List of publications in international peer-reviewed journals

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Table 1 – 30* scientific articles in publications recommended by the authorized body in accordance with subparagraph 2) of paragraph 5-1.

No.	Publication title	Type of publication (article, review, etc.)	Name of the journal, year of publication (according to databases), DOI	Journal Impact Factor, Quartile, and Field of Science* According to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	Journal CiteScore, percentile and field of study* according to Scopus data for the year of publication	Names of authors (underline the name of an applicant)	Role of the applicant (co-author, first author, or corresponding author)
1.	Ensemble feature selection via CoCoSo method extended to interval-valued intuitionistic fuzzy environment	article	Mathematics and Computers in Simulation, 2025. DOI: 10.1016/j.matcom.2024.09.023	4.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 8.9; CiteScoreTracker 2024 = 9.5; Applied Mathematics, 96%	K. Janani, S. S. Mohanrasu, **A. Kashkynbayev**, R. Rakkiyappan.	co-author
2.	Synchronization of fuzzy reaction-diffusion	article	Journal of Applied Mathematics and Computing, 2025,	2.4 (2023); Q1;	Science Citation	CiteScore (2023) = 4.2;	S. Kathiresan, **A. Kashkynbayev**,	co-author

	neural networks via semi-intermittent hybrid control		DOI: 10.1007/s12190-024-02234-w	Applied Mathematics	Index Expanded	CiteScoreTracker 2024 = 4.4; Applied Mathematics, 79%	S. S. Mohanrasu, R. Rakkiyappan.	
3.	Finite-Time Stability of Impulsive and Switched Hybrid Systems With Delay-Dependent Impulses	article	IEEE/CAA Journal of Automatica Sinica, 2025, DOI: 10.1109/JAS.2024.124758	15.3 (2023); Q1; Automation and Control Systems	Science Citation Index Expanded	CiteScore (2023) = 23.5; CiteScoreTracker 2024 = 28.1; Control and Optimization, 98%	T. Zhang, J. Cao, M. Abdel-Aty, **A. Kashkynbayev**.	co-author
4.	Global practical finite-time synchronization of disturbed inertial neural networks by delayed impulsive control	article	Neural Networks, 2025, DOI: 10.1016/j.neunet.2024.106873	6 (2023); Q1; Computer Science, Artificial Intelligence	Science Citation Index Expanded	CiteScore (2023) = 13.9; CiteScoreTracker 2024 = 10.6; Artificial Intelligence, 90%	Q. Cui, J. Cao, M. Abdel-Aty, **A. Kashkynbayev**.	co-author
5.	Fractional derivative of Hermite fractal splines on the fractional-order delayed neural networks synchronization	article	Communications in Nonlinear Science and Numerical Simulation, 2025, DOI: 10.1016/j.cnsns.2024.108399	3.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 6.8; CiteScoreTracker 2024 = 6.6; Applied Mathematics, 92%	S. S. Mohanrasu, T. M. C. Priyanka, A. Gowrisankar, **A. Kashkynbayev,** K.	co-author

							Udhayakumar, R. Rakkiyappan.	
6.	Finite-time contractive stability for fractional-order nonlinear systems with delayed impulses: Applications to neural networks	article	Neurocomputing, 2024, DOI: 10.1016/j.neucom.2024.128599	5.5 (2023); Q1; Computer Science, Artificial Intelligence	Science Citation Index Expanded	CiteScore (2023) = 13.1; CiteScoreTracker 2024 = 13.5; Computer Science Applications, 93%	P. Gokul, G. Soundararajan, **A. Kashkynbayev,** R. Rakkiyappan.	co-author
7.	Fixed-time synchronization of delayed multiple inertial neural network with reaction-diffusion terms under cyber-physical attacks using distributed control and its application to multi-image encryption	article	Neural Networks, 2024, DOI: 10.1016/j.neunet.2024.106743	6 (2023); Q1; Computer Science, Artificial Intelligence	Science Citation Index Expanded	CiteScore (2023) = 13.6; CiteScoreTracker 2024 = 10.6; Artificial Intelligence, 90%	P. Kowsalya, S. Kathiresan, **A. Kashkynbayev**, R. Rakkiyappan.	co-author
8.	Design of an event-triggered extended dissipative state estimator for	article	European Physical Journal: Special Topics, 2024,	2.6 (2023); Q2; Physics, Multidisciplinary	Science Citation Index Expanded	CiteScore (2023) = 5.6; CiteScoreTracker 2024 = 6.0;	A. Karnan, G. Soundararajan, G. Nagamani,	co-author

	neural networks with multiple time-varying delays		DOI: 10.1140/epjs/s11734-024-01240-0			General Physics and Astronomy, 72%	**A. Kashkynbayev**.	
9.	Finite-time synchronization for fuzzy shunting inhibitory cellular neural networks	article	AIMS Mathematics, 2024, DOI: 10.3934/math.2024623	1.8 (2023); Q1; Mathematics (miscellaneous)	Not Available	CiteScore (2023) = 3.4; CiteScoreTracker 2024 = 3.1; General Mathematics, 87%	Z. Nuriyev, A. Issakhanov, J. Kurths, **A. Kashkynbayev**.	**corresponding author**
10.	Performance evaluation of developed controllers for unmanned aerial vehicles with reference camera	article	Measurement and Control, 2024, DOI: 10.1177/00202940241270863	1.3 (2023); Q2; Applied Mathematics	Science Citation Index Expanded	CiteScore (2019) = 1.0; CiteScoreTracker 2024 = 3.9; Applied Mathematics, 27%	A. Tassanbi, A. A. Khan, **A. Kashkynbayev,** E. Shehab, T. D. Do, M. H. Ali.	co-author
11.	Minkowski distance measure in fuzzy PROMETHEE for ensemble feature selection	article	Mathematics and Computers in Simulation, 2024, DOI: 10.1016/j.matcom.2023.08.027	4.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 8.9; CiteScoreTracker 2024 = 9.5; Applied Mathematics, 96%	K. Janani, S. S. Mohanrasu, **A. Kashkynbayev**, R. Rakkiyappan.	co-author
12.	Finite-time/fixed-time synchronization of memristive	article	Mathematics and Computers in Simulation, 2024, DOI:	4.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 8.9;	M. Otkel, G. Soundararajan, R. Rajan,	**corresponding author**

		shunting inhibitory cellular neural networks via sliding mode control		10.1016/j.matcom.2023.08.024			CiteScoreTracker 2024 = 9.5; Applied Mathematics, 96%	**A. Kashkynbayev**.	
13.	Co-existence of robust output-feedback synchronization and anti-synchronization of delayed discrete-time neural networks with its application	article	Computational and Applied Mathematics, 2024, DOI: 10.1007/s40314-023-02575-5	2.5 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 4.5; CiteScoreTracker 2024 = 4.1; Applied Mathematics, 82%	K. Sri Raja Priyanka, G. Soundararajan, **A. Kashkynbayev,** G. Nagamani.	co-author
14.	Finite-Time Synchronization of Fractional-Order Nonlinear Systems with State-Dependent Delayed Impulse Control	article	International Journal of Bifurcation and Chaos, 2024, DOI: 10.1142/S0218127424500342	1.9 (2023), Q2; Mathematics, Interdisciplinary Applications	Science Citation Index Expanded	CiteScore (2023) = 4.1; CiteScoreTracker 2024 = 3.9; Applied Mathematics, 78%	P. Gokul, S. S. Mohanrasu, **A. Kashkynbayev,** R. Rakkiyappan.	co-author
15.	Fixed-time synchronization of Inertial Cohen-Grossberg Neural Networks with state dependent	article	Chaos Solitons & Fractals, 2024, DOI: 10.1016/j.chaos.2024.114693	5.3 (2023), Q1; Mathematics, Interdisciplinary Applications	Science Citation Index Expanded	CiteScore (2023) = 13.2;	P. Kowsalya, S. S. Mohanrasu, **A. Kashkynbayev,** P. Gokul, R. Rakkiyappan.	co-author

delayed impulse control and its application to multi-image encryption				CiteScoreTracker 2024 = 9.9; Applied Mathematics, 98%		

*If there are scientific articles exceeding the required number in international peer-reviewed scientific journals, **1 (one) article in such a journal is counted as 2 (two) articles in publications recommended by the authorized body**.

Table 2 – 5 scientific articles in accordance with subparagraph 2) of paragraph 5-1 in international peer-reviewed scientific journals that meet the requirements of subparagraph 2) of paragraph 5 of the Rules.

No.	Publication title	Type of publication (article, review, etc.)	Name of the journal, year of publication (according to databases), DOI	Journal Impact Factor, Quartile, and Field of Science* According to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	Journal CiteScore, percentile and field of study* according to Scopus data for the year of publication	Names of authors (underline the name of an applicant)	Role of the applicant (co-author, first author, or corresponding author)
1.	Finite-time contractive stabilization for fractional-order switched systems via event-triggered impulse control	article	Communications in Nonlinear Science and Numerical Simulation, 2025, DOI: 10.1016/j.cnsns.2025.108658	3.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 6.8; CiteScoreTracker 2024 = 6.6; Applied Mathematics, 92%	P. Gokul, **A. Kashkynbayev**, M. R. Prakash, R. Rakkiyappan.	co-author
2.	Quasi-bipartite synchronization for delayed coupled inertial neural networks having cooperative and competitive communication via pinning control strategy	article	IET Control Theory and Applications, 2025, DOI: 10.1049/cth2.12780	2.2 (2023); Q2; Automation and Control Systems	Science Citation Index Expanded	CiteScore (2023) = 5.7; CiteScoreTracker 2024 = 4.1; Control and Optimization, 82%	C. Chenthamarakshan, S. Ganesan, K. Sivakumar, **A. Kashkynbayev**.	**corresponding author**

No.	Title	Type	Journal / DOI	Metrics	Index	CiteScore	Authors	Role
3.	Stabilization of Takagi–Sugeno fuzzy Hidden Markov Jump Systems with memory sampled-data control	article	Mathematics and Computers in Simulation, 2024, DOI: 10.1016/j.matcom.2024.07.015	4.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 8.9; CiteScoreTracker 2024 = 9.5; Applied Mathematics, 96%	R. Rakkiyappan, V. Sharmila, K. Janani, **A. Kashkynbayev**.	**corresponding author**
4.	Modeling tuberculosis transmission dynamics in Kazakhstan using SARIMA and SIR models	article	Scientific Reports, 2024, DOI: 10.1038/s41598-024-76721-2	3.8 (2023); Q1; Multidisciplinary Sciences	Science Citation Index Expanded	CiteScore (2023) = 7.5; CiteScoreTracker 2024 = 6.7; Multidisciplinary, 92%	A. Kalizhanova, S. Yerdessov, Y. Sakko, A. Tursynbayeva, S. Kadyrov, A. Gaipov, **A. Kashkynbayev.**	**corresponding author**
5.	Mathematical modeling of infectious diseases and the impact of vaccination strategies	article	Mathematical Biosciences and Engineering, 2024, DOI: 10.3934/mbe.2024314	Q2; Applied Mathematics	Not Available	CiteScore (2023) = 3.9; CiteScoreTracker 2024 = 4.4; Applied Mathematics, 76%	D. Bolatova, S. Kadyrov, **A. Kashkynbayev.**	**corresponding author**

Table 3 – The remaining 7 scientific articles required according to subparagraph 2) of paragraph 5-1.

No.	Publication title	Type of publication (article, review, etc.)	Name of the journal, year of publication (according to databases), DOI	Journal Impact Factor, Quartile, and Field of Science* According to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	Journal CiteScore, percentile and field of study* according to Scopus data for the year of publication	Names of authors (underline the name of an applicant)	Role of the applicant (co-author, first author, or corresponding author)
1.	Detection and Defense Method Against False Data Injection Attacks for Distributed Load Frequency Control System in Microgrid	article	Journal of Modern Power Systems and Clean Energy, 2024, DOI: 10.35833/MPCE.2023.000400	5.7 (2023); Q1; Engineering, Electrical & Electronic	Science Citation Index Expanded	CiteScore (2023) = 12.3; CiteScoreTracker 2024 = 12.8; Energy Engineering and Power Technology, 91%	Z. Zhang, J. Hu, L. Lu, J. Yu, J. Cao, **A. Kashkynbayev**	co-author

2.	Prescribed-Time Quantified Intermittent Control for Stochastic FCNN and a Novel Cryptosystem	article	IEEE Transactions on Fuzzy Systems, 2024, DOI: 10.1109/TFUZZ.2024.3365816	10.7 (2023); Q1; Computer Science, Artificial Intelligence	Science Citation Index Expanded	CiteScore (2023) = 20.5; CiteScoreTracker 2024 = 19.9; Applied Mathematics, 99%	K. Ayyappan, M. Prakash, **A. Kashkynbayev**, R. Rajan	co-author
3.	Finite-Time Stability of Fractional-Order Discontinuous Nonlinear Systems with State-Dependent Delayed Impulses	article	IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, DOI: 10.1109/TSMC.2023.3326612	8.6 (2023); Q1; Automation and Control Systems	Science Citation Index Expanded	CiteScore (2023) = 18.5; CiteScoreTracker 2024 = 20.5; Computer Science Applications, 97%	G. Palanisamy, **A. Kashkynbayev**, R. Rajan	**corresponding author**
4.	Sampled-data output tracking control based on T-S fuzzy model for cancer-tumor-immune systems	article	Communications in Nonlinear Science and Numerical Simulation, 2024, DOI: 10.1016/j.cnsns.2023.107642	3.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 6.8; CiteScoreTracker 2024 = 6.6; Applied Mathematics, 92%	**A. Kashkynbayev**, R. Rajan	**first author**
5.	Exponential H∞ filtering for complex-valued	article	Communications in Nonlinear Science	3.4 (2023); Q1;	Science Citation	CiteScore (2023) = 6.8;	G. Soundararajan, G. Nagamani, **A. Kashkynbayev,**	co-author

	uncertain discrete-time neural networks with time-varying delays		and Numerical Simulation, 2024, DOI: 10.1016/j.cnsns.2023.107595	Applied Mathematics	Index Expanded	CiteScoreTracker 2024 = 6.6; Applied Mathematics, 92%		
6.	Predicting 1-year mortality of patients with diabetes mellitus in Kazakhstan based on administrative health data using machine learning	article	Scientific Reports, 2023, DOI: 10.1038/s41598-023-35551-4	3.8 (2023); Q1; Multidisciplinary Sciences	Science Citation Index Expanded	CiteScore (2023) = 7.5; Multidisciplinary, 92%	A. Alimbayev, G. Zhakhina, A. Gusmanov, Y. Sakko, S. Yerdessov, I. Arupzhanov, **A. Kashkynbayev**, A. Zollanvari, A. Gaipov	co-author
7.	Saturated and asymmetric saturated control for projective synchronization of inertial neural networks with delays and discontinuous activations through matrix measure method	article	ISA Transactions, 2023, DOI: 10.1016/j.isatra.2023.07.022	6.3 (2023); Q1; Automation and Control Systems	Science Citation Index Expanded	CiteScore (2023) = 11.7; Applied Mathematics 97%	K. Udhayakumar, S. Shanmugasundaram, **A. Kashkynbayev**, R. Rakkiyappan.	**corresponding author**

Table 4 – Remaining** (minimum 7) scientific articles required according to subparagraph 3) of paragraph 5-1.

No.	Publication title	Type of publication (article, review, etc.)	Name of the journal, year of publication (according to databases), DOI	Journal Impact Factor, Quartile, and Field of Science* According to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	Journal CiteScore, percentile and field of study* according to Scopus data for the year of publication	Names of authors (underline the name of an applicant)	Role of the applicant (co-author, first author, or corresponding author)
1.	Event-triggered consensus for delayed second-order leader-following heterogeneous multi-agent systems under input saturated condition	article	Journal of Vibration and Control, 2023, DOI: 10.1177/10775463221126313	2.3 (2023); Q2; Engineering, Mechanical	Science Citation Index Expanded	CiteScore (2023) = 5.2; Mechanical Engineering, 73%	Y. Luo, X. Gao, J. Cao, **A. Kashkynbayev**.	co-author
2.	Further results on fixed/preassigned-time projective lag synchronization control of hybrid inertial neural networks with time delays	article	Journal of the Franklin Institute, 2023, DOI: 10.1016/j.jfranklin.2023.07.040	3.7 (2023); Q1; Mathematics, Interdisciplinary Applications	Science Citation Index Expanded	CiteScore (2023) = 7.3 Applied Mathematics, 93%	G. Zhang, J. Cao, **A. Kashkynbayev.**	co-author

3.	Multi-Agent Bifurcation Consensus-Based Multi-Layer UAVs Formation Keeping Control and Its Visual Simulation	article	IEEE Transactions on Circuits and Systems I: Regular Papers, 2023, DOI: 10.1109/TCSI.2023.3276870	5.2 (2023); Q1; Electrical and Electronic Engineering	Science Citation Index Expanded	CiteScore (2023) = 9.8; Electrical and Electronic Engineering, 87%	Y. Wang, J. Cao, **A. Kashkynbayev.**	co-author
4.	Fisher-KPP equation on the Heisenberg group	article	Mathematische Nachrichten, 2023, DOI: 10.1002/mana.202000421	0.8 (2023); Q2; Mathematics	Science Citation Index Expanded	CiteScore (2022) = 1.5; General Mathematics, 57%	**A. Kashkynbayev,** D. Suragan, B. T. Torebek.	**first author**
5.	Exponential H∞ synchronization and anti-synchronization of delayed discrete-time complex-valued neural networks with uncertainties	article	Mathematics and Computers in Simulation, 2023, DOI: 10.1016/j.matcom.2023.01.002	4.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 8.9; Applied Mathematics, 96%	K. Sri Raja Priyanka, G. Soundararajan, **A. Kashkynbayev,** G. Nagamani.	co-author
6.	Global finite-time stability of delayed quaternion-valued neural networks based on a class of extended Lyapunov–Razumikhin methods	article	Cognitive Neurodynamics, 2023, DOI: 10.1007/s11571-022-09860-9	3.1 (2023); Q2; Neurosciences	Science Citation Index Expanded	CiteScore (2023) = 6.9; Cognitive Neuroscience, 76%	C. Li, J. Cao, **A. Kashkynbayev.**	**corresponding author**

7.	Traveling wave speed and profile of a "go or grow" glioblastoma multiforme model	article	Communications in Nonlinear Science and Numerical Simulation, 2023, DOI: 10.1016/j.cnsns.2022.107008	3.4 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 6.8; Applied Mathematics, 92%	A. Tursynkozha, **A. Kashkynbayev**, B. Shupeyeva, E. M. Rutter, Y. Kuang.	**corresponding author**
8.	Saturated and asymmetric saturated impulsive control synchronization of coupled delayed inertial neural networks with time-varying delays	article	Applied Mathematical Modelling, 2023, DOI: 10.1016/j.apm.2022.09.011	4.4 (2023); Q1; Mathematics, Interdisciplinary Applcations	Science Citation Index Expanded	CiteScore (2023) = 9.8; Applied Mathematics, 97%	K. Udhayakumar, S. Shanmugasundaram, **A. Kashkynbayev,** K. Janani, R. Rakkiyappan.	co-author
9.	Adaptive event-triggered group consensus of multi-agent systems with non-identical nonlinear dynamics	article	Journal of the Franklin Institute, 2023, DOI: 10.1016/j.jfranklin.2022.08.039	3.7 (2023); Q1; Mathematics, Interdisciplinary Applications	Science Citation Index Expanded	CiteScore (2023) = 7.3 Applied Mathematics, 93%	H. Li, M. Zhong, C. Ming, J. Cao, **A. Kashkynbayev.**	co-author
10.	Event-triggered finite-time formation control for second-order leader-following multi-agent systems with	article	International Journal of Control, 2023, DOI: 10.1080/00207179.2022.2106898	1.6 (2023); Q3, Automation and Control Systems	Science Citation Index Expanded	CiteScore (2023) = 5.0; Control and Systems Engineering, 69%	Y. Luo, X. Gao, A. Li, **A. Kashkynbayev.**	co-author

	nonlinear term time delay						
11.	Non-blow-up and blow-up results to heat equations with logarithmic nonlinearity on stratified groups	article	Quaestiones Mathematicae, 2023, DOI: 10.2989/1607360 6.2022.2057368	0.6 (2023); Q3; Mathematics	Science Citation Index Expanded	CiteScore (2023) = 1.7; Mathematics, 61%	**A. Kashkynbayev,** A. Kassymov, D. Suragan.	**first author**
12.	Spectral analysis and its applications for a class of scale-free network based on the weighted m-clique annex operation	article	Mathematical Methods in the Applied Sciences, 2025, DOI: 10.1002/mma.89 62	2.1 (2023); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2023) = 4.9; CiteScoreTra cker 2024 = 4.9; General Mathematics, 93%	Z. Zhang, B. Wu, J. Cao, **A. Kashkynbayev.**	co-author
13.	Adaptive dynamic event-triggered cluster synchronization in an array of coupled neural networks subject to cyber-attacks	article	Neurocomputing, 2022, DOI: 10.1016/j.neucom .2022.09.047	6.0 (2022); Q1; Computer Science, Artificial Intelligence	Science Citation Index Expanded	CiteScore (2022) = 10.8; Computer Science Applications, 92%	H. Li, J. Cao, **A. Kashkynbayev,** S. Cai.	co-author
14.	Bistable Dynamics on a Tick Population Equation Incorporating Allee Effect and Two Different	article	Discrete and Continuous Dynamical Systems - Series S, 2022, DOI: 10.3934/dcdss.20 22122	1.88 (2022); Q2; Applied Mathematics	Science Citation Index Expanded	CiteScore (2022) = 3.7; Applied Mathematics, 75%	C. Huang, X. Guo, J. Cao, **A. Kashkynbayev.**	co-author

	Time-Varying Delays						
15.	Finite-time consensus for second-order leader-following multi-agent systems with external disturbances and internal nonlinear dynamics based on event-triggered pinning strategy	article	International Journal of Robust and Nonlinear Control, 2022, DOI: 10.1002/rnc.6290	4.37 (2022); Q1; Control and System Engineering	Science Citation Index Expanded	CiteScore (2022) = 6.7; Control and System Engineering, 78%	Y. Luo, X. Gao, J. Cao, **A. Kashkynbayev.**	co-author
16.	Blow-Up Results for Viscoelastic Wave Equations with Damping Terms on Stratified Groups	article	Bulletin of the Malaysian Mathematical Sciences Society, 2022, DOI: 10.1007/s40840-022-01308-x	1.2 (2022); Q2; Mathematics	Science Citation Index Expanded	CiteScore (2022) = 2.8; General Mathematics, 82%	A. Kassymov, **A. Kashkynbayev,** D. Suragan.	co-author
17.	Non-blow-up and blow-up results to heat equations with logarithmic nonlinearity on stratified groups	article	Quaestiones Mathematicae, 2022, DOI: 10.2989/16073606.2022.2057368	0.86 (2022); Q3; Mathematics	Science Citation Index Expanded	CiteScore (2022) = 1.9; Mathematics (miscellaneous), 68%	**A. Kashkynbayev,** A. Kassymov, D. Suragan.	**first author**
18.	Finite-time and fixed-time synchronization analysis of	article	Chaos Solitons & Fractals, 2022,	8.65 (2022); Q1; Mathematics, Interdisciplin	Science Citation Index Expanded	CiteScore (2022) = 11.8;	**A. Kashkynbayev,** A. Issakhanov, M. Otkel,	**first and corresponding author**

	shunting inhibitory memristive neural networks with time-varying delays		DOI: 10.1016/j.chaos.2024.114693	ary Applications		Applied Mathematics, 98%	J. Kurths.	
19.	Caccioppoli-type inequalities for Dirac operators	article	Journal of Inequalities and Applications, 2022; DOI: 10.1186/s13660-022-02766-4	1.54 (2022); Q2; Applied Mathematics	Science Citation Index Expanded	CiteScore (2022) = 4.1; Mathematics, Analysis, 91%	**A. Kashkynbayev,** G. Oralsyn.	**first author**
20.	Almost periodic solutions of fuzzy shunting inhibitory CNNs with delays	article	AIMS Mathematics, 2022, DOI: 10.3934/math.2022659	2.29 (2022); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2022) = 3.0; General Mathematics, 85%	**A. Kashkynbayev,** M. Koptileuova, A. Issakhanov, J. Cao.	**first and corresponding author**
21.	Multi-stability analysis of fractional-order quaternion-valued neural networks with time delay	article	AIMS Mathematics, 2022, DOI: 10.3934/math.2022199	2.29 (2022); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2022) = 3.0; General Mathematics, 85%	S. Kathiresan, **A. Kashkynbayev**, K. Janani, R. Rakkiyappan.	co-author
22.	Centralized and decentralized controller design for synchronization of coupled delayed inertial neural networks	article	Neurocomputing, 2022, DOI: 10.1016/j.neucom.2021.10.053	6.0 (2022); Q1; Computer Science, Artificial Intelligence	Science Citation Index Expanded	CiteScore (2022) = 10.8; Computer Science Applications, 92%	S. Shanmugasundaram, **A. Kashkynbayev**, K. Udhayakumar, R. Rakkiyappan.	co-author

	via reduced and non-reduced orders							
23.	Synchronization in Quaternion-Valued Neural Networks with Delay and Stochastic Impulses	article	Neural Processing Letters, 2022, DOI: 10.1007/s11063-021-10653-0	3.51 (2022); Q2; Computer Networks and Communications	Science Citation Index Expanded	CiteScore (2022) = 5.4; Computer Networks and Communications, 69%	C. Li, J. Cao, **A. Kashkynbayev.**	co-author
24.	Periodic solutions and the avoidance of pull-in instability in nonautonomous microelectromechanical systems	article	Mathematical Methods in the Applied Sciences, 2021, DOI: 10.1002/mma.7725	3.02 (2021); Q2; Mathematics, Miscellaneous	Science Citation Index Expanded	CiteScore (2021) = 3.9; General Mathematics, 91%	S. Kadyrov, **A. Kashkynbayev**, P. Skrzypacz, K. Kaloudis, A. Bountis.	co-author
25.	SARS-CoV-2 PCR-positive and PCR-negative cases of pneumonia admitted to the hospital during the peak of COVID-19 pandemic: analysis of in-hospital and post-hospital mortality	article	BMC Infectious Diseases, 2021, DOI: 10.1186/s12879-021-06154-z	3.69 (2021); Q2; Infectious Diseases	Science Citation Index Expanded	CiteScore (2021) = 4.8; Infectious Diseases, 61%	A. Gusmanov, A. Abbay, Y. Sakko, A. Issanov, K. Kadyrzhanuly, Z. Yermakhanova, L. Aliyeva, **A. Kashkynbayev**, I. Moldaliyev, B. Crape,	co-author

							A. Sarria-Santamera.	
26.	Dynamics of fractional-order epidemic models with general nonlinear incidence rate and time-delay	article	Mathematics, 2021, DOI: 10.3390/math9151829	2.59 (2021); Q2; Mathematics	Science Citation Index Expanded	CiteScore (2021) = 2.9; General Mathematics, 86%	**A. Kashkynbayev,** F. A. Rihan.	**first and corresponding author**
27.	Global Lagrange stability analysis of retarded SICNNs	article	Chaos, Solitons and Fractals, 2021, DOI: 10.1016/j.chaos.2021.110819	10.25 (2021); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2021) = 9.9; Applied Mathematics, 97%	**A. Kashkynbayev,** J. Cao, D. Suragan.	**first and corresponding author**
28.	Oscillation criteria for linear difference equations with several variable delays	article	Opuscula Mathematica, 2021, DOI: 10.7494/OPMATH.2021.41.5.613	1.25 (2021); Q2; Mathematics	Science Citation Index Expanded	CiteScore (2021) = 1.8; General Mathematics, 70%	V. Benekas, A. Garab, **A. Kashkynbayev**, I. P. Stavroulakis.	co-author
29.	COVID-19 outbreak in post-soviet states: Modeling the best and worst possible scenarios	article	Electronic Journal of General Medicine, 2020, DOI: 10.29333/ejgm/8346	0.91 (2020); Q4; Medicine (miscellaneous)	Emerging Sources Citation Index	CiteScore (2020) = 2.4; General Medicine, 71%	A. Issanov, Y. Amanbek, A. Abbay, S. Adambekov, M. Aljofan, **A. Kashkynbayev**, A. Gaipov.	co-author

30.	A sharp oscillation criterion for a difference equation with constant delay	article	Advances in Difference Equations, 2020, DOI: 10.1186/s13662-020-03016-x	3.04 (2020); Q2; Analysis, Applied Mathematics	Science Citation Index Expanded	CiteScore (2020) = 4.2; Analysis, 92%	V. Benekas, **A. Kashkynbayev**, I. P. Stavroulakis.	**corresponding author**
31.	Existence of traveling wave solutions to data-driven glioblastoma multiforme growth models with density-dependent diffusion	article	Mathematical Biosciences and Engineering, 2020, DOI: 10.3934/MBE.2020371	2.09 (2020); Q3; Applied Mathematics	Science Citation Index Expanded	CiteScore (2020) = 2.1; Applied Mathematics, 54%	**A. Kashkynbayev**, Y. Amanbek, B. Shupeyeva, Y. Kuang.	**first and corresponding author**
32.	Global dynamics of tick-borne diseases	article	Mathematical Biosciences and Engineering, 2020, DOI: 10.3934/mbe.2020225	2.09 (2020); Q3; Applied Mathematics	Science Citation Index Expanded	CiteScore (2020) = 2.1; Applied Mathematics, 54%	**A. Kashkynbayev**, D. Koptleuova.	**first and corresponding author**
33.	Can fractional differentiation improve stability results and data fitting ability of a prostate cancer model under intermittent androgen suppression therapy?	article	Chaos, Solitons and Fractals, 2020, DOI: 10.1016/j.chaos.2019.109529	5.88 (2020); Q1; Applied Mathematics	Science Citation Index Expanded	CiteScore (2020) = 7.2; Applied Mathematics, 96%	O. Mizrak, C. Mizrak, **A. Kashkynbayev**, Y. Kuang.	co-author

34.	Nonautonomous Bifurcations in Nonlinear Impulsive Systems	article	Chaos, Solitons and Fractals, 2020, DOI: 10.1007/s12591-016-0309-7	1.05 (2020); Q3; Mathematics, Analysis	Emerging Sources Citation Index	CiteScore (2020) = 1.9; Mathematics, Analysis, 59%	M. Akhmet, **A. Kashkynbayev.**	co-author
35.	Bifurcation in Autonomous and Nonautonomous Differential Equations with Discontinuities	book	Nonlinear Physical Science, 2017, DOI: 10.1007/978-981-10-3180-9	Applied Mathematics, Mathematical Physics	Not Available	CiteScore (2023) = 0.2; Mathematical Physics	M. Akhmet, **A. Kashkynbayev.**	co-author
36.	Stability analysis for periodic solutions of fuzzy shunting inhibitory CNNs with delays	article	Advances in Difference Equations, 2019, DOI: 10.1186/s13662-019-2321-z	2.61 (2019); Q2; Mathematics, Analysis	Science Citation Index Expanded	CiteScore (2019) = 3.0; Mathematics, Analysis, 85%	**A. Kashkynbayev,** J. Cao; Z. Damiyev,	**first and corresponding author**
37.	Perturbed Li-Yorke homoclinic chaos	article	Electronic Journal of Qualitative Theory of Differential Equations, 2018, DOI: 10.14232/ejqtde.2018.1.75	0.84 (2018); Q2; Applied Mathematics	Science Citation Index Expanded	CiteScore (2018) = 1.3; Applied Mathematics, 39%	M. Akhmet, M. Fečkan, M.O. Fen, **A. Kashkynbayev**	co-author
38.	Finite-time nonautonomous bifurcation in impulsive systems	article	Electronic Journal of Qualitative Theory of Differential	1.02 (2016); Q2; Applied Mathematics	Science Citation Index Expanded	CiteScore (2019) = 1.3; Applied Mathematics 36%	M. Akhmet, **A. Kashkynbayev.**	**corresponding author**

		Equations, 2016, DOI: 10.14232/ejqtde.2016.8.1					

If there are 7 (seven) scientific articles, in addition to those specified in subparagraph 2) of paragraph 5-1 of the Rules, which are published in international peer-reviewed scientific journals (included in the 1st and 2nd quartiles according to Journal Citation Reports of Clarivate Analytics or having a CiteScore percentile indicator of at least 50 (fifty) in at least one scientific field in the Scopus database) or monographs or chapters in a monograph (the applicant owns at least 3 (three) printed sheets) published by a trusted publisher, **compliance with the requirements of subparagraph 3) of paragraph 5-1 of these Rules is not required."

Candidate   Ardak Kashkynbayev

THE LIST IS CORRECT

Scientific Secretary of NU Research Council   Madina S. Koshtaeva