

PUBLICATIONS

in journals with an impact factor of the Department of Mathematics and Computer Science

	Full name	Article title	Name of the journal (issue. year)	The volume of printed sheets	Full name of the co-authors
1	S. Aldeshov	Cyberbullying-related Hate Speech Detection Using Shallow-to-deep Learning	Computers, Materials & Continua. 12 July 2022	0,3	D.Sultan, A. Toktarova, A. Zhumadillayeva, Sh.Mussiraliyeva, G. Beissenova, A. Tursynbayev, G. Baenova, A. Imanbayeva
2	S. Aldeshov	Applying artificial intelligence to detect depressive disorders in adolescents via social network generated contents	International Journal of Health Sciences. 27 July 2022	1.2	Kaldarova, B., Tursynbayev, A., Zhakypbekova, G., Beissenova, G., Zhaidakbayeva, L., &
3	S. Aldeshov	Modified UNet Model for Brain Stroke Lesion Segmentation on Computed Tomography Images	Computers, Materials & Continua. 22 September 2021	1.0	B. Omarov, A. Tursynova, O. Postolache, Kh. Gamry, A. Batyrbekov, Zh. Azhibekova, M. Nurtas, A. Aliyeva, K. Shiyapov
4	M. Tleubergenova	Stochastic Helmholtz Problem and Convergence in Distribution	Published by Faculty of Sciences and Mathematics, University of Nis, Serbia. 16 January 2022	0.6	G. Vassilinab D. Azhymbaev
5	A.T. Assanova S.S. Zhumatov	On solvability of boundary value problem for a nonlinear Fredholm integro-differential equation	Mathematics series. № 1(105)/2022	0.6	S.T.Mynbayeva, S.G.Karakenova
6	M. Tleubergenov M.Medetbekov	On the solvability of the main inverse problem for a system of the first-order stochastic differential equation with degenerate differential 2023y	Kazakh Mathematical Journal 23:1 (2023)	0,3	G.K.Vassilina,
7	A.T.Assanova	A nonlocal problem with multipoint conditions for partial differential	Published by Faculty of Sciences and Mathematics,	0,5	A. T. Assanova A. E. Imanchiyev

		equations of higher order.,	University of Nis, 8 July 2023, 38(1),		
8	A.T.Assanova R.A. Medetbekova	Problem for differential-algebraic equations with a significant loads Bulletin of the	Karaganda University. Mathematics Series., 2024, 113(1),	0,8	Zh.M.Kadirbayeva S.T.Mynbayeva
9	N.S.Tagayev	Some features of assessment of effective scope of tension intensity coefficient for cracks in the corrosion environment.	An article in the journal Izvestia of the National Academy of Sciences of the Republic of Kazakhstan. Gelogia and Technical sciences series. March-April 2024	0.3	N.S.Saidullayeva S.Kh. Yakubov K.Sh. Abdiramanova
10	A. Kurmantayev	Research on the Structural-Phase and Phiyical-Mechanicail Characteristics of the Cr ₃ C ₂ -NiCr Composite Coating Deposited by the HVOF Method on E110 Zirconium Aloe	Coatinge. Basel, Switzerland August 2024y.	0.7	Sh. Kurbanbekov, B. Rakhadilov, D. Kakimzhanov, B. Seitov, K. Katpaeva, M. Dautbekov, A. Kengesbekov
11	A. T. Assanova,	Solving multi-point problem for VolterraFredholm integro-differential equations using Dzhumabaev parameterization method	Open Mathematics 27 May 2024,	0.6	E.A. Bakirova, Zh.M.Kadirbayeva*
12	A. Baizhumanov ,	Synthesis of Optimal Correction Functions in the Class of Disjunctive Normal Forms.	Mathematics, Mechanics, 5 july 2024,	1.0	A.Kabulov, I.Saymanov
13	A. Baizhumanov ,	Изъюнктивті нормалды формалар класындағы k-мәнді логикалық функцияларды минимизациялау туралы	KazNU Bulletin. Mathematics, Mechanics, Computer Science Series., 2024,	0.5	A. Kabulov , M. Berdimurodov
14	Z. Kobeyeva	Modeling of sedimentation of suspensions in vessels and flow devices	Chemical Technologies		B.T. Tazhibayeva, L.M. Musabekova, A.M. Brener, V.G. Golubev, L.M. Ulyev,
15	A. Kurmantayev	High-Entropy Alloys: Innovative Materials with Unique Properties for Hydrogen Storage and Technologies for Their Production,	Metals, 21.01.2025y.	1,5	Y. Kozhakhmetov, M. Skakov, Sh.Kurbanbekov, G. Uazyrkhanova, A.Kizatov N. Mussakhan

16	A.T. Assanova, Z.S. Kobeyeva, R.A. Medetbekova	Boundary value problem for hyperbolic integro-differential equations of mixed type.	Eurasian mathematical journal 22.08.2025y	0,9	A.T. Assanova, Z.S. Kobeyeva, R.A. Medetbekova
17	S.Aldeshov	Real-Time Sign Language Fingerspelling Recognition System Using 2D Deep CNN with Two-Stream Feature Extraction Approach	International Journal of Advanced Computer Science and Applications, Vol. 15, No. 9, 2024	0,6	A. Zhidebayeva , G.Nurmukhanbetova, K. Zhamalova, S.Mamikov , N.Torebay
18	Z.S. Kobeyeva	Model of boundary deposition curves for polydisperse suspension sedimentation in flow-through systems.	A publication of AIDIC. The Italian Association of Chemical Engineering	0.3	B. Tazhibayeva A. Brener, L. Musabekova V.Golubev
19	M.A. Bimenov Z.A. Bimenova K.I. Tadzhibkhanova SH.E. Seithanova	Mathematical basis of textile product digital production using artificial intelligence methods	No. 3 (417) Textile Industry Technology 2025	0,6	M.M. Turganbekova
20	M.Zh.Zhantureeva	Advantages of using artificial intelligence in the light industry of kazakhstan	No. 6 (414) Textile Industry Technology 2024	0,3	A.O. Tokhayeva , R.A. Sarkulakova, B.R. Kolboev , G.U. Madalieva
21	S. S. Zhumatov Z. S. Kobeeva	Construction of a set of differential equations systems and stability in the vicinity of a software manifold.	Al-Farabi Kazakh National University JMMCS №3 (123). 19.09.2024	0.5	Zh. M. Kadyrbaeva
22	M.M.Medetbekov Sh.K.Utebayeva	Safeguarding Knowledge: Comprehensive Analysis and Prevention of Information Security Threats in Educational Institutions	Proceedings of the University No. 1 (98) • 2025	0,5	G.shaimerdenova E.Mussirepova A.ZHhidebayeva