

# Andrey Darin

## List of Publications by Year in descending order

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papers

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citations

623734

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times ranked

931  
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#	ARTICLE	IF	CITATIONS
1	Ice Coverage of the Laptev Sea and Air Temperature Variation during Recent Centuries: Observed Data and Reconstructions Using a Geochemical Proxy. <i>Current Chinese Science</i> , 2022, 2, 198-212.	0.5	4
2	Distribution and carbon isotopic composition of long-chain leaf wax n-alkanes from Holocene lake sediments in the Altai Mountains. <i>Quaternary International</i> , 2022, 625, 29-37.	1.5	2
3	Long-Chain Alkenones in Saline Meromictic Lakes of the North Minusinsk Depression (Southern Tj ETQq1 1 0.784314 rgBT /Overlock Problems of Ecology, 2020, 13, 643-655.	0.7	2
4	Constructing Lithological/Geochemical Time Series in the Cross Sections of Bottom Sediments of Lake Karakel Using Data from Micro-XRF Scanning with a Beam of Synchrotron Radiation on the VEPP-3 Storage Ring. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 190-193.	0.6	0
5	Searching for Annually Stratified Bottom Sediments in Altai Mountain Lakes by Means of XRF Microanalysis Using Synchrotron Radiation. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 194-197.	0.6	2
6	Indicators of Oxidic and Anoxic Conditions in the System of the Current Sedimentation of Saline Lake Shira (Khakassia), According to High-Resolution SR XRF Data on Bottom Sediments Frozen In Situ. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 198-203.	0.6	1
7	Layered Nb-REE ores in the Tomtor Complex (Arctic Siberia): Formation conditions. <i>E3S Web of Conferences</i> , 2019, 98, 05011.	0.5	0
8	Reconstructing the Frequency of Catastrophic Floods on the Western Coast of the Sea of Japan Based on Sedimentary Proxy. <i>Russian Meteorology and Hydrology</i> , 2019, 44, 62-70.	1.3	5
9	Conceptual Design for a Microfocus Beamline on the SKIF Synchrotron. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 180-183.	0.6	2
10	Reconstruction of ice conditions in the northern Chukchi Sea during recent centuries: Geochemical proxy compared with observed data. <i>Quaternary International</i> , 2019, 522, 23-37.	1.5	17
11	Geochemical Features of Annual Layers of Bottom Sediments of Freshwater Lakes, Studied via Synchrotron Radiation-Induced XRF Microanalysis. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 1437-1440.	0.6	0
12	Distribution of Germanium and Other Elements in Samples of the Chelyabinsk Meteorite, Determined via Scanning Synchrotron Radiation X-ray Fluorescence Microanalysis. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 1433-1436.	0.6	2
13	Dynamics of the Regional Climatic Conditions over the Past 2000 Years on the Basis of Litho-geochemical Analysis of the Bottom Sediments of Lake Karakyl (Western Caucasus). <i>Izvestiya Rossiiskoi Akademii Nauk Seriya Geograficheskaya</i> , 2019, , 73-85.	0.1	1
14	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
15	Influence of Global Climate Changes in Past Centuries on the Chemical Composition of Bottom Sediments in the Chukchi Sea. <i>Russian Meteorology and Hydrology</i> , 2018, 43, 251-257.	1.3	5
16	Chukchi Sea Ice Conditions for the Last Few Centuries: Reconstruction from Sedimentation Records. <i>Doklady Earth Sciences</i> , 2018, 480, 767-772.	0.7	4
17	On the Search and Localization of Platinum-Group Microelements in Samples of the Chromite Horizon in the Bushveld Complex. <i>Journal of Surface Investigation</i> , 2018, 12, 123-127.	0.5	7
18	Chemical and Textural Re-equilibration in the UG2 Chromitite Layer of the Bushveld Complex, South Africa. <i>Journal of Petrology</i> , 2018, 59, 1193-1216.	2.8	17

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19	LATE HOLOCENE SEDIMENTATION IN ACTIVE GEOLOGICAL STRUCTURES OF THE CHUKCHI SEA. <i>Geodinamika i Tektonofizika</i> , 2018, 9, 199-219.	0.7	9
20	Sedimentation rate in Cheko Lake (Evenkia, Siberia): New evidence on the problem of the 1908 Tunguska Event. <i>Doklady Earth Sciences</i> , 2017, 476, 1226-1228.	0.7	7
21	Natural periodic processes and climate variability in the Northern Hemisphere. <i>Doklady Earth Sciences</i> , 2017, 477, 1470-1472.	0.7	1
22	FLUCTUATIONS OF THE WATER LEVEL OF LAKE TELETSKOYE, SOUTHERN SIBERIA, IN LATE HOLOCENE SHOWN BY THE BOTTOM SEDIMENT GEOCHEMISTRY AND SIBERIAN LARCH RADIAL GROWTH. , 2017, , .		0
23	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
24	Climate prediction for the extratropical northern hemisphere for the next 500 years based on periodic natural processes. <i>Russian Meteorology and Hydrology</i> , 2016, 41, 593-600.	1.3	6
25	First results of the application of scanning XRF analysis with synchrotron-radiation beams from the VEPP-3 to study the spatial distribution of trace elements in samples of stratiform chromite ores. <i>Journal of Surface Investigation</i> , 2016, 10, 88-91.	0.5	2
26	CLIMATE VARIABILITY IN ALTAI MOUNTAINS (RUSSIA) IN LATE HOLOCENE INFERRED FROM LAKE SEDIMENTS, GLACIER, AND MAXIMUM LATEWOOD DENSITY OF TREE. , 2016, , .		0
27	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
28	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
29	Seasonal geochemical signals in varves of the Lake Donguz-Orun bottom sediments from scanning X-ray fluorescence with the use of microcapillary X-ray optics. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 122-125.	0.6	4
30	Correlation between the mineral and microelement compositions of bottom sediments from the Sea of Okhotsk. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 98-102.	0.6	1
31	Reconstructing the levels of Lake Shira over the last 1500 years with an annual time scale based on data from X-Ray fluorescence microanalysis using beams of synchrotron radiation. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 126-130.	0.6	1
32	Geochemical indicators of paleo-typhoons in shelf sediments. <i>Geochemistry International</i> , 2015, 53, 383-388.	0.7	13
33	Microanalytical study of varves in the recent sediments of Lake Bele. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 131-133.	0.6	2
34	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
35	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
36	Microrhythmic distribution of Co, Mn, Ni, and La contents in cobalt-rich ferromanganese crusts from the Magellan Seamounts. <i>Geochemistry International</i> , 2015, 53, 19-38.	0.7	4

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37	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
38	THE AGE MODEL SEDIMENTATION IN LAKE SHIRA (KHAKASIA, RUSSIA) USING VARVES COUNTING AND RADIOCARBON DETERMINATIONS. , 2014, , .		0
39	Vegetation of Central Transbaikalia in the Late Glacial period and Holocene. Geography and Natural Resources, 2013, 34, 172-178.	0.3	12
40	Scanning X-ray microanalysis of bottom sediments using synchrotron radiation from the BINP VEPP-3 storage ring. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 182-184.	0.6	28
41	Scanning X-ray fluorescence microanalysis of annual layers in samples of Lake Shira bottom sediments. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 185-187.	0.6	7
42	Studying variations in the elemental composition of annual layers in microsections of lake teletskoye sediments by means of scanning X-ray fluorescent microanalysis using synchrotron radiation. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 188-190.	0.6	4
43	X-Ray fluorescence analysis using synchrotron radiation of manganese minerals from marine and lake bottom sediments. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 195-198.	0.6	1
44	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
45	GEOCHEMICAL SIGNALS OF PALEOCLIMATE IN THE VARVED CLASTIC AND CARBONATE LAKE SEDIMENTS. , 2013, , .		1
46	THE SEARCH FOR PERIODICITY IN HIGH-RESOLUTION PALEOCLIMATIC RECONSTRUCTIONS LAST MILLENNIA ALTAI REGION. , 2013, , .		0
47	GEOCHEMICAL INDICATORS OF CLIMATE CHANGE IN THE ANNUAL LAYERS OF BOTTOM SEDIMENT LAKE SHIRA (SOUTH SIBERIA). , 2013, , .		0
48	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
49	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
50	Physicochemical conditions of seasonal carbonate precipitation in Shira lake (Khakasia). Doklady Earth Sciences, 2012, 446, 1099-1101.	0.7	5
51	A multi-proxy approach for revealing recent climatic changes in the Russian Altai. Climate Dynamics, 2012, 38, 175-188.	3.8	49
52	Carotenoids of phototrophic organisms in bottom sediments of meromictic Lake Shira (Siberia, Russia) as an indicator of past stratification. Doklady Biological Sciences, 2011, 439, 228-231.	0.6	12
53	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
54	Palaeoclimate chronology and aridization tendencies in the Transbaikalia for the last 1900 years. Geography and Natural Resources, 2010, 31, 144-147.	0.3	12

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55	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
56	Microelemental and mineral compositions of pathogenic biomineral concretions: SRXFA, X-ray powder diffraction and vibrational spectroscopy data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 603, 141-143.	1.6	18
57	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
58	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
59	ENVIRONMENTAL CHANGES IN THE MONGOLIAN ALTAI DURING THE HOLOCENE. <i>Archaeology, Ethnology and Anthropology of Eurasia</i> , 2008, 36, 2-14.	0.2	21
60	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
61	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
62	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
63	Mineral and microelement compositions of urinary stones. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 1098-1105.	1.3	14
64	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
65	Phosphorites of the Arkheologicheskaya Cave (Khakassia, East Siberia). <i>Lithology and Mineral Resources</i> , 2005, 40, 48-55.	0.6	9
66	Scanning X-ray fluorescence microanalysis of phosphorites from the underwater mountains of the Pacific. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991, 308, 318-320.	1.6	5
67	Scanning x-ray fluorescent microanalysis of rock samples. <i>Review of Scientific Instruments</i> , 1989, 60, 2456-2457.	1.3	14
68	Status of X-ray fluorescence elemental analysis at VEPP-3. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989, 282, 570-575.	1.6	32
69	Measurement of rare-earth element content in rock standards by XFA method with use of synchrotron radiation from the storage ring VEPP-4. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987, 261, 292-294.	1.6	2