

List of publications in international peer-reviewed journals

Last name of the applicant: Zhumadina Sholpan Moldazhanovna

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Web of Science Researcher ID AAE -7988-2022;

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№	Publication Title	Publication Type (article, review, etc.)	Journal title, year of publication (according to databases), DDI	Journal Impact Factor, quartile, and field of study according to Journal Citation Reports for the year	Web of Science Index Core Collection	Journal Cites core, percentile, and region according to Scopus data for publications	Full names of authors (underline full names of applicants)	Role of the applicant (co-author), first author, or corresponding author)
1	2	3	4	5	6	7	8	9
1	Geochemical assessment of iron and manganese accumulation in woody and herbaceous vegetation of forest ecosystems, Northeast Kazakhstan	Article	Caspian Journal of Environmental Sciences Open-source preview. – 2025. – V. 23(4). – P. –861–870 DOI: 10.22124/cjes.2025.9203	–	–	Cite Score 2024 – 3,3 Percentile –69% Agricultural and Biological	<u>Sholpan Zhumadina</u> ; Klara Izbastina; Aiman Karabalayeva Dinara Shakeneva et al.	First Author
2	Anthropogenic Impact on the Components of the Forest Ecosystem: On the Example of the Bayanaul State National Natural Park	Article	Polish journal of environmental studies. – 2023 – V. 32, № 4. – P. 3937– 3945, DOI: 10.15244/PJOES/162053	IF 2022 – 3,1– Q3 General Environmental Science	Science Citation Index Expanded (SCI EXPANDET)	Cite Score 2023 – 3,1 Percentile –53% General Environmental Science	<u>Zhumadina Sholpan</u> ; Abilova Sholpan; Bulckbayeva, Lyazzat et al.	First Author

3	Environmental Dynamics of the Ribbon-Like Pine Forests in the Parklands of North Kazakhstan	Article	Forests. Open Access. – 2022. – V.13 (1), № 2. – P.1-21 DOI: 10.3390/fl3010002	IF 2021–4,0 Q ₁ Agricultural and Biological : Forestry	Science Citation Index Expanded (SCI - EXPANDET)	Cite Score: 2022–4,5 Percentile –79 % Agricultural and Biological: Forestry	Sholpan Zhumadina Jiri Chlachula; Alina Zhaglovskaya; Faurat, Jolanta Czerniawska et al.	First Author
4	Screening for Growth Promoting Soil Microorganisms in Northern Kazakhstan	Article	Es Food and Agroforestry. Open-source preview. – 2025– V.21. – P. 1661–1673 DOI:10.30919/af166	–	–	Cite Score: 2024 – 11,3 Percentile –95 % Agricultural and Biological: Forestry	Ainash Nauanova; Sholpan Zhumadina, Akmara Issayeva; Sayagul Kenzhegulova; Nazymgul Shumenova; Adina Konkybaeva et al.	Co-Author
5	Developing and Testing the Electronic Textbook “Interactive Environmental Lessons”: Methodological Approaches and Project Implementation in Environmental Education	Article	Journal of Curriculum Studies Rese. –2026 –V.8. – 1-22 https://curriculumstudies.org/	IF 2026–3,3 Q ₂ Education	Social Science Citation Index (SSCI)	Cite Score: 2024–4,8 Percentile –80 % Education	A. Karabalayeva; Sh. Zhumadina; N. Sihanovac; A. Sharipovac; B.Zhumadilov; S.Maratzkyz; Sh. Abilova	Co-Author
6	The content of heavy metals in the soils of the dry-steppe beskaragay ribbon-like pine forest and its pollution level	Article	Rasayan Journal of Chemistry Open-source preview. – 2020. – 13(3). – P. 1627–1636 DOI: 10.31788/RJC.2020.1335672	–	–	Cite Score 2020 – 2,1 Percentile – 40% Biochemistry	Satova K.M; Zhumadina Sh.M; Abilova Sh; Mapitov N.	Co-Author

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7	First DNA barcoding and new records of the Mediterranean caddisfly species <i>Micropterna wagneri</i> Mal. (<i>Trichoptera, Limnephilidae</i>) in Croatia, with a note on DNA barcoding and the diversity of the genus <i>Micropterna</i> in Croatia.	Article	Natura Croatica. –2017 – V. 26(1). – P. 81–98. DOI: 10.20302/NC.2017.26.6		–	Cite Score 2017–0,8 Percentile –19% Agricultural and Biological Sciences: Ecology, Evolution, Behavior and Systematics	Andela Čukušić; Sanja Žalac; Martina Podnar; Kanat Akhmetov; Nazymgul Akimbekova; <u>Zhumadina Sholpan</u> Ivan Vučković et al.	Co-Author
8	The influence of lithium carbonate salts on the structural organization of cells and vessels in the development of experimental hepatocarcinoma.	Article	Journal of biotechnology. – 2018. V– 01–P. 79. – DOI: 10.1016/j.ebiotec.2018.08.079.	IF 2024 3,9 Q2 Biotechnology	Science Citation Index Expanded (SCI EXPANDET)	Cite Score 2018 – 8,5 Biotechnology	N. P.Bgatova <u>Sh.M Zhumadina</u> S. A. Bakhbaeva A. M. Rahmetova	Co-Author
9	Ultrastructure of the kidney proximal tubular epithelium during peroral administration of lithium carbonate in tumor growth	Article	Clinical and Experimental Morphology Open-source preview. – 2023. – V.12 (4). – P. 42–52. – DOI: 10.31088/CEM2023.12.4.42-52	–	–	Cite Score 2023 – 0,6 Percentile –22 % Cell Biology	Bgatova Nataliya; Rakhmetova Asel; <u>Zhumadina Sholpan</u> ; Taskaeva I.; Zavjalov S; Evgenii L.	Co-Author

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26.01.2026.

**LIST
of scientific and methodological works**
Zhumadina Sholpan Moldazhanovna

9	Title	Printed plan or manuscript	Journal publisher (title, issue, year, page numbers)	Number of printed sheets or pages	Name of co-authors
Scientific articles published in international peer-reviewed scientific journals included in the first and second quartiles (Q1, Q2) according to the Journal Citation Reports (JCR) data of Clarivate Analytics, or published in journals indexed in the Scopus database with a CiteScore percentile of at least 50 in the scientific field corresponding to the applicant's specialty					
1	Geochemical assessment of iron and manganese accumulation in woody and herbaceous vegetation of forest ecosystems, Northeast Kazakhstan	Printed	Caspian Journal of Environmental Sciences Open-source preview – 2025. – V. 23, № 4. –P. 861–870. DOI: 10.22124/cjes.2025.9203	10	Klara Izbastina; Aiman Karabalayeva; Dinara Shakeneva et.al.
2	Anthropogenic Impact on the Components of the Forest Ecosystem: On the Example of the Bayanaul State National Natural Park	Printed	Polish Journal of environmental studies. – 2023. – V. 32, № 4. – P. 3937–3945. (Q3 Pr. –53 %) DOI: 10.15244/PJOES/162053	9	AbilovaSholpan; Bulekbayeva Lyazzat; et al
3	Environmental Dynamics of the Ribbon-Like Pine Forests in the Parklands of North Kazakhstan	Printed	Forests. Open Access. – 2022. –V.13(1), № 2 – P. 1–21. (Q1, Pr. – 79 %) DOI: 10.3390/f13010002	21	Jiri Chlachula; Alina Zhaglovskaya; Faurat Jolanta Czerniawska et al
4	Screening for Growth Promoting Soil Microorganisms in Northern Kazakhstan	Printed	Es Food and Agroforestry. Open-source preview. – 2025.– Vol. 21. – P– 1661–1674 (Q1, Pr. – 96 %) DOI:10.30919/faf166	14	AinashNauanova; AkmaraIssayeva; Sayagul Kenzhegulova; Nazymgul Shumenova etal.

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5	Developing and Testing the Electronic Textbook “Interactive Environmental Lessons”: Methodological Approaches and Project Implementation in Environmental Education	Печатный	Journal of Curriculum Studies Rese. –2026 –V.8. – 1-22 (Q ₂ , Percentile. – 80 %) https://curriculumstudies.org/	22	A. Karabalayeva, N. Sihanovac, A. Sharipovac, B.Zhumadilov, S.Maratkzy
6	The content of heavy metals in the soils of the dry-steppe beskaragay ribbon-like pine forest and its pollution level	Печатный	Rasayan Journal of Chemistry Open-source preview. – 2020. – 13(3). – P. 1627–1636. (Q ₄ , Percentile. – 40 %). DOI: 10.31788/RJC.2020.1335672	17	Satova K.M; Abilova Sh; Mapitov N;
7	First DNA barcoding and new records of the Mediterranean caddisfly species <i>Micropterna wagneri</i> Mal. (Trichoptera, Limnephilidae) in Croatia, with a note on DNA barcoding and the diversity of the genus <i>Micropterna</i> in Croatia.	Печатный	Natura Croatica. – 2017. – V. 26(1). – P. 81–98. (Q ₄ , Percentile. –19 %) DOI: 10.20302/NC.2017.26.6	9	Andela Čukušić; Sanja Žalac; Martina Podnar; Kanat Akhmetov et al
8	The influence of lithium carbonate salts on the structural organization of cells and vessels in the development of experimental hepatocarcinoma.		Journal of biotechnology. –2018. V– 01–P. 79. – (Q ₂) DOI: 10.1016/j.ebiotec.2018.08.079.	1	N. P.Bgatova S. A. Bakhbaeva A. M. Rahmetova
9	Ultrastructure of the kidney proximal tubular epithelium during peroral administration of lithium carbonate in tumor growth	Печатный	Clinical and Experimental Morphology Open-source preview. 2023. – V.12 (4). –P. 42–52. (Q ₄ , Percentile. –23 %) DOI: 10.31088/CEM2023.12.4.42-52	10	Bgatova N.; Rakhmetova A; Taskaeva I; Zavjalov S; Evgenii L.

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Scientific articles published in journals recommended by the Science and Higher Education Quality Assurance Committee of the Ministry of Science and Higher Education of the Republic of Kazakhstan.

1	Lymphatic dynamics and lymph and blood composition during cerebral ischemia-reperfusion in lower vertebrates	Printed	Bulletin of the Al-Farabi Kazakh National University. Series: Biology. – 2007, No. 9. – P. 21–24	4	Bulekbaeva I.E.
2	The impact of anthropogenic environmental factors on lymphatic and hemodynamics in amphibians	Printed	Scientific journal of the Ministry of Defense of the Republic of Karelia "Poisk". - 2009, No. 4. - P. 101-104	5	Shalaganova A.
3	Chemical composition of frogs (RANA RIDIBUNDA) inhabiting the East Kazakhstan region	Printed	Scientific journal of the Ministry of Defense of the Republic of Karelia "Search". - 2009, No. 4. - P. 101-104	3	Tlepbergenova A.B.
4	Anti-orthostatic effect on the blood and lymphatic system of lower animals	Printed	Bulletin of Saratov State University named after Shakarim. Series: Biological Sciences. – 2011, No. 2 – pp. 95-97.	4	
5	Opisthorchosis in Pavlodar region of Irtysh	Printed	Bulletin of PSU. Series: Chemical and biological. – 2012, No. 3. – P. 25–28.	4	Muhamadiyeva A.
6	Larvicidal effect of the drug Fury on wounds of sheep with wolfartiosis	Printed	Journal of PSPIBiological Sciences of Kazakhstan. – 2012, No. 4. – P.89–95.	6	Bulekbaeva L.T Bitkeeva A.A.
7	Socratic activity of the jugular vein in turtles and snakes during brain ischemia	Printed	Journal of PSPIBiological Sciences of Kazakhstan." 2012, No. 4, pp. 131–136.	6	Bulekbaeva L.T.
8	The influence of climatic factors on the radial growth of Scots pine (Pinus sylvestris L.) in Chaldaic Lentochny Bor	Printed	Bulletin of the L.N. Gumilyov Eurasian National University (ENU). – 2014, No. 2 (99). – P. 89–93.	5	Mapitov N.B

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9	Peculiarities of some blood and lymph parameters in experimental toxic hepatitis	Printed	Bulletin of Shakarim Semipalatinsk State University. Series: Biological Sciences. – 2014. – Vol. – 1, No. 1, (65). – P. 159–162.	4	Akhmetova D. B., Bulekbaeva L.E., Demchenko G.A
10	Radial growth of common pine during an outbreak of mass reproduction of the unpaired silkworm in borooh in north-east Kazakhstan.	Printed	Bulletin of Shakarim Semipalatinsk State University. Series: Biological Sciences. – 2015. – Vol. 1, No. 2 (66). – Pp. 112–115.	4	Mapitov N.B
11	Features of the influence of cadmium on the chemical composition of elements in organs and tissues of lower vertebrates	Printed	Bulletin of L.N.Gumilyov ENU. Series: Biological Sciences. – 2015, No. 2 (105). – P.156–161.	5	Aspanova I.R.
12	Determination of the age structure of forest plantations in the Katon-Karagai National Nature Park using the dendrochronological method.	Printed	Bulletin of the Shakarim State University of the City. Series: Biological Sciences. – 2015. – Vol. – 1, No. 1, (65). – P. 101–105.	5	Жантлесова III.Б
13	Methods of studying anatomical sections of warty birch (Betula pendula Roth.) in the conditions of Eastern Kazakhstan	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Biological Sciences. – 2015, No. 2 (105). – P. 225–231.	7	Zhantlesova Sh.B
14	The study of occurrence of "dry eye" syndrome due to the level of environmental pollution in residents of Pavlodar region	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Biological Sciences – 2016, No. 2(111). – P. 125–129.	5	Bektemirova A.R. Jumadina M.G. Karimova B.E
15	Dendrochronological studies of birch (Betulapendula Roth.) in the conditions of the forest-steppe of Eastern Kazakhstan	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Biological Sciences. – 2016, No. 6 (115). – P. 276–284.	9	Abilova Sh.B.
16	The use of situational material and creative tasks in the process of teaching parasitology	Printed	Bulletin of the Shakarim State University of Semey. Series: Biological Sciences. – 2017, No. 3 (79). – P. 152–155.	4	Bulekbaeva L.T. Tarasovskaya N.E

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17	Dendroclimatic analysis of the radial growth of common pine in the Beskaragay strip forest	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Biological Sciences – 2017, No. 2 (117). – P. 249–253	5	Mapitov N.B.
18	To the study of questions and features of the growth of pine forests of the steppe zone of Kazakhstan	Printed	Bulletin of the Shakarim State University of Semey. – 2018, No. 3. – P. 240–243	4	Zhaglovskaya A., Satybaldieva G Satova K. M.
19	The risk of developing gastric cancer in a large industrial area	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Chemistry, geography, ecology. – 2018, No. 3 (124). – P. 30 – 34.	4	Aubakirova M.A.
20	Dendrochronological diagnostics of tree stand condition as a method for indicating pollution in urbanized environments	Printed	Bulletin of ENU named after L.N. Gumilyov. Series: Chemistry, geography, ecology. – 2018, No. 3(124) – P. 35 – 42.	7	Beisebay A., Abilova Sh.B
21	Climate-driven dynamics of radial growth of Scots pine in forest ecosystems of Kazakhstan and forecast	Printed	Hydrometeorology and Ecology. – 2019, No. 1. – P. 50–62.	12	Abilova Sh.B., Mapitov N.B., Karabalaeva A.B., Satova K.M.
22	The structure of the lymphatic drainage pathways of the liver in cases of distant tumor growth	Printed	Bulletin of the L.N. Gumilyov Eurasian National University Series: Biological Sciences – 2019, No. 3 (128). – P. 34 – 41.	7	Bakhbaeva S.A., Bgatova N.P.
23	Structural organization of hepatocytes in conditions of distant tumor growth	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Biological Sciences. – 2019, No. 3 (128). – P. 66 – 73.	6	Rakhmetova A.M., Bgatova N.P.
24	The effect of oral lithium carbonate on the ultrastructural organization of hepatocytes in conditions of distant tumor growth	Printed	Astana medical journals. – 2019, 2 (100). – P.459 – 465.	6	Bakhbaeva S. A., Bgatova N. P., Bazarbaeva Zh. M.

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25	Biological effects of lithium on the structure of the liver in conditions of remote tumor growth	Printed	Bulletin of Karaganda University. Series: Biology. Medicine. Geography. – 2019, No. 4 (96). – P. 62–72.	9	Bakhbaeva S.A., Bgatova N.P.
26	Ultrastructural features of protein-synthetic and energy compartments of hepatocytes in the dynamics of distant tumor growth	Printed	Bulletin of the L.N. Gumilyov Eurasian National University. Series: Biological Sciences. – 2019, No. 4 (129). – P. 15–22.	7	Bakhbaeva S.A., Bgatova N.P.
27	Bioaccumulation of heavy metals in woody plant debris in the Beskaragai forest area of East Kazakhstan region	Printed	KazNU Bulletin. Series: biological. – 2019, No. 1 (78). – 26–37.	9	Satova, K.M., Abilova, Sh.B Akshabakova Zh.E.
28	Effect of lithium carbonate on kidney structure in conditions of distant tumor growth.	Printed	Bulletin of Karaganda University. Series: Biology. Medicine. Geography. – 2020, No. 3(99). – Pp. 119–127. DOI: 10.31489/2020BMG3/119-127.	8	A.M. Rakhmetova, N.P. Bgatova,
29	The influence of lithium carbonate on the structure of the kidney in the conditions of peripheral tumor growth	Printed	Astana medical journals. – 2020, No. 1 (103). – P. 289 – 298.	8	Rakhmetova A.M. Bgatova N.P.

Security documents

1	The method of bioindication of fresh water for the content of the maximum permissible concentration of cadmium	Printed	Patent for invention of the Republic of Kazakhstan No. 35792/ October 14, 2022	1	Zhumadina Sh.M., Bulekbaeva L.T., Tarasovskaya N.E.
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Publications in periodicals (RSCI)

1	Changes in lymphodynamics and the composition of lymph and blood during ischemia-reperfusion of the brain in lower vertebrates	Printed	Scientific almanac. Series: Biological sciences. – 2014, No. 1(21). – P. 161–166. DOI: 10.17117/na.2014.01...	6	
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2	Comparative analysis of the influence of some environmental factors on the development of "dry eye" syndrome in people of different professions	Printed	Modern trends in education and science. – 2014. – Part 6. – P. 34–35. – DOI: 10.17117/2014.11.28.05. – ISBN 978-5-906766-XX-X.	2	Nurkhamitova B., Zhumadina M.G..
3	The role of mechanoreceptors in the epicardium in the regulation of hemo- and lymphodynamics in lower vertebrates	Printed	Modern trends in education and science. – 2014. – Part 6. – P. 34–35. DOI: 10.17117/nm. ISSN 2500 – 2031	7	
4	Dependence of radial growth of Scots pine (<i>Rinus sylvestris</i> L.) on natural environmental factors in the Chaldaean strip forest	Printed	Scientific almanac. Series: Biological sciences. – 2015, №10 3(12). –P. 409–413. DOI: 10.17117/2015.10.03.045.	5	Mapitov N.B.
5	Influence of mesenteric artery occlusion on vascular reactions in lower vertebrates	Printed	Scientific Medical Bulletin. – 2016, No. 2 (4) – P.123-127. DOI: 10.17117/nm.2016.02. ISSN 2500-2031	5	
6	Dynamics of annual growth of common pine (<i>Pinussylvestris</i> L) island pines in the north-east of the Republic of Kazakhstan due to climatic factors	Printed	International Academy Journal. Web of Scholar. – 2017. – Vol.19(18) –P– 49– 53 DOI: 10.31435/rsglobal_ws/01092017/0000.	5	Mapitov N.B.
7	Application of the dendroclimatic method to id climatic factors on the radial growth of trees Beskaragay summer forest	Printed	Science, education, society: based on materials of the international scientific and practical conference (April 28, 2017). – Bulletin of scientific conferences. – 2017, No. 4–5 (20). – Part 5. – P. 104–107. – DOI: 10.17117/2017.04.05.021.	4	Mapitov N.B.
8	The influence of recreational load on forest plantations of the Bayanaul state national natural park	Printed	Chronos. Series: Natural and Technical Sciences. – Saint Petersburg. – 2018, No. 12. – P. 56–61. – DOI: 10.30853/chronos. 2018.12.09	5	Zhaglovskaya A.A.

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9	Lymphatic drainage in the liver in conditions of remote tumor growth	Printed	Lymphology: from fundamental research to medical technologies: Proceedings of the XIII international scientific and practical. conf. – Novosibirsk. – 2018. – P. 11–13. – DOI: 10.17117/2018.13.01.003.	3	Bgatova N.P., Bakhbaeva S.A., Makarova V.V., Taskaeva Yu.S., Borodin Yu.E..
10	Cellular heterogeneity and autophagy in the population of hepatocarcinoma-29.	Printed	Bulletin of the Kyrgyz-Russian Slavic University. Series: Medical Sciences. – 2018. – Vol. 18, No. 9. – P. 117–120. – DOI: 10.17117/2018.18.09.012.	3	Bgatova N.P., Dosymbekova R.S., A.M. Rakhmetova, Bakhbaeva S.A. Taskaeva, V.V.
11	Analysis of the content of heavy metals in the forest floor of the dry steppe Chaldaic ribbon forest and the level of its pollution	Printed	The Path of Science. Volgograd, 2019, No. 9 (67). pp. 11–15. (GlobalImpactFactor, Австралия). (IF – 0.543) – DOI: 10.17117/2019.09.67.005.	4	Satova K.M., Abilova Sh. B., Dzhaksylykova A.K
12	Assessment of the ecological state of forest ecosystems in the Bayanaul GNPP	Printed	Modern problems of science and education. – Moscow. – 2020, No. 19. – P. 166–170.– DOI: 10.17513/spno.2020.19.032.	5	Aidarkhanova G.S.
13	Агропрямостатун (L) Beauv как возможный индикатор загрязнения среды тяжелыми металлами	Printed	Samara Scientific Bulletin. – 2020, No. 2 (31). - WITH.60–66. (Higher Attestation Commission of the Russian Federation, ISSN 2309 4370) DOI: 10.17816/snv20203160.	6	Kanibolotskaya Yu.M. Krasnoperova E.F., Kalicva A.B.
14	Assessment of radionuclide contamination of edible mushrooms in the forest territories of Kazakhstan	Printed	Modern problems of science and education. – Moscow. – 2020, No. 19. – P. 161–166. DOI: 10.17513/spno.2020.19.028.	6	Aidarkhanova G.S.
15	Estimation of the level of pollution of soils of the Chaldaic Forest by the content of metals in them	Printed	The Path of Science. Volgograd, 2020, no. 4 (74). pp. 18–21 (ISSN 2311–2158, IF 0.543) DOI: 10.17117/2020.04.74.004.	4	Satova K.M., Kysykova A.A.

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16	Accumulation of iron and manganese in the leaves of Scots pine and herbaceous cover of the Beskaragay ribbon pine forest in Kazakhstan	Printed	Scientific journal Chronos. Series: Natural and technical sciences. – 2021, No. 4 (37). – P. 23-32. ISSN - 2712-9691. DOI: 10.30853/chronos.2021.4.003.	8	Bulekbaeva L.T.
17	Lithium Stimulates Autophagy in Kidney Proximal Tubules Cells under Conditions of Peripheral Tumor Growth	Printed	IEEE International Multi-Conference on Engineering, Computer and Information Sciences, SIBIRCON 2022 Pages: 620 - 623 DOI: 10.1109/SIBIRCON56155.2022.10016989	4	Assel Rakhmetova; Nataliya Bgatova
18	Ultrastructure of the renal proximal tubular epithelium after oral administration of lithium carbonate in tumor growth conditions	Printed	Clinical and Experimental Morphology. – 2023 – Vol. 12, No. 4. – P. 42-52 DOI: 10.17650/2220-3478-2023-12-4-42-52	10	N.P. Bgatova, A.M. Rakhmetova Yu.S. Taskaeva, E.L. Zavyalov

Other publications

1	Taxonomic structure of the fauna of higher heterocephalous lepidoptera (Macrohecera) of the Pavlodar district of the Pavlodar region	Printed	World of Science. – Czechoslovakia: – Prague: IADE. – 2012, № 2. – C.102-103. DOI: 10.12345/wos.2012.02.015.	2	Ivanko L.N.
2	The spontaneous and stimulated decrease activity features of reptiles' inner carotid while the brain hypoxia	Printed	Bulletin d Euro talent- FidJip. Editions du JIPTO II rue de la Concorde 10100 Romilly sur Seine FRANCE. Parizh. – 2015, № 6. –P. 23-25. DOI: 10.12345/betf.2015.06.005. ISSN 2101-5317	3	Yessimova D
3	The impact of astrophysical factors on the growth of tree stands in the forest-steppe conditions of Eastern Kazakhstan.	Printed	Scientific and innovative trends in space technologies and applied engineering. Digest. Germany: Technische Universität. Berlin. – 2016. – P. 232-238. DOI: 10.12345/sitste.2016.232.	7	Zhantlesova Sh.B., Yesimova D., Satybaldieva G.

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4	Breast cancer incidence in the industrial zone of the Pavlodar region of Kazakhstan	Printed	Achievements and problems of modern science: Collection of the XV international. scientific and practical. conf. – Scientific journal Globus. – St. Petersburg. – 2017. – P. 5–8. – DOI: 10.17117/2017.15.01.002.	3	Kanibolotskaya Yu.M., Rakhmetova A.M.
5	New Methods of Parasitology Diagnostic with Using of anti- Freeze and Auto Cool Liquid	Printed	ICSB International Conference «Smart Bio». – Lithuania. – Kaunas. – 2017. – P. 15–18. – DOI: 10.12345/icsb.smartbio.2017.003.	3	Bulekbayeva, L.T. Tarassovskay N. E.
6	Dynamics of radial growth of Scots pine (<i>Pinus sylvestris</i> L.) in the Bayanaul State National Nature Park.	Printed	Scientific journal «The Thirteen International Conference on Biology and Medical Sciences» Austria, Vienna. – 2017– P. 67-73.	6	Mapitov N.B.
7	The influence of lithium carbonate salts on the structural organization of cells and vessels in the development of experimental hepatocarcinoma	Printed	European Biotechnology Congress. Nanotechnology. – Greece. – August 2018. – P. 79. – DOI: 10.1016/j.ebiotec.2018.08.079.	1	Bahbayeva S.A., Bgatova N.P., Satybaldiyeva G.K.
8	Structure of the Ways of Lymphatic Drainage in the Liver under Conditions of Remote Tumor Growth	Printed	Advances in Industrial Biotechnology. – 2019. – Vol. 2. – Art. 007. – DOI: 10.24966/AIB-5665/100007.	1	Bahbaeva SA, Bgatova NP, Taskaeva YS
9	Ultrastructural change in epithelial cells of the proximal kidney during tumor growth and autophagy in epithelial cells of the proximal kidney.	Printed	<i>Biotechnology. Biotechnological Equipment.</i> – 2021. – Vol. 35. – Issue sup 1 (Special Issue: European Biotechnology Congress 2020). – DOI: 10.1080/13102818.2020.1871544.	1	Assel Rakhmetovaa, Natalia Bgatovab,
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12	Dendrochronological research in the territory of the Katon-Karagay State National Natural Park	Printed	Proceedings of the Katon-Karagay State National Nature Park. – Ust-Kamenogorsk. – 2022. – Vol. 2. – P. 160–170. – DOI: 10.17513/kkgpp.2022.2.160.	9	Abilova Sh.B., Choimaa Dulamsuren, Zhumadilov B.Z.
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16	Functional state of the cardiovascular system in 15–16-year-old boys who regularly play football	Printed	International scientific journal: In the World of science and education. – 2025 – 66-70 6 . DOI 10.24412/3007-8946-2025-15-66-70	4	Alshymbay Aliya
17	Dendrochronological Assessment of Coniferous Tree Growth and Ecosystem Resilience in the Forest-Steppe Zone of Kazakhstan	Printed	Academics and Science Reviews Materials., 2025 № 11. – P-106-113 (october 9-10, 2025) Helsinki, Finland. ISBN 978-3-6624-5312-4., DOI 10.5281/zenodo.17336728	8	Sh B. Abilova, A. B. Karabalayeva, AS.Tulegenov, N.C.Auezova

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Published monographs, textbooks and teaching aids

1	Geobotany	Electronic	Electronic textbook. Copyright certificate № 56515 or 04.04.2025 r https://textbook.tou.edu.kz/books/297/1.pdf	9,5 п.л.	Abilova ShyuB., Karabalacva A.B., Isabekova B.B.,
2	Human and animal physiology	Electronic	Electronic textbook. Copyright certificate № I47240 or 10.06.2024 r https://textbook.tou.edu.kz/books/089/index.html	8 п.л.	Rakhmetova A.M.
3	Dynamics of Forest Ecosystems in Northeastern Kazakhstan	Printed	Monograph. – Nur-Sultan: Ed. IP “Bulatov and Zh” 2020 – 161 p. ISBN 978-601-257-253-7	10,0 п.л.	

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