Inga Zinicovscaia

List of Publications by Year
in descending order

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132	1,195	516710 16	677142 22
papers	citations	h-index	g-index

136	136	136	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elemental composition of the Chelyabinsk meteorite determined by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 249-253.	1.5	2
2	Comparison of non-destructive techniques and conventionally used spectrometric techniques for determination of elements in plant samples (coniferous leaves). Journal of the Serbian Chemical Society, 2022, 87, 69-81.	0.8	1
3	Moss Biomonitoring of Atmospheric Pollution with Trace Elements in the Moscow Region, Russia. Toxics, 2022, 10, 66.	3.7	12
4	Peculiarities of the Edaphic Cyanobacterium Nostoc linckia Culture Response and Heavy Metal Accumulation from Copper-Containing Multimetal Systems. Toxics, 2022, 10, 113.	3.7	1
5	Prospects for the Use of Echinochloa frumentacea for Phytoremediation of Soils with Multielement Anomalies. Soil Systems, 2022, 6, 27.	2.6	3
6	On the Geochemistry of Major and Trace Elements Distribution in Sediments and Soils of Zarafshon River Valley, Western Tajikistan. Applied Sciences (Switzerland), 2022, 12, 2763.	2.5	1
7	Study on the SBA-15 Silica and ETS-10 Titanosilicate as Efficient Adsorbents for Cu(II) Removal from Aqueous Solution. Water (Switzerland), 2022, 14, 857.	2.7	9
8	Does Nanosilver Have a Pronounced Toxic Effect on Humans?. Applied Sciences (Switzerland), 2022, 12, 3476.	2.5	2
9	Moss Biomonitoring of Atmospheric Trace Element Pollution in the Republic of Moldova. Archives of Environmental Contamination and Toxicology, 2022, 82, 355-366.	4.1	5
10	Assessment of the Atmospheric Deposition of Heavy Metals and Other Elements in the Mountain Crimea Using Moss Biomonitoring Technique. Atmosphere, 2022, 13, 573.	2.3	3
11	Mosses as a biomonitor to identify elements released into the air as a result of car workshop activities. Ecological Indicators, 2022, 138, 108849.	6.3	17
12	Bioremediation Capacity of Edaphic Cyanobacteria Nostoc linckia for Chromium in Association with Other Heavy-Metals-Contaminated Soils. Environments - MDPI, 2022, 9, 1.	3.3	13
13	Chemical Profile, Elemental Composition, and Antimicrobial Activity of Plants of the Teucrium (Lamiaceae) Genus Growing in Moldova. Agronomy, 2022, 12, 772.	3.0	3
14	Assessment of Metal Accumulation by Arthrospira platensis and Its Adaptation to Iterative Action of Nickel Mono- and Polymetallic Synthetic Effluents. Microorganisms, 2022, 10, 1041.	3.6	7
15	Studying airborne trace elements in featured areas in Red River Delta and South Central Vietnam using moss biomonitoring technique and neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 2743-2750.	1.5	4
16	Nanoparticles and nanomaterials as inevitable modern toxic agents. Review. Part 1. Application of nanoparticles and occupational nanotoxicology. Ekologiya Cheloveka (Human Ecology), 2022, 29, 73-88.	0.7	0
17	Status of the Coastal Marine Environment in the Southern Red Sea, Yemen, as Reflected by Elements Accumulated in the Skeletons of Scleractinian (Stony) Corals. Archives of Environmental Contamination and Toxicology, 2022, 83, 95-108.	4.1	0
18	Biosorption and Bioaccumulation Capacity of Arthospiraplatensis toward Europium Ions. Water (Switzerland), 2022, 14, 2128.	2.7	6

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19	Accumulation of dysprosium, samarium, terbium, lanthanum, neodymium and ytterbium by Arthrospira platensis and their effects on biomass biochemical composition. Journal of Rare Earths, 2021, 39, 1133-1143.	4.8	7
20	Investigation of materials for reactive permeable barrier in removing cadmium and chromium(VI) from aquifer near a solid domestic waste landfill. Environmental Science and Pollution Research, 2021, 28, 4645-4659.	5.3	9
21	Removal of metals from synthetic and real galvanic nickel-containing effluents by Saccharomyces cerevisiae. Chemistry and Ecology, 2021, 37, 83-103.	1.6	7
22	Biochemical changes in microalga Porphyridium cruentum associated with silver nanoparticles biosynthesis. Archives of Microbiology, 2021, 203, 1547-1554.	2.2	7
23	The Effect of Heavy Industry on Air Pollution Studied by Active Moss Biomonitoring in Donetsk Region (Ukraine). Archives of Environmental Contamination and Toxicology, 2021, 80, 546-557.	4.1	11
24	Accumulation of Potentially Toxic Elements in Mosses Collected in the Republic of Moldova. Plants, 2021, 10, 471.	3.5	17
25	Impact of Chronic Oral Administration of Silver Nanoparticles on Cognitive Abilities of Mice. Physics of Particles and Nuclei Letters, 2021, 18, 250-265.	0.4	6
26	Zinc-Containing Effluent Treatment Using Shewanella xiamenensis Biofilm Formed on Zeolite. Materials, 2021, 14, 1760.	2.9	14
27	Assessment of TiO2 Nanoparticles Accumulation in Organs and Their Effect on Cognitive Abilities of Mice. Physics of Particles and Nuclei Letters, 2021, 18, 378-384.	0.4	1
28	Determination of the Elemental Composition of Aromatic Plants Cultivated Industrially in the Republic of Moldova Using Neutron Activation Analysis. Agronomy, 2021, 11, 1011.	3.0	3
29	Effect of zinc-containing systems on Spirulina platensis bioaccumulation capacity and biochemical composition. Environmental Science and Pollution Research, 2021, 28, 52216-52224.	5.3	6
30	The Impact Assessment of CuO Nanoparticles on the Composition and Ultrastructure of Triticum aestivum L.. International Journal of Environmental Research and Public Health, 2021, 18, 6739.	2.6	9
31	Temporal changes of atmospheric deposition of major and trace elements in European Turkey, Thrace region. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 371-381.	1.5	2
32	Bio-zeolite use for metal removal from copper-containing synthetic effluents. Journal of Environmental Health Science & Engineering, 2021, 19, 1383-1398.	3.0	3
33	Treatment of Rhenium-Containing Effluents Using Environmentally Friendly Sorbent, Saccharomyces cerevisiae Biomass. Materials, 2021, 14, 4763.	2.9	9
34	Elemental Composition of Infusions of Herbs (Tisanes) of North Ossetia (the Caucasus). Agriculture (Switzerland), 2021, 11, 841.	3.1	1
35	Chemical Composition and Assessment of Antimicrobial Activity of Lavender Essential Oil and Some By-Products. Plants, 2021, 10, 1829.	3.5	17
36	Assessment of selected rare earth elements, HF, Th, and U in the Donetsk region using moss bags technique. Atmospheric Pollution Research, 2021, 12, 101165.	3.8	7

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37	Analysis of the rolled cotton cloth fixed on the outer surface of the International Space Station using neutron activation analysis and complementary techniques. Acta Astronautica, 2021, 189, 278-282.	3.2	1
38	Macro-, micro-, and trace element distributions in areca nut, husk, and soil of northeast India. Environmental Monitoring and Assessment, 2021, 193, 65.	2.7	4
39	Effect of the Elemental Content of Shells of the Bivalve Mollusks (Mytilus galloprovincialis) from Saldanha Bay (South Africa) on Their Crystallographic Texture. Biology, 2021, 10, 1093.	2.8	7
40	Accumulation and Effect of Silver Nanoparticles Functionalized with Spirulina platensis on Rats. Nanomaterials, 2021, 11, 2992.	4.1	11
41	Determination of Multi Elements in Tobacco Plant of Northeast India by Neutron Activation Analysis and Atomic Absorption Spectrometry. Biological Trace Element Research, 2021, , 1.	3.5	5
42	Levels of Elements in Typical Mussels from the Southern Coast of Africa (Namibia, South Africa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	2.7	5
43	Sorption of Ce(III) by Silica SBA-15 and Titanosilicate ETS-10 from Aqueous Solution. Water (Switzerland), 2021, 13, 3263.	2.7	9
44	REMOVAL OF VANADIUM IONS FROM AQUEOUS SOLUTIONS USING DIFFERENT TYPE OF HYDROXYAPATITES: ADSORPTION ISOTHERM, KINETICS AND THERMODYNAMIC STUDIES. Environmental Engineering and Management Journal, 2021, 20, 871-881.	0.6	2
45	Oxidative RNA Modifications as an Early Response of Soybean (Glycine max L.) Exposed to Copper and Lead. Frontiers in Plant Science, 2021, 12, 828620.	3.6	3
46	Chemical Composition of the Essential Oil and Antimicrobial Properties of Crude Extract From Tanacetum Corymbosum (L.) Shi. Bip.. Chemistry Journal of Moldova, 2021, 16, 83-90.	0.6	4
47	The Effect of TiO2 Nanoparticles on the Composition and Ultrastructure of Wheat. Nanomaterials, 2021, 11, 3413.	4.1	6
48	Experimental Studies on the Removal of Aluminium Ions from Synthetic Aqueous Solution by Hydroxyapatites. Acta Chimica Slovenica, 2021, 68, 821-832.	0.6	0
49	Sorption isotherm study of manganese removal from aqueous solutions by natural and MnO2-coated zeolite. Environmental Protection Engineering, 2021, 47, .	0.1	0
50	Bioinspired elelctrospun hybrid nanofibers based on biomass templated within polymeric matrix for metal removal from wastewater. Polymer Bulletin, 2020, 77, 3207-3222.	3.3	3
51	Investigations of the Atmospheric Deposition of Major and Trace Elements in Western Tajikistan by Using the Hylocomium splendens Moss as Bioindicators. Archives of Environmental Contamination and Toxicology, 2020, 78, 60-67.	4.1	4
52	Growth and heavy metals accumulation by Spirulina platensis biomass from multicomponent copper containing synthetic effluents during repeated cultivation cycles. Ecological Engineering, 2020, 142, 105637.	3.6	22
53	Elemental analysis of Lamiaceae medicinal and aromatic plants growing in the Republic of Moldova using neutron activation analysis. Phytochemistry Letters, 2020, 35, 119-127.	1.2	18
54	Major and Trace Elements in Moldavian Orchard Soil and Fruits: Assessment of Anthropogenic Contamination. International Journal of Environmental Research and Public Health, 2020, 17, 7112.	2.6	8

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55	Evaluation of biosorption and bioaccumulation capacity of cyanobacteria Arthrospira (spirulina) platensis for radionuclides. Algal Research, 2020, 51, 102075.	4.6	19
56	Analysis of Spatial Data from Moss Biomonitoring in Czechâ€“Polish Border. Atmosphere, 2020, 11, 1237.	2.3	9
57	Effects of PEG-Coated Silver and Gold Nanoparticles on Spirulina platensis Biomass during Its Growth in a Closed System. Coatings, 2020, 10, 717.	2.6	16
58	Assessment of the ecological and geochemical conditions in surface sediments of the Varzob river, Tajikistan. Microchemical Journal, 2020, 158, 105173.	4.5	15
59	Multivariate assessment of atmospheric deposition studies in Bulgaria based on moss biomonitors: trends between the 2005/2006 and 2015/2016 surveys. Environmental Science and Pollution Research, 2020, 27, 39330-39342.	5.3	6
60	Efficient Removal of Metals from Synthetic and Real Galvanic Zincâ€“Containing Effluents by Brewerâ€™s Yeast Saccharomyces cerevisiae. Materials, 2020, 13, 3624.	2.9	22
61	Influence of Wooden Sawdust Treatments on Cu(II) and Zn(II) Removal from Water. Materials, 2020, 13, 3575.	2.9	24
62	Assessment of the Toxic Metals Pollution of Soil and Sediment in Zarafshon Valley, Northwest Tajikistan (Part II). Toxics, 2020, 8, 113.	3.7	5
63	Mosses as Bioindicators of Heavy Metal Air Pollution in the Lockdown Period Adopted to Cope with the COVID-19 Pandemic. Atmosphere, 2020, 11, 1194.	2.3	14
64	Metal Removal from Nickel-Containing Effluents Using Mineralâ€“Organic Hybrid Adsorbent. Materials, 2020, 13, 4462.	2.9	18
65	Active moss biomonitoring technique for atmospheric elemental contamination in Hanoi using proton induced X-ray emission. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 515-525.	1.5	6
66	Assessment of atmospheric deposition in Central Russia using moss biomonitors, neutron activation analysis and GIS technologies. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 807-816.	1.5	7
67	Spirulina platensis as renewable accumulator for heavy metals accumulation from multi-element synthetic effluents. Environmental Science and Pollution Research, 2020, 27, 31793-31811.	5.3	13
68	The Recovery of Soybean Plants after Short-Term Cadmium Stress. Plants, 2020, 9, 782.	3.5	11
69	Chlorophyll Content in Two Medicinal Plant Species Following Nano-TiO2 Exposure. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 373-379.	2.7	4
70	Selective metal removal from chromium-containing synthetic effluents using Shewanella xiamenensis biofilm supported on zeolite. Environmental Science and Pollution Research, 2020, 27, 10495-10505.	5.3	21
71	Spirulina platensis as a model object for the environment bioremediation studies. , 2020, , 629-640.		2
72	Metal Removal from Complex Copper Containing Effluents by Waste Biomass of Saccharomyces cerevisiae. Ecological Chemistry and Engineering S, 2020, 27, 415-435.	1.5	1

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73	Tough Sprouting â€“ Impact of Cadmium on Physiological State and Germination Rate of Soybean Seeds. Acta Societatis Botanicorum Poloniae, 2020, 89, .	0.8	2
74	Lithium Biosorption by Arthrospira (Spirulina) Platensis Biomass. Ecological Chemistry and Engineering S, 2020, 27, 271-280.	1.5	2
75	Accumulation Features of Micro and Macroelements in Indigenous and Alien Molluscs in Saldanha Bay, South Africa. Ecological Chemistry and Engineering S, 2020, 27, 495-508.	1.5	6
76	Management of the Quality of the Air in the Republic of Moldova Based on the Moss Biomonitoring Data. Advances in Intelligent Systems and Computing, 2020, , 297-306.	0.6	0
77	Moss Biomonitoring in Former Sovet Union Countries. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 511-529.	0.4	0
78	Heavy Metal Atmospheric Deposition Study in Moscow Region, Russia. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 435-440.	2.7	19
79	Metal ions removal from different type of industrial effluents usingSpirulina platensisbiomass. International Journal of Phytoremediation, 2019, 21, 1442-1448.	3.1	24
80	Neutron activation analysis as a tool for tracing the accumulation of silver nanoparticles in tissues of female mice and their offspring. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1079-1083.	1.5	7
81	Chemical analysis of Tanacetum corymbosum (L.) Sch. Bip. using neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 349-354.	1.5	5
82	Metal bioaccumulation in the soilâ€“leafâ€“fruit system determined by neutron activation analysis. Journal of Food Measurement and Characterization, 2019, 13, 592-601.	3.2	10
83	Thermodynamic Stability Areas of Polyvanadates of Alkaline Earth Metals. Journal of Chemistry, 2019, 2019, 1-6.	1.9	2
84	Revised Pourbaix diagrams for the vanadium â€“ water system. Journal of Electrochemical Science and Engineering, 2019, 9, 75-84.	3.5	26
85	Silver and Gold Ions Recovery from Batch Systems Using Spirulina platensis Biomass. Ecological Chemistry and Engineering S, 2019, 26, 229-240.	1.5	5
86	Study of chemistry of Cr(IV)/Cr(III) biosorption from batch solutions and electroplating industrial effluent using cyanobacteria Spirulina platensis. Revue Roumaine De Chimie, 2019, 64, 173-181.	0.2	3
87	Comparative Study of Lanthanum, Vanadium, and Uranium Bioremoval Using Different Types of Microorganisms. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	13
88	Biosorption of Re(VII) from Batch Solutions and Industrial Effluents by Cyanobacteria Spirulina platensis. Clean - Soil, Air, Water, 2018, 46, 1700576.	1.1	16
89	Major- and trace-element distribution in cigarette tobacco, ash and filters. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 629-634.	1.5	4
90	Accumulation of silver nanoparticles in mice tissues studied by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 985-989.	1.5	16

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91	Zinc removal from model solution and wastewater by Arthrospira (Spirulina) Platensis biomass. International Journal of Phytoremediation, 2018, 20, 901-908.	3.1	27
92	Metal Uptake from Complex Industrial Effluent by Cyanobacteria Arthrospira platensis. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	17
93	Active Moss Biomonitoring of Trace Elements Air Pollution in Chisinau, Republic of Moldova. Ecological Chemistry and Engineering S, 2018, 25, 361-372.	1.5	22
94	Soybean Seedlings Enriched with Iron and Magnesium - Impact on Germination, Growth and Antioxidant Properties. Ecological Chemistry and Engineering S, 2018, 25, 631-641.	1.5	2
95	Elemental content of mosses and lichens from Livingston Island (Antarctica) as determined by instrumental neutron activation analysis (INAA). Environmental Science and Pollution Research, 2017, 24, 5717-5732.	5.3	10
96	Geographical Origin Identification of Moldavian Wines by Neutron Activation Analysis. Food Analytical Methods, 2017, 10, 3523-3530.	2.6	12
97	Application of Arthrospira (Spirulina) platensis biomass for silver removal from aqueous solutions. International Journal of Phytoremediation, 2017, 19, 1053-1058.	3.1	13
98	Utilization of poplar wood sawdust for heavy metals removal from model solutions. Nova Biotechnologica Et Chimica, 2017, 16, 26-31.	0.1	15
99	Epithermal neutron activation analysis of major and trace elements in Red Sea scleractinian corals. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1445-1452.	1.5	5
100	Characterization of Heavy Metal Air Pollution in Romania Using Moss Biomonitoring, Neutron Activation Analysis, and Atomic Absorption Spectrometry. Analytical Letters, 2017, 50, 2851-2858.	1.8	15
101	Air Pollution Study in the Republic of Moldova Using Moss Biomonitoring Technique. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 262-269.	2.7	24
102	The influence of different types of pesticides on elemental profiles of some fruit trees: Apple and plum. AIP Conference Proceedings, 2017, , .	0.4	0
103	Biosorption of lead ions by cyanobacteria Spirulina platensis: kinetics, equilibrium and thermodynamic study. Nova Biotechnologica Et Chimica, 2017, 16, 105-112.	0.1	6
104	NADPH oxidase is involved in regulation of gene expression and ROS overproduction in soybean (Glycine max L.) seedlings exposed to cadmium. Acta Societatis Botanicorum Poloniae, 2017, 86, .	0.8	11
105	Spirulina platensis as biosorbent of chromium and nickel from industrial effluents. Desalination and Water Treatment, 2016, 57, 11103-11110.	1.0	18
106	Active Sphagnum girgensohnii Russow Moss Biomonitoring of an Industrial Site in Romania: Temporal Variation in the Elemental Content. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 650-656.	2.7	11
107	Biochemical Changes in Nostoc linckia Associated with Selenium Nanoparticles Biosynthesis. Ecological Chemistry and Engineering S, 2016, 23, 559-569.	1.5	12
108	Uptake of Metals from Single and Multi-Component Systems by Spirulina Platensis Biomass. Ecological Chemistry and Engineering S, 2016, 23, 401-412.	1.5	12

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109	Conventional Methods of Wastewater Treatment. , 2016, , 17-25.		17
110	Metals Removal by Cyanobacteria and Accumulation in Biomass. , 2016, , 61-111.		2
111	Nanoparticle Biosynthesis Based on the Protective Mechanism of Cyanobacteria. , 2016, , 113-121.		1
112	Quaternized pine sawdust in the treatment of mining wastewater. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	14
113	Water Quality: A Major Global Problem. , 2016, , 5-16.		2
114	Biotechnology of Metal Removal from Industrial Wastewater: Zinc Case Study. Clean - Soil, Air, Water, 2015, 43, 112-117.	1.1	20
115	Biochemical changes in cyanobacteria during the synthesis of silver nanoparticles. Canadian Journal of Microbiology, 2015, 61, 13-21.	1.7	40
116	Study of Chromium Adsorption onto Activated Carbon. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	9
117	Nostoc Linckia as Biosorbent of Chromium and Nickel from Electroplating Industry Wastewaters. Journal of Materials Science and Engineering B, 2014, 4, .	0.3	3
118	GOLD AND SILVER NANOPARTICLES IN Spirulina platensis BIOMASS FOR MEDICAL APPLICATION. Ecological Chemistry and Engineering S, 2013, 20, 621-631.	1.5	11
119	Spirulina platensis AS BIOSORBENT OF ZINC IN WATER. Environmental Engineering and Management Journal, 2013, 12, 1079-1084.	0.6	11
120	A Review of Biosorption of Chromium Ions by Microorganisms. Chemistry Journal of Moldova, 2012, 7, 27-31.	0.6	5
121	Use of Bacteria and Microalgae in Synthesis of Nanoparticles. Chemistry Journal of Moldova, 2012, 7, 32-38.	0.6	7
122	Microbial Synthesis of Silver Nanoparticles by Streptomyces glaucus and Spirulina platensis. Advanced Science Letters, 2011, 4, 3408-3417.	0.2	49
123	NAA for studying detoxification of Cr and Hg by Arthrobacter globiformis 151B. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 533-537.	1.5	6
124	Bioaccumulation and biosorption of some selected metals by bacteria Pseudomonas putida from single- and multi-component systems. , 0, 74, 149-154.		5
125	Study of selected metals biosorption by Arthrospira platensis using neutron activation analysis. , 0, 108, 119-124.		4
126	Biosorption of nickel from model solutions and electroplating industrial effluent using cyanobacterium Arthrospira platensis. , 0, 120, 158-165.		14

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127	Effect of alkaline treatment of wooden sawdust for the removal of heavy metals from aquatic environments. , 0, 155, 207-215.		4
128	Metal removal from chromium containing synthetic effluents by Saccharomyces cerevisiae. , 0, 178, 254-270.		17
129	Removal of chromium (III) ions from aqueous solutions using different types of hydroxyapatites. , 0, 204, 297-305.		2
130	Changes in the Dunaliella salina biomass composition during silver nanoparticles formation. Nanotechnology for Environmental Engineering, 0, , .	3.3	2
131	Nanoparticles and nanomaterials as inevitable modern toxic agents. Review. Part 2. Main areas of research on toxicity and techniques to measure a content of nanoparticles in tissues.. Ekologiya Cheloveka (Human Ecology), 0, , .	0.7	1
132	Role of total Na in the retention of microelements in soils on marine deposits. Geochemistry: Exploration, Environment, Analysis, 0, , geochem2021-069.	0.9	0