

Individual collections of works published by the institute (for example, conference proceedings) in 2022

	Name	Publisher, year of publication	m Volume in p.l.
1	Yakunin K., Mukhamediev R.I., Elis M., Kuchin Y., Symagulov A., Yunicheva N., Mukhamedieva E. Analysis of thematic clusters of media publications of the Republic of Kazakhstan on the topic of the COVID-19 pandemic //	News of the NAS RK. Series of physical and mathematical sciences. – 2022. – No. 3(343). – pp. 260–274.	

Published scientific articles in 2022

Place of publication of the magazine
Mukhamediev R.I., Kuchin, Y. et al. Estimation of Filtration Properties of Host Rocks in Sandstone-type Uranium Deposits Using Machine Learning Methods //IEEE Access. – 2022. – T.10. – C.18855 -18872. DOI 10.1109/ACCESS.2022.3149625; https://ieeexplore.ieee.org/abstract/document/9706226
Mukhamediev , R.I., Popova , Y., Kuchin , Y., Zaitseva , E., Kalimoldayev , A., Levashenko V., Symagulov , A., Abdoldina F. , Gopejenko V., Yakunin K., Muhamedijeva E., Yelis , M. Review of Artificial Intelligence and Machine Learning Technologies: Classification, Restrictions, Opportunities and Challenges //Mathematics. – 2022. – T. 10. – No. 15. – S. 2552. https://doi.org/10.3390/math10152552
Yakunin , K.; Mukhamediev , RI; Yelis , M.; Kuchin , Y.; Symagulov , A.; Levashenko , V.; Zaitseva , E.; Aubakirov , M.; Yunicheva , N.; Muhamedijeva , E.; Gopejenko , V.; Popova , Y. Analysis of the Correlation between Mass-Media Publication Activity and COVID-19 Epidemiological Situation in Early 2022 //Information. – 2022. – T. 13. – No. 9. – S. 434. https://doi.org/10.3390/info13090434
Ayapbergenova A., Yerimbetova A. PROJECT MANAGEMENT TECHNOLOGY IN CREATING A BUSINESS PROCESS MANAGEMENT INFORMATION SYSTEM AT THE PRESENT STAGE OF DEVELOPMENT OF THE TELECOMMUNICATIONS SECTOR OF KAZAKHSTAN. Eastern-European Journal of Enterprise Technologies. 2022, 5, 3-119, - P. 17 – 28. DOI: 10.15587/1729-4061.2022.261091 [Scopus Procentile - 47]
Daiyrbayeva E., Yerimbetova A., Nechta I., Merzlyakova E., Toigozhinova A., Turganbayev A. A Study of the Information Embedding Method into Raster Image Based on Interpolation. Journal of Imaging. – 2022, 8, 288. https://doi.org/10.3390/jimaging8100288 [WoS - Q3, Scopus Procentile - 70]
Sambetbayeva M., Kuspanova I., Yerimbetova A., Serikbayeva S., Bauyrzganova Sh. Development of intelligent electronic document management system model based on machine learning methods. Eastern-European Journal of Enterprise Technologies. - 2022. Vol.1 (2-115). –P. 68-76. [Scopus Percentile - 47]

Batyrkhanov AG, Sadirmekova ZB, Sambetbayeva MA, Nurgulzhanova AN, Ismagulova ZS, Yerimbetova AS Development of methods and technologies for creating intelligent scientific and educational internet resources. Bulletin of Electrical Engineering and Informatics. – 2022. – 11 (5). – P. 2968 – 2977 [Scopus Procentile - 64]	
Vasylyshyn , S., Lakhno , V., Alibiyeva , N., Pleskach , V., Lakhno , M., Alibiyeva , Zh.Information technologies for the synthesis of rule databases of an intelligent lighting control system, Journal of Theoretical and Applied Information Technologythis link is disabled, 2022, 100(5), p. 1340–1353	
Tanirbergen , Zh.M. Alibieva , Reformation Walsh-Hadamard in the processing and compression of hyperspectral images, Student Bulletin: electron. scientific magazine 2022. No. 4 (196), part 6. URL: https://www.internauka.org/archive2/vestnik/4(196_6).pdf	
Y. Sarin , G. Shangtybayeva , M. Zhekambayeva , HARDWARE PLATFORM OF ARDUINO, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE “SATPAEV READINGS – 2022. TRENDS OF MODERN SCIENTIFIC RESEARCH” April 12, 2022 Volume II, 577 pages , 2.	
A.Astanayeva , A.Kozbakova , M.Zhekambayeva , OVERVIEW AND ANALYSIS OF MODERN GIS IMAGE PROCESSING TECHNOLOGIES, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE “SATPAEV READINGS – 2022. TRENDS OF MODERN SCIENTIFIC RESEARCH” April 12, 2022 Volume II, 646 pp.	
N.A. Mambetov , N.K. Mukazhanov / Research and development of a geographic information service (system) to provide information assistance to farmers. / Proceedings of the International Scientific and Practical Conference “SATPAEV READINGS - 2022. TRENDS OF MODERN SCIENTIFIC RESEARCH”	
Ayapbergenova A.T. Management of business processes in the field of information technology in the field of telecommunications using the example of Mobile Telecom Service LLP (article). Materials of the II international scientific conference “Innovative technologies, economics and management in industry:” February 25, 2022, Olgograd , p . 177-184 ISBN 978-5-6047804-9-7 (RSCI)	
Tsekhova A.F. Technology, methods and tools of project management when creating an information system. Materials of the XLVIII International Scientific and Practical Conference “Russian Science in the Modern World” August 31, 2022, Moscow, With. 20-25 ISBN 978-5-6048589-4-3 (RSCI)	
Kasenhana A . M. , Uskenbaeva R . K. , Nuralykyzy S. , Dzhususova WITH . M. Ulgini tanuda Koldanylatin Adisterdi karastyru . Proceedings of the International Scientific Conference on Mathematical Logic and Computer Science, Eurasian National University, Astana, 2022, October. pp. 301-304, ISBN 978-601-337-776-6	
Baimuratov O., Olzhabayeva A., Tursunmamatov B., “ANALYSIS OF OPTIMAL RECOGNITION METHODS AND IDENTIFICATION OF VEHICLE NUMBERS” MATERIALS international scientific - practical conferences “DIGITAL TRANSFORMATION IN THE EDUCATIONAL PROCESS AND APPLIED SOFTWARE”, Kyzylorda University named after Korkyt Ata , Kyzylorda , 2022, pp. 246-252	
Daiyrbayeva E., Yerimbetova A., Nechta I., Merzlyakova E, Toigozhinova A., Turganbayev A. A Study of the Information Embedding Method into Raster Image Based on Interpolation. //J. Imaging. – 2022. –No. 8(288).	
Dayyrbayeva E.N. Using RS analysis in steganography // MNSK-2022 Information technologies Proceedings of the 60th International Scientific	

Student Conference. – Novosibirsk, 2022. – P.9
Makambetova R. INTERNATIONAL JOURNAL OF INFORMATION AND COMMUNICATION TECHNOLOGIES. "BIG DATA ANALYSIS TECHNOLOGIES IN MARKETING" III International Student Scientific and Practical Conference "International Digital Forum YDF -2022", Special issue, May 2022, 188-196, ISSN2708-2040

Published reports and abstracts in conference proceedings in 2022

Conference location	Number of reports	Total number of pages	Total volume in p.l.

List of scientific articles by department employees for 2022, published in international publications with impact factor (IF >0, IF >0.25)

FULL NAME.	Position, academic degree	Title of the article and publication, year of publication, pages , volume of pages.	Poland Priority scientific direction, priority industrial sector (for applied and contractual work), type of project	Impact factor (IF >0, IF >0.25) belonging to Scopus , TomsonReuters databases and etc .
1. Mukhamediev , R. I . ; Popova , Y . ; Kuchin , Y . ; Zaitseva , E . ; Kalimoldayev , A . ; Symagulov , A . ; Levashenko , V . ; Abdoldina , F . ; Gopejenko , V . ; Yakunin , K . ; et al . Mathematics , 2022, DOI 10.3390/ math 10152552		Review of Artificial Intelligence and Machine Learning Technologies: Classification, Restrictions, Opportunities and Challenges		Q 1

List of scientific articles by department employees for 2022, published in republican publications with an impact factor (IF >0, IF >0.25), including in publications recommended by the KKSON MES RK

FULL NAME.	Position, academic degree	Name of the report and publication, year of publication, pages , page volume , including in publications recommended by the Committee for Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan pages , p.l.	Poland Priority scientific direction, priority industrial sector (for applied and contractual work), type of project	Impact factor (IF >0, IF >0.25) belonging to the Scopus , TomsonReuters , etc. databases .
Mukhitova A.A.,		Relation zhene uak yt ka		

Erimbetova A.S., Barakhnin V.B., Dayyrbaeva E.N., Adalbek A.		taueldi xml - directory koryndaga xml - directory Ondeudin zamanawi Adisteri . Izvestiya NAS RK Series Informatics. No. 2 – 2022. Page. 92-111. ISSN 2518-1726 (Online), ISSN 1991-346X (Print). https://doi.org/10.32014/2022.2518-1726.132		
D.T. Kasymova , A.A. Tashev , A.T. Akhmediyarova , Z.M. Omirbekova , L.S. Kuntunova .		An approach to identifying and eliminating inconsistencies in big data databases for urban passenger transport analytics tasks. KazATK Bulletin No. 2 (121), 2022, p.600-611		
R.M. Ospanov , E.N. Seitkulov , B.B. Ergalieva , A.T. Akhmediyarova , G.K. Balbaev .		On the security analysis of a cryptographic hash function built on a modified Sponge scheme . Vestnik KazATK , No. 3 (122), 2022, p. 360-375		
OK. Tasmagambetov , E.N. Seitkulov , A.T.Akhmediyarova , D.Zh. Satybalдина , B.B. Ergalieva .		Analytical review and modeling of a cryptographic system for backup storage of confidential data in secure servers. Vestnik KazATK , No. 3 (122), 2022, p. 410-418		
N. Smailov , S. Koshkinbaev , A. Abdykadyrov , M. Zhekambaeva , A. Kabdoldina , M. Baygulbaeva , A.		TOLEMANOV. TECHNOLOGYAL PROCESSES BAKYLAUGA ARNALANGAN KOPFUNCTIONALDS TALSHYKTY-OPTIKALYK SENSOR. Radio electronics Baylanys Askeri-engineerlik institutesnow Gylymi Enbekteri , No. 4 (50), (zheltoksan) 2022		
Tsekhovoy A.F., Smailov N.K., Turumbetov M.B.		Creation of an information system to support management decision-making based on the standards of the Project Management Institute. Scientific works of VIIREiS . No. 4(50).2022 pp.143-149.		
Mukhitova A.A., Erimbetova A.S. , Dayyrbaeva E.N., Adalbek A.		Relation zhene uak yt ka taueldi xml- derekter XML - derivers Ondeudin zamanawi Adisteri . News of the NAS RK. Series of Informatics, (2), Almaty, 2022.–pp.99–111. ttps :// doi . org /10.32014/2022.2518-1726.132		
Dayyrbaeva E.N.,		Arkyla interpolation sureterde		

	Erimbetova A.S., Toygozhinova A.Zh., Turganbaev A.Zh., Nurlanbek A.D.		akparattardy zhasyru Zholdaryna Taldau . KazATK Bulletin No. 3 (122) 2022. – P.376-383, RK , Almaty . https :// doi . org /10.52167/1609- 1817-2022-122-3-376-383		