

# Ivan A Kalugin

## List of Publications by Year in descending order

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34  
papers

766  
citations

687363

13  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modern aridity in the Altai-Sayan mountain range derived from multiple millennial proxies. Scientific Reports, 2022, 12, 7752.	3.3	5
2	Annual Sedimentary Record From Lake Donguz-Orun (Central Caucasus) Constrained by High Resolution SR-XRF Analysis and Its Potential for Climate Reconstructions. Frontiers in Earth Science, 2018, 6, .	1.8	9
3	Reconstruction of the conditions of Late Holocene sedimentation by integrated analysis of a core of the bottom sediments from the Chukchi Sea. Doklady Earth Sciences, 2016, 469, 841-845.	0.7	10
4	Quantitative reconstructions of mid- to late holocene climate and vegetation in the north-eastern altai mountains recorded in lake teletskoye. Global and Planetary Change, 2016, 141, 12-24.	3.5	49
5	Influence of meteorological conditions on the geochemistry of modern bottom sediments exemplified by deposits of Donguz-Orun Lake, Caucasus. Doklady Earth Sciences, 2015, 463, 842-846.	0.7	6
6	Anomalies of bromine in the estuarine sediments as a signal of floods associated with typhoons. Chinese Journal of Oceanology and Limnology, 2015, 33, 1489-1495.	0.7	6
7	Geochemical indicators of paleo-typhoons in shelf sediments. Geochemistry International, 2015, 53, 383-388.	0.7	13
8	Tracing the North Atlantic decadal-scale climate variability in a late Holocene pollen record from southern Siberia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 426, 75-84.	2.3	14
9	Complex use of the geochemical features of bottom deposits and pollen records for paleoclimate reconstructions (with lake Teletskoe, Altai Republic, as an example). Contemporary Problems of Ecology, 2015, 8, 405-413.	0.7	6
10	The rate of sedimentation in Lake Arakhlei (Central Transbaikalia), from radiogeochemical and palynological data. Russian Geology and Geophysics, 2014, 55, 369-375.	0.7	8
11	ESTUARINE AND SHALLOW SHELF ENVIRONMENTAL CHANGES RECONSTRUCTED BY GEOCHEMISTRY OF BOTTOM SEDIMENTS IN AMUR BAY (JAPAN SEA) OVER THE LAST 200 YEARS. , 2014, , .		0
12	CLIMATE RECONSTRUCTION TECHNIQUE BASED ON GEOCHEMICAL TIME SERIES OBTAINED FROM BOTTOM SEDIMENTS (TELETSKOE LAKE, SOUTH SIBERIA) FOR THE LAST 1500 YEARS. , 2014, , .		0
13	Seasonal and centennial cycles of carbonate mineralisation during the past 2500 years from varved sediment in Lake Shira, South Siberia. Quaternary International, 2013, 290-291, 245-252.	1.5	41
14	GEOCHEMICAL SIGNALS OF PALEOCLIMATE IN THE VARVED CLASTIC AND CARBONATE LAKE SEDIMENTS. , 2013, , .		1
15	Carotenoids in bottom sediments of lake Shira as a paleoindicator for reconstruction of Lake States in Khakassiya, Russia. Contemporary Problems of Ecology, 2012, 5, 434-442.	0.7	5
16	Silicon isotope composition of diatoms as a paleoenvironmental proxy in Lake Huguangyan, South China. Journal of Asian Earth Sciences, 2012, 45, 268-274.	2.3	9
17	Physicochemical conditions of seasonal carbonate precipitation in Shira lake (Khakasia). Doklady Earth Sciences, 2012, 446, 1099-1101.	0.7	5
18	A multi-proxy approach for revealing recent climatic changes in the Russian Altai. Climate Dynamics, 2012, 38, 175-188.	3.8	49

#	ARTICLE	IF	CITATIONS
19	Estimation of modern sedimentation rate in Zun-Torei Lake (East Trans-Baikal Region) by <sup>137</sup> Cs. Doklady Earth Sciences, 2011, 437, 335-339.	0.7	3
20	Sedimentation in Proval Bay (Lake Baikal) after earthquake-induced subsidence of part of the Selenga River delta. Russian Geology and Geophysics, 2010, 51, 1275-1284.	0.7	11
21	Reconstruction of annual air temperatures for three thousand years in Altai region by lithological and geochemical indicators in Teletskoe Lake sediments. Doklady Earth Sciences, 2009, 426, 681-684.	0.7	32
22	Holocene environments and climate in the Mongolian Altai reconstructed from the Hoton-Nur pollen and diatom records: a step towards better understanding climate dynamics in Central Asia. Quaternary Science Reviews, 2009, 28, 540-554.	3.0	204
23	Environmental changes in the northern Altai during the last millennium documented in Lake Teletskoye pollen record. Quaternary Research, 2007, 67, 394-399.	1.7	27
24	800-yr-long records of annual air temperature and precipitation over southern Siberia inferred from Teletskoye Lake sediments. Quaternary Research, 2007, 67, 400-410.	1.7	85
25	Sedimentation in Proval Bay (Lake Baikal) after catastrophic flooding of the coastal plain in 1862. Doklady Earth Sciences, 2007, 417, 1315-1319.	0.7	6
26	Disequilibrium between uranium and its progeny in the Lake Issyk-Kul system (Kyrgyzstan) under a combined effect of natural and manmade processes. Journal of Environmental Radioactivity, 2005, 83, 61-74.	1.7	33
27	Use of a scanning XRF analysis on SR beams from VEPP-3 storage ring for research of core bottom sediments from Teletskoe Lake with the purpose of high resolution quantitative reconstruction of last millennium paleoclimate. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 255-258.	1.6	19
28	Scanning SRXF analysis and isotopes of uranium series from bottom sediments of Siberian lakes for high-resolution climate reconstructions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 250-254.	1.6	19
29	Rhythmic fine-grained sediment deposition in Lake Teletskoye, Altai, Siberia, in relation to regional climate change. Quaternary International, 2005, 136, 5-13.	1.5	25
30	1,000-Year Environmental History of Lake Issyk-Kul. NATO Science Series Series IV, Earth and Environmental Sciences, 2004, , 253-285.	0.3	19
31	Application of synchrotron X-ray fluorescent analysis to studies of the records of paleoclimates of Eurasia stored in the sediments of Lake Baikal and Lake Teletskoye. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 470, 388-395.	1.6	19
32	SRXFA of element composition of bottom sediments from Teletskoye Lake. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 405, 569-571.	1.6	10
33	The statistical characteristics of element compositions of layers obtained by scanning SRXFA on ferromanganese nodule sections from Pacific Ocean. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 405, 581-583.	1.6	3
34	Scanning synchrotron radiation X-ray fluorescence trace element analysis of microlayers of Fe <sup>2+</sup> -Mn nodules; new data on ore forming processes in the Ocean. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 359, 327-330.	1.6	8