

**List of scientific publications in international peer-reviewed journals
indexed in Scopus and Web of Science
Zhanar Zhumakhankyzy Omirbekova**

Author Identifiers:

Scopus Author ID: 56780323500

Web of Science Researcher ID: HGC-1213-2022

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№	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 (<u>underline the name of the applicant</u>)	Role of the candidate
1	2	3	4	5	6	7	8	9
1	Sustainability-Driven Green Innovation: Revolutionising Aerospace Decision-Making with an Intelligent Decision Support System	Article	Sustainability (Switzerland), T. 16, B. 1, January 2024 Номер статьи 41 DOI: 10.3390/su16010041	IF 3.3 Green & Sustainable Science & Technology Q3	SCIE, SSCI	CiteScore 7.7 Environmental Science (miscellaneous) – 86% процентиль	Mutanov G., <u>Omirbekova Zh.</u> , Shaikh A. A., Issayeva Zh.	Coauthor
2	A Predictive Model For Oil Well Maintenance: A Case Study In Kazakhstan	Article	SOCAR Proceedings, B. 1, C. 48 – 56, 2024. DOI:	IF 0.5	ESCI	CiteScore 3.2 Applied Mathematics –	D. Aktaukenov M. Alshaalan <u>Zh. Omirbekova</u>	Coauthor

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			10.5510/OGP2024010093 9			68% процентиль	E. Pinsky	
3	Intelligent System for Predicting Freeze-Drying Parameters for Camel Milk Powder Production Using Sensors and Machine Learning	Article	International Journal of Innovative Research and Scientific Studies, T. 8, B. 3, C. 3220 – 3233, 2025 DOI: 10.53894/ijirss.v8i3.7221	-	-	(2024) CiteScore 2.1 Multidisciplinary – 67% процентиль	Rakhmatulina A., Tasmurzaev N., Amangeldy B., <u>Omirebekova Zh.</u> , Kaharov A.	Coauthor
4	Mapping the skies: analyzing aerospace industry trends using event maps	Article	Eurasian Journal of Mathematical and Computer Applications V. 11 I. 4 P. 53–68. 2025 DOI 10.32523/2306–6172-2023-11-4-53–68	IF 0.6, Mathematics, Interdisciplinary Applications – Q4	ESCI	(2024)- CiteScore -1.4 Applied Mathematics – 31% процентиль	Kalimoldayev M., Ziyaden A., Yelenov A., Mutanov G., <u>Omirebekova Z.</u> , Abdykerova G	Coauthor
5	Application of virtual training model for technological processes	Article	Przegląd Elektrotechniczny, T. 93, B. 5, C. 129 – 133, 2017 DOI: 10.15199/48.2017.05.27	-	-	CiteScore – 1.0 Electrical and Electronic Engineering – 19%	Mukhanov, Bakhyt K; Wójcik, Waldemar; <u>Omirebekova, Zhanar</u> Zh; Orakbayev, Y	Coauthor
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	Исследование и построение гидродинамических моделей скважин подземного выщелачивания	Printed	Bulletin of the Almaty Technological University, 2017, No. 4, pp. 10–15			6	Mukhanov B.K. Orakbayev E.Zh Sarbasova R.B. Adilova Sh.K.	

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2	Research and development of optimal process control system of underground leaching	Printed	Bulletin of the National Academy of Sciences of the Republic of Kazakhstan, 2016, No. 5(363), ISSN 1991-3494	7	Mukhanov B.K., Orakbayev E.Zh.
3	Estimation of linear identification of models of dry electrical filter	Printed	Bulletin of the National Academy of Sciences of the Republic of Kazakhstan, Volume 5, Number 363 (2016), pp. 5–13, ISSN 1991-3494	8	Zhussupbekov S., Iskakova A., Wójcik W.
4	Study of In-situ leaching of metals by numerical simulation	Printed	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of Geology and Technical Sciences, 2017, No. 1(421), pp. 205–216	9	<u>Mukhanov B.K.,</u> <u>Wójcik W.,</u> <u>Orakbayev Y.Z.</u>
5	Разработка интеллектуальной системы управления технологическими процессами сухих электрофильтров на основе нейронных сетей	Printed	Multidisciplinary Scientific Journal of Kostanay State University named after A. Baitursynov, “3i: intellect, idea, innovation”, 2016, December, No. 4, pp. 282–288	7	Zhussupbekov S., Iskakova A., Wójcik W.
6	Исследование и анализ физико-химических свойств угля и биомассы	Printed	Bulletin of KazNITU – KazNITU Herald, Issue No. 5 (123), pp. 175–181	6	Iskakova A., Lukmanova Zh.
7	Разработка системы поддержки принятия решений на базе машинного обучения	Printed	Bulletin of KazATC, No. 4 (111), 2019, ISSN 1609-1817, pp. 225–231	6	Savchenko A.S. Kenzhekhanuly S
8	Разработка системы автоматического регулирования температурного режима вакуум-сублимационной сушки на основе идентификации параметров объекта	Printed	Bulletin of L. N. Gumilyov Eurasian National University. Series: Technical Sciences and Technologies, 2024, No. 4 (149), pp. 363–380, ISSN 2616–7263	17	Rakhmatullina A.B. Tolganbayeva M.B.

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					Tasmurzaev N.M.
Patents					
9	Intelligent Control and Air Quality Monitoring System in Clean Rooms	utility model	Utility Model No. 9921 Registered by the RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana, 57A Mangilik El Avenue, 2024	-	Imanbek B.T., Boltaboyeva A.K., Amangeldy B.S., Tasmurzaev N.M., Baigaraeva Zh.E., Mansurova M.E.
10	Automated Control System for Reagent Dosing in Flotation Processes	utility model	Utility Model No. 10174 Registered by the RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana, 57A Mangilik El Avenue, 2024		Amangeldy B.S., Imanbek B.T.
11	Monitoring System for Cardiovascular Parameters	utility model	Utility Model No. 10282 Registered by the RSE "National Institute of Intellectual Property" of the Ministry of Justice of the Republic of Kazakhstan, Astana, 57A Mangilik El Avenue, 2024		Imanbek B.T., Boltaboyeva A.K., Amangeldy B.S., Tasmurzaev N.M., Nurlanov E.E., Kopenov A.B., Ibrasheva Z.S., Mansurova M.E., Baigaraeva Zh.E., Amirkhanova G.A.

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Monographs and Teaching aids					
12	Intelligent Decision Support System for the Aerospace Industry Scientific publication / G.M. Mutanov, A.A. Kazkenov, Zh.Zh. Omirbekova, V.I. Karyukin Monograph – 198 pages	Printed	Akadem kitap, Алматы, 2023.	198 pages	G.M. Mutanov, A.A. Kazkenov, V.I. Karyukin.

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