

Ivan A Kalugin

List of Publications by Year in descending order

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34
papers

766
citations

687363

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526287

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35
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times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Quaternary Science Reviews</i> , 2009, 28, 540-554.	3.0	204
2	800-yr-long records of annual air temperature and precipitation over southern Siberia inferred from Teletskoye Lake sediments. <i>Quaternary Research</i> , 2007, 67, 400-410.	1.7	85
3	A multi-proxy approach for revealing recent climatic changes in the Russian Altai. <i>Climate Dynamics</i> , 2012, 38, 175-188.	3.8	49
4	Quantitative reconstructions of mid- to late holocene climate and vegetation in the north-eastern altai mountains recorded in lake teletskoye. <i>Global and Planetary Change</i> , 2016, 141, 12-24.	3.5	49
5	Seasonal and centennial cycles of carbonate mineralisation during the past 2500 years from varved sediment in Lake Shira, South Siberia. <i>Quaternary International</i> , 2013, 290-291, 245-252.	1.5	41
6	Disequilibrium between uranium and its progeny in the Lake Issyk-Kul system (Kyrgyzstan) under a combined effect of natural and manmade processes. <i>Journal of Environmental Radioactivity</i> , 2005, 83, 61-74.	1.7	33
7	Reconstruction of annual air temperatures for three thousand years in Altai region by lithological and geochemical indicators in Teletskoe Lake sediments. <i>Doklady Earth Sciences</i> , 2009, 426, 681-684.	0.7	32
8	Environmental changes in the northern Altai during the last millennium documented in Lake Teletskoye pollen record. <i>Quaternary Research</i> , 2007, 67, 394-399.	1.7	27
9	Rhythmic fine-grained sediment deposition in Lake Teletskoye, Altai, Siberia, in relation to regional climate change. <i>Quaternary International</i> , 2005, 136, 5-13.	1.5	25
10	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. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 470, 388-395.	1.6	19
11	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. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 543, 255-258.	1.6	19
12	Scanning SRXF analysis and isotopes of uranium series from bottom sediments of Siberian lakes for high-resolution climate reconstructions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 543, 250-254.	1.6	19
13	1,000-Year Environmental History of Lake Issyk-Kul. <i>NATO Science Series Series IV, Earth and Environmental Sciences</i> , 2004, , 253-285.	0.3	19
14	Tracing the North Atlantic decadal-scale climate variability in a late Holocene pollen record from southern Siberia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 426, 75-84.	2.3	14
15	Geochemical indicators of paleo-typhoons in shelf sediments. <i>Geochemistry International</i> , 2015, 53, 383-388.	0.7	13
16	Sedimentation in Proval Bay (Lake Baikal) after earthquake-induced subsidence of part of the Selenga River delta. <i>Russian Geology and Geophysics</i> , 2010, 51, 1275-1284.	0.7	11
17	SRXFA of element composition of bottom sediments from Teletskoye Lake. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 405, 569-571.	1.6	10
18	Reconstruction of the conditions of Late Holocene sedimentation by integrated analysis of a core of the bottom sediments from the Chukchi Sea. <i>Doklady Earth Sciences</i> , 2016, 469, 841-845.	0.7	10

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19	Silicon isotope composition of diatoms as a paleoenvironmental proxy in Lake Huguangyan, South China. <i>Journal of Asian Earth Sciences</i> , 2012, 45, 268-274.	2.3	9
20	Annual Sedimentary Record From Lake Donguz-Orun (Central Caucasus) Constrained by High Resolution SR-XRF Analysis and Its Potential for Climate Reconstructions. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	9
21	Scanning synchrotron radiation X-ray fluorescence trace element analysis of microlayers of Fe—Mn nodules; new data on ore forming processes in the Ocean. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 359, 327-330.	1.6	8
22	The rate of sedimentation in Lake Arakhlei (Central Transbaikalia), from radiogeochemical and palynological data. <i>Russian Geology and Geophysics</i> , 2014, 55, 369-375.	0.7	8
23	Sedimentation in Proval Bay (Lake Baikal) after catastrophic flooding of the coastal plain in 1862. <i>Doklady Earth Sciences</i> , 2007, 417, 1315-1319.	0.7	6
24	Influence of meteorological conditions on the geochemistry of modern bottom sediments exemplified by deposits of Donguz-Orun Lake, Caucasus. <i>Doklady Earth Sciences</i> , 2015, 463, 842-846.	0.7	6
25	Anomalies of bromine in the estuarine sediments as a signal of floods associated with typhoons. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 1489-1495.	0.7	6
26	Complex use of the geochemical features of bottom deposits and pollen records for paleoclimate reconstructions (with lake Teletskoe, Altai Republic, as an example). <i>Contemporary Problems of Ecology</i> , 2015, 8, 405-413.	0.7	6
27	Carotenoids in bottom sediments of lake Shira as a paleoindicator for reconstruction of Lake States in Khakassiya, Russia. <i>Contemporary Problems of Ecology</i> , 2012, 5, 434-442.	0.7	5
28	Physicochemical conditions of seasonal carbonate precipitation in Shira lake (Khakasia). <i>Doklady Earth Sciences</i> , 2012, 446, 1099-1101.	0.7	5
29	Modern aridity in the Altai-Sayan mountain range derived from multiple millennial proxies. <i>Scientific Reports</i> , 2022, 12, 7752.	3.3	5
30	The statistical characteristics of element compositions of layers obtained by scanning SRXFA on ferromanganese nodule sections from Pacific Ocean. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 405, 581-583.	1.6	3
31	Estimation of modern sedimentation rate in Zun-Torei Lake (East Trans-Baikal Region) by ¹³⁷ Cs. <i>Doklady Earth Sciences</i> , 2011, 437, 335-339.	0.7	3
32	GEOCHEMICAL SIGNALS OF PALEOCLIMATE IN THE VARVED CLASTIC AND CARBONATE LAKE SEDIMENTS. , 2013, , .		1
33	ESTUARINE AND SHALLOW SHELF ENVIRONMENTAL CHANGES RECONSTRUCTED BY GEOCHEMISTRY OF BOTTOM SEDIMENTS IN AMUR BAY (JAPAN SEA) OVER THE LAST 200 YEARS. , 2014, , .		0
34	CLIMATE RECONSTRUCTION TECHNIQUE BASED ON GEOCHEMICAL TIME SERIES OBTAINED FROM BOTTOM SEDIMENTS (TELETSKOE LAKE, SOUTH SIBERIA) FOR THE LAST 1500 YEARS. , 2014, , .		0