

List of scientific publications in international peer-reviewed journals
indexed in Scopus and Web of Science
Serbin Vassiliy Valerievich

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Scopus Author ID: 57195916063, 59492184000
Web of Science Researcher ID: P-4890-2017, LZU-2804-2025
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Nº	Title of the publication	Type of publication	Journal Title, Year of Publication, DOI	Journal Impact Factor, Quartile, and Subject Area according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection	Journal CiteScore, Percentile, and Subject Area according to Scopus for the year of publication	Full names of the authors (underline the name of the applicant)	Role of the candidate
1	Study of the Possibility to Combine Deep Learning Neural Networks for Recognition of Unmanned Aerial Vehicles in Optoelectronic Surveillance Channels	3 Article	Modelling 2024, 5, 1773–1788. https://doi.org/10.3390/modelling5040092	(2023) IF 1.3 Engineering, multidisciplinary – Q3	6 ESCI	7 (2023) Cite Score 2.7; Computer Science – 45% процентиль	V. Semenyuk, I. Kurmashev, D. Alyoshin, L. Kurmasheva, <u>V. Serbin</u> , A. Cantelli-Forti	Co-author

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2	The Solution of Semi-Empirical Equation of Turbulent Diffusion in Problems of Polluting Impurity Transfer by Gauss Approach (Статья)	Conference Proceedings	The 11th International Conference on Future Networks and Communications (FNC 2016) / The 13th International Conference on Mobile Systems and Pervasive Computing (MobiSPC 2016) / Affiliated Workshops (MobiSPC 2016). Vol 94, 2016, P. 372-379. DOI 10.1016/j.procs.2016.08.057	(2023) IF 0.183 Engineering: Mechanics of Materials – Q4	SCIE	Cite Score 1.2; General Computer Science – 47% процентиль	K. Duysebekova, A. Kuandykov, T. Duysebekov, M. Alimanova, S. Orazbekov, <u>Serbin V.</u> , D. Kozhamzharova, L. Alimzhanova	Co-author
3	Effect of cavitation on high-temperature silicate melts (Article)	Article	Glass and ceramics, Vol. 69, I 7-8. P 259-261, 2012			Cite Score 0.2; Engineering: Mechanics of Materials – 12% процентиль	Yu. A. Spiridonov, <u>V.V. Serbin</u> , A. S. Chainikova, N. N. Klimenko	Co-author

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4	Gamification and Artificial Intelligence in Education: A Review of Innovative Approaches to Fostering Critical Thinking (Article)	Article	IEEE Access, Volume 13, 2025. P. 98699-98728. DOI 10.1109/ACCESS.2025.3576147	-	-	Cite Score 9.8; Computer Science: General Computer Science 86% процентиль	A.M. Kassenkhan; A.N. Moldagulova; <u>V.V. Serbin</u>	Co-author
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№ п/п	Title of the publication	Type of publication	Publication details	Number of pages	Co-authors
1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Higher Education and Science of the Republic of Kazakhstan					
1	Modeling of a system for assessing the quality of career guidance of applicants upon admission to a university (Article)	Printed	Вестник АУЭС, №4 (63). 2023, 119-130 с. https://doi.org/10.51775/2790-0886_2023_63_4_119	12	L.B. Kurmasheva, V.P. Kulikov, V.P. Kulikova
2	Management of the process of designing multi-stream business processes (Article)	Printed	Вестник АУЭС, №1 (60). 2023, 163-172 с. https://doi.org/10.51775/2790-0886_2023_60_1_163	10	A.A. Zhanalinova
3	Основные понятия адаптивного обучения и анализ существующих систем адаптивного образовательного онлайн-процесса (Статья)	Printed	Вестник казахской академии транспорта и коммуникаций им. М. Тынышпаева, №2 (109), 2019. 201-209 с. ISSN 1609-1817	9	Е.С. Мауленов
4	Разработка системы индивидуализации траектории обучающихся с применением новой модели учебного процесса (Статья)	Printed	Вестник казахской академии транспорта и коммуникаций им. М. Тынышпаева, №3 (114), 2020. – 321-327 с. ISSN 1609-1817	7	Е.С. Мауленов, Ж.М. Бекаулова
5	Концептуальная модель адаптивной образовательной онлайн системы на основе SMART-технологий (Статья)	Printed	Вестник КазНУТУ имени К.И. Сатпаева. №5 (141), 2020. – 388-395 с. ISSN 1680-9211	8	Е.С. Мауленов, Н. Guruler, Г.У. Маматова, Ж.М. Бекаулова,

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6	Analysis of unified database of university graduates for effective improvement of employment (Article)	Printed	Вестник АУЭС. 2017. – №3 (38). – С.43-49. ISSN 2790-0886	7	A. Sergazin, S. Kabdrgalinova
7	Research and development of a new data encryption method in satellite systems (Article)	Printed	Вестник АУЭС. 2015. – №4 (31). – С.52-55. ISSN 2790-0886	4	Chalykin D.
8	Mathematical model of measuring the level of doubt user in the system computer testing for diagnostic knowledge (Article)	Printed	Вестник АУЭС. 2012. – №1. – С.52-55. ISSN 2790-0886	4	
9	The development of benefits and requirements model Based on the project outcome for the effective it project management methodology (Article)	Printed	Вестник КБТУ, Т.16, В.3(50), КБТУ. 2019. – С. 277-281. ISSN 1998-6688	5	-
10	Artificial Intelligence as a Tool to Prevent Autoaggressive Destructive Behavior Among Children and Adolescents: a Brief Overview (Article)	electronic	Journal of Clinical Medicine of Kazakhstan, 2024; 21(6): 24–29 https://doi.org/10.23950/jcmk/15716	6	K. Saduakassova, M. Zhanuzakov, G. Kassenova
11	Review Of Statistical Data on the Situation with Suicides Among the Child Population of the Republic Of Kazakhstan in a Comparative Aspect (Article)	electronic	Актуальные проблемы теоретической и клинической медицины. 2025. – С.57-73. DOI: 10.24412/2790-1289-2025-1-57-73	17	K. Z. Saduakassova, G. T. Kassenova, M. Zhanuzakov, O. K. Bekmurat,

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						O. S. Alexandrova, S. A. Tsoy, M. A. Pyak, O. V. Tyumentseva, A. T. Suleimenova
Patents						
12	Система наведения пакета направляющих боевой машины реактивной системы залпового огня	electronic	Патент 2024/0857.1 от 16.10.2024			Карыпов А.А., Богословский В.В., Джусупбеков Т.Х., Мукишов А.А., Олейник А.П., Брякин И.В.
Articles published in other scientific journals and publications						
13	Multi-criteria decision-making model for selecting suppliers' offers (Article)	electronic	German International Journal of Modern Science №75, German, 2024, P. 57-59	5		D. Mukhanbetkaliyev
14	Multicriteria Model of Students' Knowledge Diagnostics Based on the Doubt Measuring Level Method for E&M Learning (Article)	electronic	Mobile information systems, Hindawi, London, 2019. DOI: 10.1155/2019/4260196	9		Duisebekova K.S., Smaiyl A.M., Alimzhanova L.M., Zakirova G.D., Moldagulova A.N., Satybaldiyeva R.J., Maulenov Y.S.
15	Mathematical model for the research of systems with massively parallel processing based on big data (Article)	electronic	Journal of Engineering and Applied Sciences. Volume 13, Issue 1, 2018. – pp. 137-149 DOI:10.3923/jeasci.2018.137.149	13		Moldagulova A.N., Duisebekova K.S., Satybaldiyeva R.J.,

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					Bektemyssova G.U., Rakhmetulayeva S.B., Alimzhanova L.M., Orazbekov S.K., Zhuanyshiev I.O., Tursynkulova A.M.
16	Design and development of automation system of business processes in educational activity (Article)	electronic	Journal of Engineering and Applied Sciences 12 (18), 2017, pp.4702-4714. ISSN: 1816-949X	14	Duisebekova K., Kozhamzharova D., Ukubasova G., Kebekpayeva Z., Aigul S., Rakhmetulayeva S., Diana R., Shaikhanova A.
17	Multi-criteria decision-making model based on the level of doubt for information and training system (Article)	electronic	Riga: Computer Modelling & New Technologies, 19(4C), 2015. – P.13-16	4	Syrymbayeva A., Tolbayeva K.
18	Multi-criteria Decision-making Model for Information Learning System : A Critique of the Level of Doubt (Article)	electronic	International Journal of eGovernance and Networks, 3(1). – Korea: Inha University Global eGovernance Research Institute, 2015. – P. 56-65.	10	A. Syrymbayeva, K. Tolbayeva
19	Research of multicriterial decision-making model for educational information systems (Article)	electronic	Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2016, vol. 16, no. 5, pp. 946–951. DOI: 10.17586/2226-1494-2016-16-5-946-951	6	Syrymbayeva A.M.

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International scientific and practical conferences				
	International scientific and practical conferences			
20	Автоматизация и анализ бизнес-процессов документооборота с применением ЭЦП (Статья)	electronic	Proceedings of the 6th International Scientific Conference «World Scientific Reports» (May 9-10, 2024). Paris, France, 2024. – P. 221-223	3
21	Smartphone user authentication model based on individual behavior (Article)	electronic	5 th International Scientific Conference “Research Reviews” (March 1, 2024). Prague, Czech republic, 2024, P. 176-178	3
22	Новый подход в аудио-идентификации: сиамские нейронные сети и одноразовое обучение (Статья)	electronic	Proceedings of the 6th International Scientific Conference «World Scientific Reports» (May 9-10, 2024). Paris, France, 2024. – P. 224-227	5
23	Serbin V., Prediction Of The Outflow Of Mobile Operator Subscribers Based On Machine Learning Methods (Article)	electronic	Proceedings of the 6th International Scientific Conference «Scientific Research and Experimental Development» (April 25- 26, 2024). London, England, 2024. – P. 269-276	8
24	Разработка портала для учета результативности профессорско-преподавательского состава (Статья)	Printed	Вестник КАЗНИТУ. III Международная конференция «Цифровые технологии в науке и индустрии-2017» (DTS&I 2017), КАЗНИТУ, Алматы, 2017. – С. 398-402.	5
25	Анализ единой базы данных выпускников университетов для эффективного повышения трудоустройства (Статья)	Printed	Вестник КАЗНИТУ. III Международная конференция «Цифровые технологии в	6

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				науче и индустрии-2017» (DTS&I 2017), КАЗНИТУ, Алматы, 2017. – С. 449-454.		
26	Исследование нового гибридного алгоритма шифрования (Статья)	Printed		Вестник КАЗНИТУ. III Международная конференция «Цифровые технологии в науке и индустрии-2017» (DTS&I 2017), КАЗНИТУ, Алматы, 2017. – С. 420-425.	6	М.Б. Куанышбекова
27	Integrating machine learning and Smart technologies in education: a synergistic approach for enhanced learning outcomes (Article)	electronic		Международная научно-техническая онлайн конференция «Reviews of Modern Science», Switzerland, 2024. – С.203-210	7	Moldakyn S.
28	Автоматизация и анализ бизнес-процессов документооборота с применением ЭЦП (Статья)	electronic		Proceedings of the 6th International Scientific Conference «World Scientific Reports» (May 9-10, 2024). Paris, France, 2024. – P. 221-223	3	Мадышанов Р.
29	Новый подход в аудио-идентификации: сиамские нейронные сети и одностороннее обучение (Статья)	electronic		Proceedings of the 6th International Scientific Conference «World Scientific Reports» (May 9-10, 2024). Paris, France, 2024. – P.224-227	4	Ерболов Е.
Monographs and Teaching aids						
30	Методология научных исследований в области информационных технологий (Учебное пособие)	Printed		Учебное пособие. Алматы: МУИТ, 2017. – 295 с.	295	-
31	Управление проектами (Учебное пособие)	Printed		МУИТ: Алматы, 2018. – 348 с.	348	Шильдибеков Е.Ж.

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32	Information and Communication Technologies. Информационно-коммуникационные технологии (Учебник)	Printed	Учебник: в 2-х частях. Часть 1. – 1-е изд. – Алматы: МУИТ, 2017. – 586 с.	586	Шыныбеков Д.А., Ускенбаева Р.К., Дузбаев Н.Т., Молдагулова А.Н., Дуйсебекова К.С., Сатыбалдиева Р.Ж., Хасенова Г.И., Урмашев Б.А.
33	Information and Communication Technologies. Информационно-коммуникационные технологии (Учебник)	Printed	Учебник: в 2-х частях. Часть 2. – 1-е изд. – Алматы: МУИТ, 2017. – 622 с.	622	Шыныбеков Д.А., Ускенбаева Р.К., Дузбаев Н.Т., Молдагулова А.Н., Дуйсебекова К.С., Сатыбалдиева Р.Ж., Хасенова Г.И., Урмашев Б.А.
34	Информатика (Учебник)	Printed	Учебник 7-го класса для общеобразовательной школы, Алматы: Атамура, 2017. – 176 с.	176	Мухаметжанова С.Т., Тен А.С., Исабаева Д.Н.
35	Технология, методология создания и разработка информационно-обучающих систем (Монография)	Printed	Монография. Алматы: АИЭС, 2010. - 198 с.	198	-

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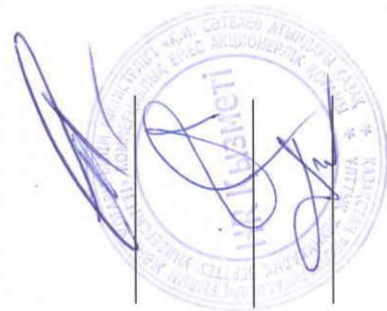
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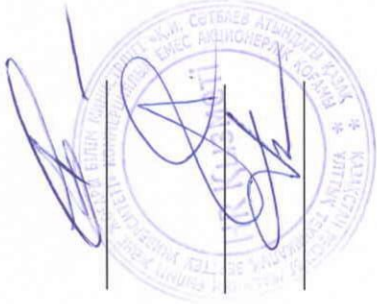
36	Decision Making Models in Adaptive Online Learning with Elements of Artificial Intelligence (Monograph)	Printed	Almaty, 2025. - 201 c.	201	I. Kurmashev
37	Модели принятия решений в адаптивном онлайн обучении с элементами искусственного интеллекта (Монография)	Printed	Алматы: КазНТУ, 2025. - 205 с.	205	-

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