

Evgeniy Abakumov

List of Publications by Year in descending order

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184
papers

1,727
citations

361413

20
h-index

526287

27
g-index

236
all docs

236
docs citations

236
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Agrosoils in the City of St. Petersburg: Anthropogenic Evolution and Current State. <i>Innovations in Landscape Research</i> , 2022, , 775-796.	0.4	1
2	Changes in Key Physical Soil Properties of Post-pyrogenic Forest Ecosystems: a Case Study of Catastrophic Fires in Russian Sub-boreal Forest. <i>Innovations in Landscape Research</i> , 2022, , 687-700.	0.4	0
3	Soil organic carbon stocks and stability of organic matter in permafrost-affected soils of Yamal region, Russian Arctic. <i>Geoderma Regional</i> , 2022, 28, e00454.	2.1	10
4	The Impact of Agricultural Use of Retisols on the Molecular Structure of Humic Substances. <i>Agronomy</i> , 2022, 12, 144.	3.0	6
5	Micromorphological structure of maritime antarctic cryosols (King-George and Livingston Islands,) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook	0.6	0
6	Evaluation of stabilization rate of high and low molecular organic matter in cryoconite holes from the Arctic, Antarctic and Caucasus mountain ecosystems by ¹³ Câ€”NMR spectroscopy. <i>Czech Polar Reports</i> , 2022, 11, 215-232.	0.6	0
7	The shifts in the structure of the prokaryotic community of mountain-grassland soil under the influence of artificial larch plantations. <i>PLoS ONE</i> , 2022, 17, e0263135.	2.5	0
8	Ecogenesis and primary soil formation on the East European Plain. A review. <i>Folia Oecologica</i> , 2022, 49, 51-60.	0.7	2
9	Assessing Sources and Distribution of Heavy Metals in Environmental Media of the Tibetan Plateau: A Critical Review. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	3
10	The body of the Bellingshausen Ice Dome as a biogeochemical space. <i>Solid Earth Sciences</i> , 2022, 7, 215-236.	1.7	4
11	Ecotoxicological Analysis of Fallow Soils at the Yamal Experimental Agricultural Station. <i>Food Processing: Techniques and Technology</i> , 2022, 52, 350-360.	1.0	7
12	Response of carbon and microbial properties to risk elements pollution in arctic soils. <i>Journal of Hazardous Materials</i> , 2021, 408, 124430.	12.4	11
13	The influence of brown and south polar skua on the content of plant nutrient in the soils from the Fildes Peninsula (King George Island, West Antarctica). <i>Chemistry and Ecology</i> , 2021, 37, 185-199.	1.6	10
14	Content of Trace Elements in Soils of Eastern Antarctica: Variability Across Landscapes. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 368-388.	4.1	7
15	Mobilization of Geochemical Elements to Surface Water in the Active Layer of Permafrost in the Russian Arctic. <i>Water Resources Research</i> , 2021, 57, .	4.2	6
16	Polycyclic Aromatic Hydrocarbons, Mercury and Arsenic Content in Soils of Larsemann Hills, Pravda Coast and Fulmar Island, Eastern Antarctica. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 278-288.	2.7	4
17	Microbiomes of different ages in Rendzic Leptosols in the Crimean Peninsula. <i>PeerJ</i> , 2021, 9, e10871.	2.0	2
18	Micromorphological Characteristic of Different-Aged Cryosols from the East Part of Lena River Delta, Siberia, Russia. <i>Geosciences (Switzerland)</i> , 2021, 11, 118.	2.2	4

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19	Soil salinity assessment from satellite data in the Trans-Ural steppe zone (Southern Ural, Russia). <i>Soil Science Annual</i> , 2021, , .	0.8	3
20	The Soil Nutrient Digital Mapping for Precision Agriculture Cases in the Trans-Ural Steppe Zone of Russia Using Topographic Attributes. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 243.	2.9	19
21	Ornithogenic Factor of Soil Formation in Antarctica: A Review. <i>Eurasian Soil Science</i> , 2021, 54, 528-540.	1.6	12
22	Polycyclic Aromatic Hydrocarbons and Potentially Toxic Elements in Soils of the Vicinity of the Bulgarian Antarctic Station "St. Kliment Ohridski" (Antarctic Peninsula). <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	9
23	Mapping soil organic carbon under erosion processes using remote sensing. <i>Hungarian Geographical Bulletin</i> , 2021, 70, 49-64.	0.9	12
24	Chemical and Biogeochemical Features of Desert Soils of the Central Fergana. <i>Agriculture</i> , 2021, 67, 16-28.	0.4	1
25	Soil pollution status of urban soils in St. Petersburg city, North-west of Russia. <i>Soil and Water Research</i> , 2021, 16, 164-173.	1.7	15
26	Microbiomes in Suspended Soils of Vascular Epiphytes Differ from Terrestrial Soil Microbiomes and from Each Other. <i>Microorganisms</i> , 2021, 9, 1033.	3.6	10
27	Soil Diversity and Key Functional Characteristics of Yakutsk City: Largest Urbanized Cryogenic World's Ecosystem. <i>Energies</i> , 2021, 14, 3819.	3.1	7
28	Differentiation of Trace Metal Contamination Level between Different Urban Functional Zones in Permafrost Affected Soils (the Example of Several Cities in the Yamal Region, Russian Arctic). <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 668.	2.0	12
29	Assessments of Organic Carbon Stabilization Using the Spectroscopic Characteristics of Humic Acids Separated from Soils of the Lena River Delta. <i>Separations</i> , 2021, 8, 87.	2.4	8
30	Transformation of plant and soil covers of the Botanical nature monument "Pine forest near Venetsiya village" (Russia) as a result of a windfall. <i>Eurasian Journal of Soil Science</i> , 2021, 10, 251-258.	0.6	1
31	Expansion of Agriculture in Northern Cold-Climate Regions: A Cross-Sectoral Perspective on Opportunities and Challenges. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	30
32	Agrochemical and Pollution Status of Urbanized Agricultural Soils in the Central Part of Yamal Region. <i>Energies</i> , 2021, 14, 4080.	3.1	11
33	Laboratory assessment of soil respiration rates under the impact of ornithogenic factor in Antarctic region. <i>Eurasian Journal of Soil Science</i> , 2021, 10, 179-190.	0.6	0
34	Elemental and Molecular Composition of Humic Acids Isolated from Soils of Tallgrass Temperate Rainforests (Chernevaya taiga) by ¹ H- ¹³ C HECTCOR NMR Spectroscopy. <i>Agronomy</i> , 2021, 11, 1998.	3.0	8
35	The role of the ornithogenic factor in soil formation on the Antarctic oasis territory Bunger Hills (East Antarctica). <i>Eurasian Journal of Soil Science</i> , 2021, 10, 308-319.	0.6	2
36	Desorption kinetics of heavy metals in the gleyic layer of permafrost-affected soils in Arctic region assessed by geochemical fractionation and DGT/DIFS. <i>Catena</i> , 2021, 206, 105539.	5.0	4

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37	Human-Altered Soils at an Archeological Site of the Bronze Age: The Tyater-Araslanovo-II Settlement, Southern Cis-Ural Region, Russia. <i>Quaternary</i> , 2021, 4, 32.	2.0	0
38	Carbon Polygons and Carbon Offsets: Current State, Key Challenges and Pedological Aspects. <i>Agronomy</i> , 2021, 11, 2013.	3.0	7
39	The Content of Polyarenes in Soils of Antarctica: Variability across Landscapes. <i>Land</i> , 2021, 10, 1162.	2.9	3
40	Analysis of the polydispersity of soil-like bodies in glacier environments by the laser light scattering (diffraction) method. <i>Biological Communications</i> , 2021, 66, .	0.8	4
41	FOREST FIRES AS A FACTOR OF SOIL NUTRITION REGIMES FORMATION. , 2021, , .		0
42	Geochemistry of cryoconite and soils in the Central Caucasus region and its environmental implications. <i>Journal of Mountain Science</i> , 2021, 18, 3109-3124.	2.0	5
43	ASSESSMENT AND MAPPING OF LANDFILLS ON SOILS IN THE SERPUKHOV DISTRICT (MOSCOW REGION). <i>Geodesy and Cartography</i> , 2021, 47, 181-185.	0.5	2
44	Morphological and physico-chemical properties of Cryosoils in the Bulgarian antarctic base on Livingston island, Antarctica. <i>Silva Balcanica</i> , 2021, 22, 57-67.	0.2	3
45	Anthropogenic Invasion of Micromycetes to Undisturbed Ecosystems of the Larsemann Hills Oasis (East Antarctica). <i>Russian Journal of Biological Invasions</i> , 2020, 11, 208-215.	0.7	5
46	Effect of the Wildfires on Sandy Podzol Soils of Nadym Region, Yamalo-Nenets Autonomous District, Russia. <i>Applied and Environmental Soil Science</i> , 2020, 2020, 1-8.	1.7	8
47	The content and distribution of trace elements and polycyclic aromatic hydrocarbons in soils of Maritime Antarctica. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 670.	2.7	13
48	Complexation of lead and cadmium ions with humic acids from arctic peat soils. <i>Environmental Research</i> , 2020, 191, 110058.	7.5	16
49	Black Carbon as a Source of Trace Elements and Nutrients in Ice Sheet of King George Island, Antarctica. <i>Geosciences (Switzerland)</i> , 2020, 10, 465.	2.2	11
50	Formation of Epiphytic Communities in Man-made Forests of South Vietnam. <i>Russian Journal of Ecology</i> , 2020, 51, 206-214.	0.9	6
51	Microbial Communities in Permafrost Soils of Larsemann Hills, Eastern Antarctica: Environmental Controls and Effect of Human Impact. <i>Microorganisms</i> , 2020, 8, 1202.	3.6	17
52	Orchid epiphytes do not receive organic substances from living trees through fungi. <i>Mycorrhiza</i> , 2020, 30, 697-704.	2.8	6
53	A New Species of the Genus <i>Protaneuretus</i> Wheeler (Hymenoptera, Formicidae) from Bitterfeld Amber (Late Eocene), with a Key to the Species of the Genus. <i>Paleontological Journal</i> , 2020, 54, 389-391.	0.5	3
54	Shifting prokaryotic communities along a soil formation chronosequence and across soil horizons in a South Taiga ecosystem. <i>Pedobiologia</i> , 2020, 81-82, 150650.	1.2	8

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55	¹³ C-NMR spectroscopy of humic substances isolated from the agricultural soils of Puchuncavi (El Melón and Puchuncavi areas), central Chile. <i>Soil and Water Research</i> , 2020, 15, 191-198.	1.7	4
56	Geochemical pollution of trace metals in permafrost-affected soil in the Russian Arctic marginal environment. <i>Environmental Geochemistry and Health</i> , 2020, 42, 4407-4429.	3.4	18
57	Soil cover of the Fildes Peninsula (King George Island, West Antarctica). <i>Catena</i> , 2020, 193, 104613.	5.0	17
58	Soil-Archaeological Study of the Votikeevo Medieval Archeological Site in the Northern Forest-Steppe Zone of the Southern Cis-Ural Region. <i>Eurasian Soil Science</i> , 2020, 53, 283-293.	1.6	6
59	Agrochemical State and Vertical Organization of Alluviated Soils of Saint Petersburg's 300th Anniversary Park, Russia. <i>Springer Geography</i> , 2020, , 76-87.	0.4	1
60	Rumen bacterial community of young and adult of reindeer (<i>Rangifer tarandus</i>) from Yamalo-Nenets Autonomous District of Russia. <i>Open Agriculture</i> , 2020, 5, 10-20.	1.7	6
61	Abandoned agricultural soils from the central part of the Yamal region of Russia: morphology, diversity, and chemical properties. <i>Open Agriculture</i> , 2020, 5, 94-106.	1.7	13
62	Microbiome of abandoned agricultural and mature tundra soils in southern Yamal region, Russian Arctic. <i>Open Agriculture</i> , 2020, 5, 335-344.	1.7	4
63	Restoration of soil microbiome in various soil horizons after crown and surface wildfires. <i>Ecological Genetics</i> , 2020, 18, 343-356.	0.5	5
64	Humic Acids Isolated from Selected Soils from the Russian Arctic and Antarctic: Characterization by Two-Dimensional ¹ H- ¹³ C HETCOR and ¹³ C CP/Mas NMR Spectroscopy. <i>Geosciences (Switzerland)</i> , 2020, 10, 15.	2.2	8
65	Water holding capacity of Russian Arctic soils (Lena River Delta and Yamal Peninsula). <i>Soil Science Annual</i> , 2020, 71, 37-46.	0.8	3
66	Ecotoxicological state and pollution status of alluvial soils of St. Petersburg, Russian Federation. <i>Soil Science Annual</i> , 2020, 71, 221-235.	0.8	5
67	Lithological and geomorphological indicators of glacial genesis in the upper Quaternary strata, Nadym River basin, Western Siberia. <i>Solid Earth</i> , 2020, 11, 2047-2074.	2.8	4
68	Permafrost table depth in soils of Eastern Antarctica oases, King George and Ardley Islands (South) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	0.6	9
69	Soil-Ecological Assessment of the M.I. Kalinin Park Ufa City, Russia. <i>Springer Geography</i> , 2020, , 18-28.	0.4	2
70	Humic Substances Formation as a Result of Biogenic-Abiogenic Interactions in Epiphytic Structures of the South Vietnam Tropical Forest. <i>Lecture Notes in Earth System Sciences</i> , 2020, , 417-434.	0.6	0
71	Black carbon as a factor in deglaciation in polar and mountain ecosystems: A Review. <i>Vestnik Tomskogo Gosudarstvennogo Universiteta, Biologiya</i> , 2020, , 6-33.	0.3	6
72	Pollutants as a factor in the degradation of alpine glaciers. <i>Live and Bioabiotic Systems</i> , 2020, , .	0.1	0

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73	Assessment of Soil Electrical Properties in Selected Agricultural Soils of Puchuncav, Central Chile. <i>Agriculture</i> , 2020, 66, 67-73.	0.4	0
74	Microbiomes of the initial soils of mining areas of Yakutsk City (Eastern Siberia, Russia). <i>Czech Polar Reports</i> , 2020, 10, 69-82.	0.6	5
75	Toprak Äylemesiz KoÄyullar Altnda Agrochernozyemlerin Temel Fiziksel zelliklerindeki DeÄyiÄimler. <i>Yuzuncu Yil University Journal of Agricultural Sciences</i> , 2020, 30, 963-972.	0.3	1
76	Microbiome of post-technogenic soils of quarries in the Republic of Bashkortostan (Russia). <i>Open Agriculture</i> , 2020, 5, 529-538.	1.7	3
77	Ecotoxicological State of Urban Soils of the Arctic with Different Functional Load (Yamal) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.4	3
78	The ecological impact of mineral exploitation in the Russian Arctic: A field-scale study of polycyclic aromatic hydrocarbons (PAHs) in permafrost-affected soils and lichens of the Yamal-Nenets autonomous region. <i>Environmental Pollution</i> , 2019, 255, 113239.	7.5	26
79	Preferential Alternatives to Returning All Crop Residues as Biochar to the Crop Field? A Three-Source ¹³C and ¹⁴C Partitioning Study. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11322-11330.	5.2	7
80	Biodiversity of algae of some waterbodies of the Southern Yamal. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 263, 012001.	0.3	1
81	Assessments of pollution status and human health risk of heavy metals in permafrost-affected soils and lichens: A case-study in Yamal Peninsula, Russia Arctic. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 2142-2159.	3.4	27
82	Taxonomic Revision of the Genus <i>Calyptopsis</i> Solier, 1835 (Coleoptera, Tenebrionidae: Pimeliinae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	2
83	Partitioning net ecosystem exchange of CO<sub>2</sub> on the pedon scale in the Lena River Delta, Siberia. <i>Biogeosciences</i> , 2019, 16, 1543-1562.	3.3	15
84	Influence of Anthropogenic Activities on Metals in Arctic Permafrost: A Characterization of Benchmark Soils on the Yamal and Gydan Peninsulas in Russia. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 540-553.	4.1	22
85	Soil organic matter alteration under biochar amendment: study in the incubation experiment on the Podzol soils of the Leningrad region (Russia). <i>Journal of Soils and Sediments</i> , 2019, 19, 2708-2716.	3.0	18
86	A New Species of the Genus <i>Eldermyrmex</i> Shattuck, 2011 (Hymenoptera, Formicidae) from Bitterfeld Amber (Late Eocene) with Species Key of the Genus. <i>Paleontological Journal</i> , 2019, 53, 994-997.	0.5	5
87	Atmosphereâ€œocean exchange of heavy metals and polycyclic aromatic hydrocarbons in the Russian Arctic Ocean. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13789-13807.	4.9	20
88	Outdoor Environment of the Monuments in the Necropoleis. <i>Volcanic Tourist Destinations</i> , 2019, , 45-73.	0.2	2
89	Soil microbiome of the postmining areas in polar ecosystems in surroundings of Nadym, Western Siberia, Russia. <i>Open Agriculture</i> , 2019, 4, 684-696.	1.7	13
90	Molecular and elemental composition of humic acids isolated from selected soils of the Russian Arctic. <i>Vestnik Tomskogo Gosudarstvennogo Universiteta, Biologiya</i> , 2019, , 6-21.	0.3	10

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91	Podzol development on different aged coastal bars of Lake Ladoga. Vestnik Tomskogo Gosudarstvennogo Universiteta, Biologiya, 2019, , 6-31.	0.3	10
92	Biological and sanitary evaluation of Sibaisky quarry dumps of the Bashkortostan Republic. Gigiena I Sanitariia, 2019, 95, 929-934.	0.5	5
93	Heavy metals and hydrocarbons content in soils of settlements of the Yamal-Nenets autonomous region. Gigiena I Sanitariia, 2019, 95, 818-821.	0.5	9
94	Features of fractional composition of polycyclic aromatic hydrocarbons and multielement contamination of soils of urban territories and their hygienic characteristics (on the example of Tj ETQq0 0 0 rgBT 10verlock 80 Tf 50 61	0.5	5
95	ASSESSMENT OF ECOTOXICOLOGICAL STATE OF SOILS OF THE POLAR URAL AND SOUTHERN YAMAL. Gigiena I Sanitariia, 2019, 96, 941-945.	0.5	5
96	CHANGES IN MICROBIAL COMMUNITIES IN PRIMARY SOIL AND GROUND UNDER THE ANTHROPOGENIC INFLUENCE ON THE TERRITORY AROUND ANTARCTIC STATION "MIRNY". Gigiena I Sanitariia, 2019, 96, 949-955.	0.5	2
97	SANITARY EVALUATION OF SOIL COVER OF THE SAINT PETERSBURG STATE UNIVERSITY CAMPUS. Gigiena I Sanitariia, 2019, 98, 22-27.	0.5	4
98	CONTENT OF HEAVY METALS IN THE SOILS OF THE CITY OF MURMANSK. Gigiena I Sanitariia, 2019, 98, 478-482.	0.5	2
99	Soil microbiome in chronosequence of spoil heaps of Kursk Magnetic Anomaly. Biological Communications, 2019, 64, .	0.8	6
100	Sustainable Development of Forest Ecosystems in Urbanized Territories as a Way of Wildfire Control in Russia. Springer Geography, 2019, , 279-288.	0.4	3
101	Dynamics of Soil Organic Carbon of Reclaimed Lands and the Related Ecological Risks to the Additional CO2 Emission. Springer Geography, 2019, , 97-105.	0.4	3
102	Organic and Inorganic Contaminants in Urban Soils of St. Petersburg (Russia). Springer Geography, 2019, , 51-57.	0.4	1
103	Reactions of shorebirds and passerines to human development in the Russian Arctic under the influence of strict conservation measures. Czech Polar Reports, 2019, 9, 200-219.	0.6	0
104	Complexation of heavy metal ions with peat humic acids. , 2019, , .		0
105	Features of molecular-mass distribution of humic acids from permafrost peats of Russian Arctic. , 2019, , .		1
106	Investigation of the core microbiome in main soil types from the East European plain. Science of the Total Environment, 2018, 631-632, 1421-1430.	8.0	43
107	Assessment of postfire soils degradation dynamics: Stability and molecular composition of humic acids with use of spectroscopy methods. Land Degradation and Development, 2018, 29, 2092-2101.	3.9	18
108	Molecular composition of raw peat and humic substances from permafrost peat soils of European Northeast Russia as climate change markers. Science of the Total Environment, 2018, 615, 1229-1238.	8.0	39

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109	Characterization of Humic Acids in Mountainous Meadow Soils and Burozems of the Crimea Using ¹³ C-NMR. Eurasian Soil Science, 2018, 51, 1411-1418.	1.6	11
110	Geoelectrical Survey of Active Layer Depth in Urban and Mature Environments of Yamal Region. MATEC Web of Conferences, 2018, 170, 02024.	0.2	2
111	Stability of soil organic matter in Cryosols of the maritime Antarctic: insights from ¹³ C NMR and electron spin resonance spectroscopy. Solid Earth, 2018, 9, 1329-1339.	2.8	18
112	Assessment of Anthropogenic Influence on Antarctic Mycobiota in Areas of Russian Polar Stations. Contemporary Problems of Ecology, 2018, 11, 449-457.	0.7	6
113	The impacts of deglaciation and human activity on the taxonomic structure of prokaryotic communities in Antarctic soils on King George Island. Antarctic Science, 2018, 30, 278-288.	0.9	7
114	Evaluation of the Ecotoxicological State of Selected Soils from Urban Environments of Russian Arctic with the Aim to Substantiate Reclamation and Restoration Strategies. MATEC Web of Conferences, 2018, 170, 04001.	0.2	0
115	Polycyclic aromatic hydrocarbon in urban soils of an Eastern European megalopolis: distribution, source identification and cancer risk evaluation. Solid Earth, 2018, 9, 669-682.	2.8	24
116	Restoration of Soils and Vegetation on Reclamation Sites of the Kingisepp Phosphorite Field. Eurasian Soil Science, 2018, 51, 588-597.	1.6	5
117	Recurring surface fires cause soil degradation of forest land: A simulation experiment with the EFIMOD model. Land Degradation and Development, 2018, 29, 2222-2232.	3.9	9
118	Humification and Humic Acid Composition of Suspended Soil in Oligotrophous Environments in South Vietnam. Applied and Environmental Soil Science, 2018, 2018, 1-8.	1.7	12
119	Application of ¹³ C NMR Spectroscopy to the Study of Soil Organic Matter: A Review of Publications. Eurasian Soil Science, 2018, 51, 889-900.	1.6	23
120	DYNAMICS OF THE PLANT COMMUNITY AND MICROBIOM OF CHRONO-SERIES OF POST-TECHNOLOGICAL SOIL IN LIMESTONE QUARRY IN THE CONDITIONS OF RECULTIVATION. Sel'skokhozyaistvennaya Biologiya, 2018, 53, 557-569.	0.3	4
121	Content of available forms of nitrogen, potassium and phosphorus in ornithogenic and other soils of the Fildes Peninsula (King George Island, Western Antarctica). Biological Communications, 2018, 63, 109-116.	0.8	19
122	Restoration of soil-vegetation cover and soil microbial community at the Pechurki limestone quarry (Leningrad region, Russia). Soil Science Annual, 2018, 69, 272-286.	0.8	4
123	Impact of forest fire on soil properties (review). , 2018, , 13-23.		18
124	Permafrost-affected former agricultural soils of the Salekhard city (Central part of Yamal region). Czech Polar Reports, 2018, 8, 119-131.	0.6	13
125	Toxicological state and chemical properties of soils in urbanized ecosystems of Murmansk. Czech Polar Reports, 2018, 8, 230-242.	0.6	4
126	Diversity and main properties of soils of the Gronfjord area (Svalbard archipelago). Czech Polar Reports, 2018, 8, 43-59.	0.6	3

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127	Landscape-dynamic aspects of soil formation in the Lena River Delta. Czech Polar Reports, 2018, 8, 260-274.	0.6	3
128	Functional activity of soil microbial communities in post-fire pine stands of Tolyatti, Samara oblast. Eurasian Soil Science, 2017, 50, 239-245.	1.6	8
129	Characterization of humic acids from tundra soils of northern Western Siberia by electron paramagnetic resonance spectroscopy. Eurasian Soil Science, 2017, 50, 30-33.	1.6	16
130	Vertical electrical resistivity sounding (VERS) of tundra and forest tundra soils of Yamal region. International Agrophysics, 2017, 31, 1-8.	1.7	18
131	Trace element content in soils of the King George and Elephant islands, maritime Antarctica. Chemistry and Ecology, 2017, 33, 856-868.	1.6	20
132	Mineralogy of parent rock and peaty-podzolic soil of Iremel Ridge, Southern Urals. Eurasian Soil Science, 2017, 50, 961-970.	1.6	0
133	Predicting the scanning branches of hysteretic soil water-retention capacity with use of the method of mathematical modeling. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012105.	0.3	14
134	Soil polychemical contamination on Belyi Island as key background and reference plot for Yamal region. Polish Polar Research, 2017, 38, 313-332.	0.9	25
135	Humic substances elemental composition of selected taiga and tundra soils from Russian European North-East. Polish Polar Research, 2017, 38, 125-147.	0.9	18
136	Modeling the hydrophysical soil properties as a part of self-regulated flood dams projection in gis-environment for sustainable urban development. IOP Conference Series: Earth and Environmental Science, 2017, 90, 012109.	0.3	3
137	Electrical resistance profiles of permafrost-affected soils in the north of Western Siberia according to their vertical electrical sounding. Eurasian Soil Science, 2017, 50, 1069-1076.	1.6	4
138	Micromorphological characteristics of sandy forest soils recently impacted by wildfires in Russia. Solid Earth, 2017, 8, 553-560.	2.8	6
139	The Influence of Cryogenic Mass Exchange on the Composition and Stabilization Rate of Soil Organic Matter in Cryosols of the Kolyma Lowland (North Yakutia, Russia). Geosciences (Switzerland), 2017, 7, 24.	2.2	12
140	Laboratory Assessment of Forest Soil Respiration Affected by Wildfires under Various Environments of Russia. International Journal of Ecology, 2017, 2017, 1-10.	0.8	4
141	Evaluation of carbon stocks in the soils of Lena River Delta on the basis of application of ¹³ C and Tyurin's methods of carbon determination. Biological Communications, 2017, 62, 67-72.	0.8	8
142	Soil organic matter quality and composition in a postfire Scotch pine forest in Tolyatti, Samara region. Biological Communications, 2017, 62, 169-180.	0.8	7
143	Characterisation of humic acids, isolated from selected sub-antarctic soils by ¹³ C-NMR spectroscopy. Czech Polar Reports, 2017, 7, 1-10.	0.6	7
144	Vertical electric resistivity sounding of natural and anthropogenically affected cryosols of Fildes Peninsula, Western Antarctica. Czech Polar Reports, 2017, 7, 109-122.	0.6	2

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145	Airborne fungi in arctic settlement Tiksi (Russian Arctic, coast of the Laptev Sea). Czech Polar Reports, 2017, 7, 300-310.	0.6	11
146	Hydrocarbons content in soils of the northernmost taiga ecosystem of Komi Republic (North-East of Russia). Eurasian Soil Science, 2017, 50, 622-629.	0.6	1
147	Stability and biodegradability of organic matter from Arctic soils of Western Siberia: insights from ^{13}C -NMR spectroscopy and elemental analysis. Solid Earth, 2016, 7, 153-165.	2.8	39
148	Vertical electrical sounding of soils and permafrost of marine terraces of Gronfjord (Svalbard). Eurasian Soil Science, 2017, 50, 622-629.	0.6	4
149	Characterization of humic acids from antarctic soils by nuclear magnetic resonance. Eurasian Soil Science, 2015, 48, 1207-1211.	1.6	24
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