

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K. I. SATBAYEV

List of scientific papers in international peer reviewed
scientific journals, included in Scopus and Web of Science databases
Yagaliyeva Bagdat

Author identifiers:

Scopus Author ID: 42062442900

Web of Science Researcher ID: AAQ-4246-2020

ORCID: 0000-0003-4644-2261

№ п/п	Publication title	Publication type	Journal name, year of publication, DOI	Journal Impact Factor, Quartile and Field of Science according to Journal Citation Reports for year of publication	Index in the Web of Science Core Collection	Journal CiteScore, percentile and field of science according to Scopus for year of publication	NAME of the authors (co-applicant to underline)	The role of the applicant
1	2	3	4	5	6	7	8	9
1.	Conceptual Diagram of An Intelligent Decision Support System in the Process of	Article	Journal of Theoretical and Applied Information	-	-	Cite Score 1.3; General Computer	Akhmetov, B., Lakhno, V., Yagaliyeva, B., Kydyralina, L.,	Co-author

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K.V. Turmagambetova

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	Investing in Cybersecurity Systems		Technology, 2021, 99(18), pp. 4297-4310 ISSN 19928645			Science – 30% процентиль	Oshanova, N., Adilzhanova, S.	
2.	Application of bayesian networks in the decision support system during the analysis of cyber threats	Article	Journal of Theoretical and Applied Information Technology, 2021, 99 (4), pp. 884-893 ISSN 19928645	-	-	Cite Score 1.3; General Computer Science – 30% процентиль	Akhmetov, B.S., Lakhno, V.A., Ydyrysbayeva, M.B., <u>Yagaliyeva</u> , <u>B.E.</u> , Baiganova, A.V., Akhanova, M.B., Tashimova, A.K.	Co-author
3.	Neural network methods for the detection of farm animals in dense dynamic groups on images	Article	Applied Mathematics and Information Sciences, 2023, 18 (2), pp. 241 - 249. ISSN: 19350090	-	-	CiteScore 2.1 ; Computation al Theory and Mathematics 39% процентиль	Ivashchuk O., Atymtayeva L., Zhigalov A., <u>Yagaliyeva B.</u> , Ivashchuk O., Fedorov V.	Author corresponde nt
4.	Cloud Platform Selection Model in the Framework of	Article	IEEE Access (Volume: 13), 2025, pp. 22578 –	(2024) JIF 3.6	(2024) SCIE	(2024) CiteScore 9.0	Makulov K., Chikrii A.,	Author corresponde nt

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	Differential Quality Game With Fuzzy Information		22589. ISSN: 2169-3536	Computer science, information systems - Q2		General Computer Science 86% процентиль	Lakhno V., Yagaliyeva B., Malyukov V., Malyukova I., Lakhno M.	
5.	Modeling Approaches for Digital Plant Phenotyping Under Dynamic Conditions of Natural, Climatic and Anthropogenic Factors	Article	Algorithms 2025, 18(11), 720 pp. 1-29. E-ISSN:1999-4893	(2024) JIF 2.1 Computer science, theory & methods – Q2	(2024) ESCI	(2024) CiteScore 4.5 Computer Science – 72% процентиль	Yagaliyeva, B., Ivashchuk, O., Goncharov, D.	First Author
6.	A Model for Financing the Process of Education Informatization, taking into Account Computer Security within the Framework of a Differential Quality Game	Article	Journal of Advances in Information Technology, 2025, 16(12), pp. 1746–1757. E-ISSN:1798-2340	(2024) JIF 1.5 Computer science, information systems – Q3	(2024) ESCI	(2024) CiteScore 4.8 Computer Networks and Communications – 64% процентиль	Arkadii Chikrii, Kaiyrbek Makulov, Bagdat Yagaliyeva, Berik Akhmetov, Valerii Lakhno, Imna Malyukova, Volodimir Malyukov	Author correspondent

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List of scientific papers
Yagaliyeva Bagdat Yessenovna

№ п/п	Title	Nature of the edition	Output data	Number of pages	Co-authors
1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in Education and Science of the Ministry of Science and Higher Education of the Republic of Kazakhstan					
1.	Analysis of expert systems, revealing of the main deficiencies and specification of ways of its solving	Electronic	Вестник КазНТУ. – 2014. - №6. – С. 56-60.	5	Макулов К.К., Отарбаев Ж.О.
2.	Көпфакторлығы ескерілетін киберқауіпсіздікке инвестициялау процесін басқаруға арналған шешімдерді қабылдауды қолдау жүйелерінің моделін әзірлеу	Electronic	Вестник КазНТУ им. Абая, серия «Физико-математические науки», №3(75), 2021, с. 70-75, ISSN 2559-5886	6	Б.Б. Ахметов, В.А. Лахно, Г.С. Жиликишбаева
3.	Қорғаныс жағындағы қатерлер мен ресурстардың бұлдыр жыынтығымен киберқауіпсіздікті қаржыландырудың адаптивті моделі	Electronic	Вестник Национальной инженерной академии Республики Казахстан № 2 (88), 2023, с. 103-113, ISSN 2709-4693. https://doi.org/10.47533/2023.1606-146X.10	12	В.А. Лахно, К.К. Макулов

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4.	Analysis of the quality of noise generators	Electronic	Вестник КазНПУ им. Абая, серия «Физико-математические науки», №4(84), 2023, с. 93-100, ISSN 2559-5886	7	G. Martyniuk, K. Makulov, B. Akhmetov
5.	Парниктік газдардың әсерінен ауыл шаруашылығы дақылдарының жай-күйінің динамикасын цифрлық мониторингтеу және болжау	Electronic	Вестник КазНПУ им. Абая, серия «Физико-математические науки», №4(88), 2024, с. 159-170, ISSN 2559-5886	11	O.A. Ивашук, Д.В. Гончаров, О. О. Ивашук, К.К. Макулов
6.	Deep learning-based cyberbullying detection in Kazakh: a hybrid approach for improved text classification	Electronic	Вестник КазНПУ им. Абая, серия «Физико-математические науки», №4(90), 2025, с. DOI: 10.51889/2959-5894.2025.92.4.020		D. Sultan, R. Abdurakhmanov, T. Turymbetov, T. Isakov
Articles published in other scientific journals and publications					
7.	Dynamics of transtropic elastic continua with non-homogeneities	Electronic	(2010) WCE 2010 - World Congress on Engineering 2010, 2, pp. 1024 - 1027	4	Atymtayeva L.B., Masanov Z.K., Myrzakhmetova G.S.
8.	Diffraction of elastic PP-, SV-and SH-waves on the arbitrary deep-founded cavities in the anisotropic rock massif	Electronic	(2012) Lecture Notes in Engineering and Computer Science, 3, pp. 1907 - 1912	6	Atymtayeva L.B., Masanov Z.K.

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9.	Analysis of stress-strain state of diagonal mines in multilinked anisotropic massif under the actions of elastic waves	Electronic	(2013) Lecture Notes in Engineering and Computer Science, 1 LNECS, pp. 134 - 138	5	Atymtayeva L.B., Masanov Z.K.
10.	Expert systems for information security management and audit. Implementation phase issues	Electronic	(2014) 2014 Joint 7th International Conference on Soft Computing and Intelligent Systems, SCIS 2014 and 15th International Symposium on Advanced Intelligent Systems, ISIS 2014, art. no. 7044702, pp. 896 - 900	5	Kanatov M., Atymtayeva L.
11.	Conceptual Model of the Automated Decision-Making Process in Analysis of Emergency Situations on Railway Transport	Electronic	(2019) Lecture Notes in Business Information Processing, 375 LNBIP, pp. 153 - 162 DOI: 10.1007/978-3-030-37632-1_14 Conference Paper Процентиль - 44	10	Abuova A., Lakhno V., Oshanova N. Anosov A.
12.	A Model for Managing the Procedure of Continuous Mutual Financial Investment in Cybersecurity for the Case with Fuzzy Information	Electronic	(2022) Lecture Notes on Data Engineering and Communications Technologies, 93, pp. 539 - 553 DOI: 10.1007/978-981-16-6605-6_40 Book Chapter Процентиль - 37	15	Akhmetov B., Lakhno V., Malyukov V., Akhmetov B., Lakhno M., Gulmira Y.
13.	Analysis of Information Flows of Distance Education Systems, Taking into Account the Need to Ensure Their Cybersecurity	Electronic	(2022) CEUR Workshop Proceedings, 3288, pp. 104 - 109 Conference Paper Процентиль – 23		Lakhno V., Kydyralina L., Akhmetov B., Makulov K.

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B. Y. Yagaliyeva

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(Handwritten signatures of B. Y. Yagaliyeva, G.A. Burshukova, and K.V. Turmagambetova)

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14.	University Distributed Computer Network Vulnerability Assessment	Electronic	(2023) SIST 2023 - 2023 IEEE International Conference on Smart Information Systems and Technologies, Proceedings, pp. 141 - 144 DOI: 10.1109/SIST58284.2023.10223501	4	Lakhno V., Malyukov V., Akmetov B., Kryvoruchko O., Desiatko A.
15.	Analysis of Threat Models for Unmanned Aerial Vehicles from Different Spheres of Life	Electronic	(2023) Lecture Notes on Data Engineering and Communications Technologies, 181, pp. 595 - 604 DOI: 10.1007/978-3-031-36118-0_53	10	Martyniuk H., Akmetov B., Makulov K., Akmetov B.
16.	The Model of Server Virtualization System Protection in the Educational Institution Local Network	Electronic	(2023) Lecture Notes on Data Engineering and Communications Technologies, 166, pp. 461 - 475 DOI: 10.1007/978-981-99-0835-6_33	15	Lakhno V., Akmetov B., Kryvoruchko O., Desiatko A., Tsutsiura S., Tsutsiura M.
17.	Neural network methods for the detection of farm animals in dense dynamic groups on images	Electronic	(2024) Applied Mathematics and Information Sciences, 18 (2), pp. 241 - 249 DOI: 10.18576/amis/180204	9	Ivashchuk O., Atymtayeva L., Zhigalov A., Ivashchuk O., Fedorov V.
18.	Методы и модели интеллектуальной оценки территорий в условиях динамики климатических условий	Electronic	Современные наукоемкие технологии № 9, 2025, стр. 71-77.	7	Иващук О.А., Гончаров Д.В., Казин А.К.,

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19.	Using the Object Perimeters in MGA Algorithms for the Best Choice of Cybernetic Security Means	Electronic	Appl. Math. Inf. Sci. 19, No. 3, 703-711 (2025)	8	B Akhmetov, L Atymtayeva, V Lakhno, B Akhmetov
International research-practical conferences					
20.	Generalized Plane Deformation Solutions of the Shallow Located Cavity at the Anisotropic Rock Massif under the Actions of Elastic SH-Waves	Electronic	International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2014). - Antalya, Turkey 6-9 November 2014. - P. 45.	1	L. Atymtayeva
21.	Оптимизация состава контуров кибербезопасности на основе генетического алгоритма	Electronic	The 11th International Scientific Conference «ITSec» October, 1-6 2021, Kyiv (Ukraine), Antalya (Turkey). pp. 9-12.	4	B. Жахно, Б. Ахметов
22.	Development of the structural and analytical models for early apt-attacks detection and intruders identification	Electronic	Scientific and Practical Cyber Security Journal (SPCSJ) 6(1): 53-58 ISSN 2587-4667 Scientific Cyber Security Association (SCSA). ol 6, March 2022. P. 53-58	6	S. Gnatyuk, Zh. Avkurova, A. Tolbatov, Y. Krasovska, O. Verkhovets
23.	Developing a Carbon Quoting Method for Environmental Processes and Agricultural Industry Facilities	Electronic	Emerging Technologies, Sustainable Development, and Recent Innovations in Agriculture, Industry, and Education: Research Anthology and Selected, pp. 83-91. Contributions ISBN 979-8-309-87717-1 (Paperback) ISBN 979-8-309-87756-0 (Hardcover)	5	O.A. Ivashchuk, D.V. Goncharov, K.K. Makulov

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24.	Стратегия управления продуктивностью сельскохозяйственных территорий с учетом климатических и инфраструктурных изменений	Electronic	XI Международная научно-практическая конференция «Актуальные проблемы науки и образования в условиях глобальных изменений» 12 ноября 2024 года. стр. 212-216	5	Ивашук О.А., Гончаров Д.В.
25.	Models for Visualized Spatial Assessment and Forecasting of the Level of Technogenic Impact on the Atmosphere of Regional Territories: Development, Research and Practical Application.	Electronic	Seventeenth International Conference on Climate Change: Impacts & Responses. 21-25 January 2025.	6	O. Ivashchuk
26.	Machine Learning Approach to Fault Detection in Microclimate system at Residential and Non-residential buildings.	Electronic	In Proceedings of PAMDAS 2025 - International conference on Physical Asset Management and Data Science, 17-18 Jul. 2025, Coimbra, Portugal. ISBN 978-989-8331-19-9. pp. 400-412.	13	N. Daurenbayeva, I. Atymtayeva, M. Mendes, A. Nurlanuly
Patents, copyright certificates					
27.	«Investing in cybersecurity»	Electronic	Свидетельство о внесении сведений в государственный реестр прав на объекты, охраняемые авторским правом №18787 от 17.06.2021 г.		Алимсейтова Ж.К., Ахметов Б.С., Лахно В.А., Ахметов Б.Б., Тынымбаев Б.А., Турғынбаева А.А.
28.	«DSS investing in cybersecurity»	Electronic	Свидетельство о внесении сведений в государственный реестр прав на объекты,		Алимсейтова Ж.К.,

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			охраняемые авторским правом №18928 от 23.06.2021 г.	Ахметов Б.С., Лахно В.А., Ахметов Б.Б., Жилкишбаева Г.С., Тынымбаев Б.А.
29.	Программа для оценки продуктивности сельскохозяйственных территорий в условиях динамики парникового эффекта	Electronic	Свидетельство о внесении сведений в государственный реестр прав на объекты, охраняемые авторским правом № 63586 от «30» октября 2025 года	Ивашук О. А., Байболатов Е. М., Гончаров Д. В., Атымтаева Л. Б., Оган А.
30.	Информационная система для визуализации управляющих воздействий по адаптации сельскохозяйственных территорий в условиях динамики парникового эффекта	Electronic	Свидетельство о внесении сведений в государственный реестр прав на объекты, охраняемые авторским правом № 64206 от «13» ноября 2025 года	Гончаров Д. В., Бекболат Д. М., Ивашук О. А., Байболатов Е. М., Канат М. А.
Monographs, textbooks, study guides				
31.	Динамические задачи механики подземных сооружений.	Printed	Монография. – Алматы: КБТУ, 2014. – 204. ISBN 978-601-269-062-0	204 Масанов Ж.К., Атымтаева Л.Б., Мырзахметова Г.С.
32.	Интеллектуальные системы поддержки принятия решений в процессе	Printed	Монография. – Алматы: Полиграфия сервис и Ко, 2022.-с. 242. ISBN 978-601-308-781-8	242 Ахметов Б.Б., Лахно В.А., Малпоков В.П.

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	инвестирования в системы кибернетической безопасности				
33.	Архитектура компьютерных систем Часть 1. "Компьютерная схемотехника и логика «математические модели компьютерных кодов, структуры, алгоритмы и схемотехника операций компьютерной арифметики»	Printed	Учебное пособие. – Актау. ЕУ, 2022 – 118 с. ISBN 978-601-257-449-4	118	Лахно В.А., Ахметов Б.Б., Макулов К.К., Гусев Б.С.
34.	Интеллектуалды басқару жүйелері: Жасанды интеллект және цифрлық технологиялардың ықпалы.	Printed	Монография. – Алматы: Полиграфия сервис и Ко, 2025.-с. 130. ISBN 978-601-7399-81-8	129	Макулов К.К.
35.	Компьютерная схемотехника. Часть 1. «Типовые узлы компьютерных систем. Триггерные схемы»	Printed	Учебник. – Алматы: "Полиграфия", 2025. – 273 с., 2025.-с. 273. РУМС МНВО РК Протокол № 2 от 15 мая 2025 г. ISBN 978-601-80838-9-1	273	К. К. Макулов, Б. Е. Гусев, В. А. Лахно.
36.	Компьютерлік жүйелер архитектурасы және арифметикалық құрылғылар сұлбатеchnикасы	Printed	Оқулық. - Алматы, "Полиграфия"баспасы, 2025.- 285 б. ISBN 978-601-7399-83-2 (ҚР ҒЖБМ РОӘК ОӘБ-ЖБТ) 15.05.2025 № 2 хаттама	285	Макулов К.К.
37.	Интеллектуальный мониторинг и прогнозирование состояния сельскохозяйственных территорий в условиях динамики техногенного и климатического воздействия	Printed	Монография. – Алматы: Мирас, 2025. ISBN 978-601-323-636-0. -с. 116.	116	Иващук О.А., Гончаров Д.В., Оган А.

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