA) Sand Hills Lakes before and after modern agriculture. <i>Journal of Paleolimnology</i> , 2011 , 46, 17-27	2.1	16
130	Multi-proxy paleolimnological assessment of biogeochemical versus food web controls on the trophic states of two shallow, mesotrophic lakes. <i>Journal of Paleolimnology</i> , 2011 , 46, 45-57	2.1	6
129	The influence of Holocene tree-line advance and retreat on an arctic lake ecosystem: a multi-proxy study from Kharinei Lake, North Eastern European Russia. <i>Journal of Paleolimnology</i> , 2011 , 46, 123-137	2.1	44
128	A multiple biomarker approach to tracking the fate of an ice algal bloom to the sea floor. 2011 , 34, 101	-112	31
127	Chlorophyll-a and derivatives in recent sediments as indicators of productivity and depositional conditions. 2011 , 125, 39-48		36
126	Dynamics of phytoplankton pigments in water and surface sediments of a large shallow lake. 2011 , 60, 91		13
125	Spatial distribution of diatom and pigment sedimentary records in surface sediments in Doubtful Sound, Fiordland, New Zealand. 2011 , 45, 591-608		9
124	Analysis of historical trend of carotenoid concentrations in sediment cores from Lake Shinji, Japan. 2012 , 46, 225-233		4
123	Carotenoids in bottom sediments of lake Shira as a paleoindicator for reconstruction of Lake States in Khakassiya, Russia. 2012 , 5, 434-442		4
122	Algal community responses to shallow lake dystrophication1This article is derived from a special session entitled A New Hydrology: Inflow Effects on Ecosystem Form and Functioning that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico 2012 , 69, 1433-	-1443	14
121	Green mosses date the Storegga tsunami to the chilliest decades of the 8.2 ka cold event. <i>Quaternary Science Reviews</i> , 2012 , 45, 1-6	3.9	43
120	Sedimentation of phytoplankton: role of ambient conditions and life strategies of algae. <i>Hydrobiologia</i> , 2012 , 698, 111-120	2.4	5
119	Interactions of temperature and nutrient changes: effects on phytoplankton in the Piburger See (Tyrol, Austria). 2012 , 57, 2057-2075		23
118	Humans and climate as drivers of algal community change in Windermere since 1850. 2012 , 57, 260-277		57

(2015-2012)

117	Biomarker pigment signatures in Cochin back water system LA tropical estuary south west coast of India. 2012 , 99, 182-190		22
116	High resolution mapping of sediment organic matter from acoustic reflectance data. <i>Hydrobiologia</i> , 2012 , 680, 265-284	2.4	14
115	A 2300-year record of environmental change from SW Anatolia, Lake Burdur, Turkey. <i>Journal of Paleolimnology</i> , 2013 , 49, 647-662	2.1	17
114	Cascading effects of generalist fish introduction in oligotrophic lakes. <i>Hydrobiologia</i> , 2013 , 711, 99-113	2.4	9
113	Historical variability in past phytoplankton abundance and composition in Doubtful Sound, New Zealand. 2013 , 69, 110-122		5
112	A 100-year record of changes in organic matter characteristics and productivity in Lake Bhimtal in the Kumaon Himalaya, NW India. <i>Journal of Paleolimnology</i> , 2013 , 49, 129-143	2.1	17
111	Sediment pigments and silting rate as indicators of the trophic condition of the Rybinsk Reservoir. <i>Water Resources</i> , 2013 , 40, 54-60	0.9	6
110	Responses of microbial phototrophs to late-Holocene environmental forcing of lakes in south-west Greenland. 2013 , 58, 690-704		13
109	Carbon biogeochemistry in the continuum of the Changjiang (Yangtze) River watersheds across the East China Sea. 237-273		O
108	PALEOLIMNOLOGY Pigment Studies. 2013, 326-338		13
108	PALEOLIMNOLOGY Pigment Studies. 2013, 326-338 HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake sediments at Edmonson Point. 2013, 2013, 741906		13
	HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake		
107	HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake sediments at Edmonson Point. 2013 , 2013, 741906 Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas:	2.1	2
107	HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake sediments at Edmonson Point. 2013 , 2013, 741906 Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas: biogeographical and paleoecological implications. 2014 , 73, Sedimentary pigments as indicators of cyanobacterial dynamics in a hypereutrophic lake. <i>Journal of</i>	2.1	2
107 106 105	HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake sediments at Edmonson Point. 2013, 2013, 741906 Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas: biogeographical and paleoecological implications. 2014, 73, Sedimentary pigments as indicators of cyanobacterial dynamics in a hypereutrophic lake. <i>Journal of Paleolimnology</i> , 2014, 52, 171-184 Catchment-mediated atmospheric nitrogen deposition drives ecological change in two alpine lakes	2.1	2 4 25
107 106 105	HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake sediments at Edmonson Point. 2013, 2013, 741906 Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas: biogeographical and paleoecological implications. 2014, 73, Sedimentary pigments as indicators of cyanobacterial dynamics in a hypereutrophic lake. <i>Journal of Paleolimnology</i> , 2014, 52, 171-184 Catchment-mediated atmospheric nitrogen deposition drives ecological change in two alpine lakes in SE Tibet. 2014, 20, 1614-28 Reconstruction of anthropogenic eutrophication in the region off the Changjiang Estuary and	2.1	2 4 25 47
107 106 105 104	HPLC-DAD-ESI/MS identification of light harvesting and light screening pigments in the lake sediments at Edmonson Point. 2013, 2013, 741906 Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas: biogeographical and paleoecological implications. 2014, 73, Sedimentary pigments as indicators of cyanobacterial dynamics in a hypereutrophic lake. <i>Journal of Paleolimnology</i> , 2014, 52, 171-184 Catchment-mediated atmospheric nitrogen deposition drives ecological change in two alpine lakes in SE Tibet. 2014, 20, 1614-28 Reconstruction of anthropogenic eutrophication in the region off the Changjiang Estuary and central Yellow Sea: From decades to centuries. 2014, 72, 152-162 Spring temperature variability and eutrophication history inferred from sedimentary pigments in	2.1	2 4 25 47 32

99	An 800-year ultraviolet radiation record inferred from sedimentary pigments in the Ross Sea area, East Antarctica. 2015 , 44, 693-705		6
98	Cyanobacterial dynamics in shallow Lake Apopka (Florida, U.S.A.) before and after the shift from a macrophyte-dominated to a phytoplankton-dominated state. 2015 , 60, 1571-1580		18
97	The coming and going of a marl lake: multi-indicator palaeolimnology reveals abrupt ecological change and alternative views of reference conditions. 2015 , 3,		9
96	Tracking past changes in lake-water phosphorus with a 251-lake calibration dataset in British Columbia: tool development and application in a multiproxy assessment of eutrophication and recovery in Osoyoos Lake, a transboundary lake in Western North America. 2015 , 3,		26
95	Multiproxy reconstruction of a large and deep subalpine lake's ecological history since the Middle Ages. 2015 , 41, 982-994		15
94	Late Quaternary carbon cycling responses to environmental change revealed by multi-proxy analyses of a sediment core from an upland lake in southwest China. 2015 , 84, 415-422		8
93	Clearing the muddy waters: using lake sediment records to inform agricultural management. <i>Journal of Paleolimnology</i> , 2015 , 53, 1-15	2.1	4
92	Environmental change in subtropical South America for the last two millennia as shown by lacustrine pigments. <i>Journal of Paleolimnology</i> , 2015 , 53, 233-250	2.1	12
91	Effects of glacier meltwater on the algal sedimentary record of an alpine lake in the central US Rocky Mountains throughout the late Holocene. <i>Journal of Paleolimnology</i> , 2015 , 53, 385-399	2.1	18
90	Temporal trends in cyanobacteria revealed through DNA and pigment analyses of temperate lake sediment cores. <i>Journal of Paleolimnology</i> , 2015 , 54, 87-101	2.1	31
89	Historical Reconstruction of Phytoplankton Composition in Estuaries of Fiordland, New Zealand: the Application of Plant Pigment Biomarkers. <i>Estuaries and Coasts</i> , 2015 , 38, 56-71	2.8	9
88	Paleolimnology as a Tool to Achieve Environmental Sustainability in the Anthropocene: An Overview. 2016 , 6, 26		23
87	Recording of climate and diagenesis through sedimentary DNA and fossil pigments at Laguna Potrok Aike, Argentina. 2016 , 13, 2475-2492		18
86	Effects of hydrological regulation and anthropogenic pollutants on Dongting Lake in the Yangtze floodplain. 2016 , 9, 315-325		27
85	Sedimentary pigments and nature of organic matter within the oxygen minimum zone (OMZ) of the Eastern Arabian Sea (Indian margin). 2016 , 176, 91-101		11
84	Impacts of land use and climate variability on algal communities since ~1850 CE in an oligotrophic estuary in northeastern New Brunswick, Canada. <i>Journal of Paleolimnology</i> , 2016 , 55, 151-165	2.1	11
83	Spatiotemporal variations of phytoplankton in the East China Sea and the Yellow Sea revealed by lipid biomarkers. 2016 , 121, 109-125		23
82	Records of bulk organic matter and plant pigments in sediment of the Eed-tide zone didjacent to the Changjiang River estuary. 2016 , 34, 915-927		4

81	Long-term perspectives on terrestrial and aquatic carbon cycling from palaeolimnology. 2016, 3, 211-234	19
80	Little Ice Age to Present Paleoenvironmental Reconstruction Based on Multiproxy Analyses from Nahuel Huapi Lake (Patagonia, Argentina). 2016 , 53, 58-73	6
79	Effects of intensive mariculture on the sediment environment as revealed by phytoplankton pigments in a semi-enclosed bay, South China Sea. 2017 , 48, 1923-1935	9
78	Comparative Study of the Stability of Stratification and the Food Web Structure in the Meromictic Lakes Shira and Shunet (South Siberia, Russia). 2017 , 89-124	3
77	Decadal variations in diatoms and dinoflagellates on the inner shelf of the East China Sea, China. 2017 , 35, 1374-1386	7
76	Web image search revealed large-scale variations in breeding season and nuptial coloration in a mutually ornamented fish, Tribolodon hakonensis. 2017 , 32, 567-578	9
75	Connecting pigment composition and dissolved trace elements to phytoplankton population in the southern Benguela Upwelling zone (St. Helena Bay). 2017 , 176, 13-23	O
74	Effects of long term nutrient and climate variability on subfossil Cladocera in a deep, subalpine lake (Lake Garda, northern Italy). <i>Journal of Paleolimnology</i> , 2017 , 58, 335-351	11
73	Tracking trends in eutrophication based on pigments in recent coastal sediments. 2017 , 59, 1-17	21
72	Reconstructing a long-term record of microcystins from the analysis of lake sediments. 2017 , 579, 893-901	22
71	Sediment reflectance spectroscopy as a paleo-hydrological proxy in East Africa. 2018 , 16, 92-105	6
70	Assessing sedimentation in a temperate dystrophic lake in the NE Atlantic seaboard region. <i>Journal of Paleolimnology</i> , 2018 , 60, 117-131	3
69	Assessing environmental controls on the distribution of long-chain alkenones in the Canadian Prairies. 2018 , 117, 43-55	14
68	Historical shifts in oxygenation regime as recorded in the laminated sediments of lake Montcort (Central Pyrenees) support hypoxia as a continental-scale phenomenon. 2018 , 612, 1577-1592	20
67	Natural and anthropogenic forcing of Holocene lake ecosystem development at Lake Uddelermeer (The Netherlands). <i>Journal of Paleolimnology</i> , 2018 , 59, 329-347	6
66	Long-Term Hydrologic Fluctuations and Dynamics of Primary Producers in a Tropical Crater Lake. 2018 , 6,	3
65	Content of Plant Pigments in the Bottom Sediments of the Water Bodies of Vietnam. <i>Inland Water Biology</i> , 2018 , 11, 278-285	2
64	Large and deep perialpine lakes: a paleolimnological perspective for the advance of ecosystem science. <i>Hydrobiologia</i> , 2018 , 824, 291-321	10

63	Vegetation transitions drive the autotrophyfleterotrophy balance in Arctic lakes. 2018, 3, 246-255		12
62	The spatial distribution of phytoplankton pigments in the surface sediments of the Kongsfjorden and Krossfjorden ecosystem of Svalbard, Arctic. 2019 , 31, 100815		2
61	Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis. <i>Journal of Paleolimnology</i> , 2019 , 61, 403-417	2.1	9
60	Selective feeding of bay scallop Argopecten irradians on phytoplankton community revealed by HPLC analysis of phytopigments in Bohai Sea, China. 2019 , 37, 1746-1755		1
59	Photosynthetic pigments in surface sediments in the northwest of the Bohai Sea, China: Potential implications for sediment deposition of brown tides of Aureococcus anophagefferens in coastal waters. 2019 , 102, 145-153		5
58	Chlorophyll nitrogen isotope values track shifts between cyanobacteria and eukaryotic algae in a natural phytoplankton community in Lake Erie. 2019 , 128, 71-77		1
57	Canthaxanthin in recent sediments as an indicator of heterocystous cyanobacteria in coastal waters. 2019 , 61, 78-88		8
56	Biogeochemical proxies and diatoms in surface sediments across the Drake Passage reflect oceanic domains and frontal systems in the region. 2019 , 174, 72-88		11
55	Reconstruction of trophic state shifts over the past 90 years in a eutrophicated lake in western Switzerland, inferred from the sedimentary record of photosynthetic pigments. <i>Journal of Paleolimnology</i> , 2019 , 61, 129-145	2.1	8
54	Flood-triggered versus earthquake-triggered turbidites: A sedimentological study in clastic lake sediments (Eklutna Lake, Alaska). 2020 , 67, 364-389		17
53	Sedimentation of ballasted cells-free EPS in meromictic Fayetteville Green Lake. 2020 , 18, 80-92		О
52	Complex responses of phototrophic communities to climate warming during the Holocene of northeastern Ontario, Canada. 2020 , 30, 272-288		4
51	A Holocene high-resolution record of aquatic productivity, seasonal anoxia and meromixis from varved sediments of Lake Ezduny, North-Eastern Poland: insight from a novel multi-proxy approach. 2020 , 35, 1070-1080		8
50	Reconstruction of 7500 years of coastal environmental change impacting seagrass ecosystem dynamics in Oyster Harbour (SW Australia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 558, 109953	2.9	4
49	Okenone in Bottom Sediments as a Proxy for Changes in the Water Level of a Saline Stratified Lake. 2020 , 493, 565-568		0
48	Geochemical and palynological analysis of Faiyum Lake sediments, Egypt: Implications for holocene paleoclimate. 2020 , 167, 103864		1
47	Quantification of chlorophyll a, chlorophyll b and pheopigments a in lake sediments through deconvolution of bulk UVIVIS absorption spectra. <i>Journal of Paleolimnology</i> , 2020 , 64, 243-256	2.1	12
46	Paleolimnological reconstruction of the centennial eutrophication processes in a sub-tropical South American reservoir. 2020 , 103, 102707		7

45	Changes in Planktivory and Herbivory Regimes in a Shallow South American Lake (Lake Blanca Chica, Argentina) Over the Last 250 Years. 2020 , 12, 597		1
44	Modern Trophic State of the Benthic Zone in the Ivankovo and Uglich Reservoirs According to the Content of Sedimentary Pigments. <i>Inland Water Biology</i> , 2021 , 14, 168-176	0.7	Ο
43	Holocene phototrophic community and anoxia dynamics in meromictic Lake Jaczno (NE Poland) using high-resolution hyperspectral imaging and HPLC data. 2021 , 18, 1839-1856		4
42	Unexpected shift from phytoplankton to periphyton in eutrophic streams due to wastewater influx. <i>Limnology and Oceanography</i> , 2021 , 66, 2745-2761	4.8	2
41	Algal Community Change in Mountain Lakes of the Alps Reveals Effects of Climate Warming and Shifting Treelines. <i>Journal of Phycology</i> , 2021 , 57, 1266-1283	3	2
40	Unravelling climate change impacts from other anthropogenic influences in a subalpine lake: a multi-proxy sediment study from Oberer Soiernsee (Northern Alps, Germany). <i>Hydrobiologia</i> , 2021 , 848, 4285-4309	2.4	1
39	Holocene lake phosphorus species and primary producers reflect catchment processes in a small, temperate lake. <i>Ecological Monographs</i> , 2021 , 91, e01455	9	2
38	Nutrient concentrations and distribution of phytoplankton pigments in recently deposited sediments of a positive tropical estuary. <i>Marine Pollution Bulletin</i> , 2021 , 168, 112454	6.7	1
37	Lake ecosystem on the Qinghaillibetan Plateau severely altered by climatic warming and human activity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 576, 110509	2.9	6
36	From Water into Sediment-Tracing Freshwater via DNA Analyses. <i>Microorganisms</i> , 2021 , 9,	4.9	1
35	Distribution and origin of sedimentary organic matter in an eutrophic estuary: Pina Sound - NE Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e20190638	1.4	4
34	Paleolimnology: Use of Algal Pigments as Indicators.		7
33	Volcanic Lake Sediments as Sensitive Archives of Climate and Environmental Change. <i>Advances in Volcanology</i> , 2015 , 379-399	O	5
32	Palaeoenvironmental History of the Baltic Sea: One of the Largest Brackish-Water Ecosystems in the World. <i>Developments in Paleoenvironmental Research</i> , 2017 , 615-662		5
31	The Diatoms: Applications for the Environmental and Earth Sciences. 122-151		44
30	Epiphytic Diatoms along Phosphorus and Salinity Gradients in Florida Bay (Florida, USA), an Illustrated Guide and Annotated Checklist. 2015 , 251-298		1
29	Modern Analogue Approach Applied to High-Resolution Varved Sediments A Synthesis for Lake Montcort (Central Pyrenees). <i>Quaternary</i> , 2020 , 3, 1	2.2	3
28	Recording of climate and diagenesis through fossil pigments and sedimentary DNA at Laguna Potrok Aike, Argentina.		3

27	Dinosaur origin of egg color: oviraptors laid blue-green eggs. <i>PeerJ</i> , 2017 , 5, e3706	3.1	27
26	Combining limnological and palaeolimnological approaches in assessing degradation of Lake Pskov. 2007 , 121-132		
25	La influencia de la materia orgliica y pigmentos de fitoplancton sobre la distribucili de. <i>Scientia Marina</i> , 2009 , 73,	1.8	2
24	Research on Feature Extraction for Character Recognition of NaXi Pictograph. <i>Journal of Computers</i> , 2011 , 6,	1.4	О
23	Sedimentation of phytoplankton: role of ambient conditions and life strategies of algae. 2012 , 111-120		1
22	A Late Glacial and Holocene Record of Biological and Environmental Changes from the Crater Lake Albano, Central Italy: An Interdisciplinary European Project (Paliclas). 1997 , 601-613		
21	Chlorophyll a Content in Bottom Sediments of the Shallow Busse Lagoon, Sakhalin Island. <i>Russian Journal of Marine Biology</i> , 2021 , 47, 388-397	0.7	
20	Differential Impacts of Climate and Land-use on Twentieth-century Phytoplankton Composition among and within Two Temperate Coastal Estuaries of Atlantic Canada. <i>Estuaries and Coasts</i> , 1	2.8	
19	History of anthropogenically mediated eutrophication of Lake Peipsi as revealed by the stratigraphy of fossil pigments and molecular size fractions of pore-water dissolved organic matter. 2007 , 49-58		
18	Comparative Analysis of Chlorophyll a Content in Freshwater and Marine Waterbodies. <i>Inland Water Biology</i> , 2020 , 13, 539-548	0.7	
17	Harmful algal blooms and cyanotoxins in Lake Amatitlī, Guatemala, coincided with ancient Maya occupation in the watershed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
16	Sea level rise may contribute to the greening of Arctic coastal freshwaters Implications from the ontogeny of Greiner Lake, Nunavut, Canada. <i>Catena</i> , 2022 , 211, 105969	5.8	
15	Intracellular bound chlorophyll residues identify 1 Gyr-old fossils as eukaryotic algae <i>Nature Communications</i> , 2022 , 13, 146	17.4	3
14	Image_1.JPEG. 2018 ,		
13	Image_2.JPEG. 2018 ,		
12	Lake ecosystem regime shifts induced by agricultural intensification: A century scale paleolimnological investigation from the Huai River Basin (China). <i>Quaternary Science Reviews</i> , 2022 , 285, 107522	3.9	O
11	Sedimentary Pigments as Production Characteristics of the Shallow Kostromskoe Widening of the Gorky Reservoir. <i>Water Resources</i> , 2022 , 49, 475-482	0.9	
10	Plant Pigments in Bottom Sediment Cores as Indicators of the Trophic State in Large Shallow Lakes Vozhe and Lacha (Russia). <i>Inland Water Biology</i> , 2022 , 15, 271-279	0.7	

CITATION REPORT

9	Drivers for primary producers dynamics: New insights on annual benthos pelagos monitoring in anthropised freshwater marshes (Charente-Maritime, France). <i>Water Research</i> , 2022 , 221, 118718	12.5	О
8	Cryptophytes of Lake Shira (Khakassia, Russia): explosive growth during breakdown of meromixis. <i>Hydrobiologia</i> ,	2.4	O
7	Use of sedimentary algal pigment analyses to infer past lake-water total phosphorus concentrations.		
6	Deciphering the environmental drivers throughout the 20th and 21st centuries in the paleolimnological record of Laguna del Plata, Laguna Mar Chiquita system, Northern Pampean plain, Argentina. 2022 , 119, 103979		
5	Lake pigment characteristics and their applicability in reconstructing phytoplankton communities under irregular hydrological regulation in a floodplain lake system. 2022 , 614, 128575		O
4	Long-chain alkenones in the lake sediments of North-Minusinsk Valley (southern Siberia): implications for paleoclimate reconstructions. 2022 , 104541		O
3	Plant Pigments and Organic Matter in the Bottom Sediments of Large Shallow Lakes in Northwestern Russia. 2022 , 60, 1286-1297		О
2	Characterization of lacustrine harmful algal blooms using multiple biomarkers: Historical processes, driving synergy, and ecological shifts. 2023 , 235, 119916		O
1	Seasonal and inter-annual sedimentation in meromictic Lake Shira (Siberia, Russia) during disturbance of meromixis. 2023 , 69, 359-380		О