

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV

List of scientific publications in international peer-reviewed journals  
indexed in Scopus and Web of Science  
Nuruldayeva Gulzhan Zhagalbayevna

Author Identifiers:

Scopus Author ID: 57212018779

Web of Science Researcher ID: AAH-8804-2019

ORCID: [0000-0002-8204-3957](https://orcid.org/0000-0002-8204-3957)

№	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	Occupational hazards in mineral ore: a literature review crushing and grinding: A Literature Review	Article	International Journal of Safety and Security Engineering, 2025, 15(3). C 415-426. <a href="https://doi.org/10.18280/ij-sse.150302">https://doi.org/10.18280/ij-sse.150302</a>	-	-	(2024) CiteScore 2.9, Safety, Risk, Reliability and Quality- 59% процентиль	<u>G. Nuruldaeva</u> A. Isakhanova D. Kumar B. Kumar	The first author and the corresponding author

«06» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV

2	Safety of the bridge span with reinforced concrete beams	Article	Engineering and Applied Science Research, 2025, Vol 52(5), pp 464-472. DOI: 10.14456/easr.2025.41	-	-	(2024) CiteScore 2.5, General Engineering - 53% процентиль	A. Jalairov, D. Kumar, G. Nuruldaeva, Z. Sarsembekova, A. Shalkarov, S. Karasai	Corresponding author
3	Field static and dynamic load testing for operational safety assessment of a reinforced concrete overpass	Article	<u>International Journal of Safety and Security Engineering</u> , 2026, Vol. 16, No. 1, pp. 225-235. <a href="https://doi.org/10.18280/ijss.160119">https://doi.org/10.18280/ijss.160119</a>	-	-	(2024) CiteScore 2.9, Safety, Risk, Reliability and Quality- 59% процентиль	A. Jalairov, D. Kumar, G. Nuruldaeva, A. Isakhanova G. Murzalina B. Kumar	Corresponding author
4	Safety of operation of reinforced concrete culverts based on the results of static tests.	Article	Engineering Letters, 2026 34(1):338-347  <a href="https://www.engineeringletters.com/issues_v34/issue_1/EL_34_1_30.pdf">https://www.engineeringletters.com/issues_v34/issue_1/EL_34_1_30.pdf</a>	(2024) JIF 0.6 Engineering, multidisciplinary-Q3	-	(2024) CiteScore 2.5, General Engineering - 52% процентиль	A. Jalairov, G. Nuruldaeva A. Auanassov A. Isakhanova D. Kumar B. Kumar	Corresponding author
5	Structural behavior of prestressed concrete bridge girder with epoxy joint	Article	Communications - Scientific Letters of the University of Žilina, 2021, 24(2), pp. D59–D71, DOI: <a href="https://doi.org/10.26552/com.C.2022.2.D59-D71">10.26552/com.C.2022.2.D59-D71</a>	-	-	CiteScore 1.6, Civil and Structural Engineering - 31%, процентиль	A. Jalairov; D. Kumar; K.K. Kassymkanova; Z. Sarsembekova; G. Nuruldaeva; G. Jangulova	Co-author
6	Inspection and preparation for testing of the road overpass of the	Article	Communications - Scientific Letters of the	-	-	CiteScore 1.9,	A. Jalairov; D. Kumar;	Co-author

«26» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV

	Almaty- Kapshagai highway after the vehicular impacts		University of Žilina, 2022, 24(4), pp. D160–D173, DOI: <a href="https://doi.org/10.26552/com.C.2022.4.D160-D173">10.26552/com.C.2022.4.D160-D173</a>			Civil and Structural Engineering - 35% процентиль	G. Nuruldaeva; K.K. Kassymkanova; B. Kumar; Y. Zhalgasbekov	
7	Structural behavior of prestressed concrete bridge girder with monolithic joint	Article	Communications - Scientific Letters of the University of Žilina, 2022, 24(4), pp. D150–D159, DOI: <a href="https://doi.org/10.26552/com.C.2022.4.D150-D159">10.26552/com.C.2022.4.D150-D159</a>	-	-	CiteScore 1.9, Civil and Structural Engineering - 35% процентиль	A. Jalairov; D. Kumar; K.K. Kassymbekova; G. Nuruldaeva; A. Imankulova.	Co-author
8	Calculation and testing of a reinforced conical bridge beam   Расчет и испытания усиленной конической мостовой балки	Article	Architecture and Engineering, 2023, 8(2), pp. 33–48, DOI: <a href="https://doi.org/10.23968/2500-0055-2023-8-2-33-48">10.23968/2500-0055-2023-8-2-33-48</a>	-	-	CiteScore 1.8, Building and Construction – 41% процентиль	A. Jalairov; D. Kumar; N. Dosaev; G. Nuruldaeva; K.K. Kassymkanova; G. Murzalina	Co-author
9	Digital twins in ensuring human life safety	Conference materials	Proceedings of the 9th International Conference on Digital Technologies in Education, Science and Industry 2024 Almaty, Kazakhstan, 2024	-	-	CiteScore 0.9 General Computer Science – 10% процентиль	A. Mustafina, G. Nuruldayeva, O. Kolesnikov, Y. Yesenkulov	Co-author

«26» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV

List of scientific works

Nuruldayeva Gulzhan Zhagalbayevna

№ п/п	Name	Nature of the publication	Output data	The num ber of page s.	Co-authors
1	2	3	4	5	6
<b>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</b>					
1	Методы снижения шума на рабочих местах предприятий транспорта	Printed	Industrial transport of Kazakhstan 2020, 4 (69), pp. 71-75. ISSN 1814-5787. <a href="https://prom-trans.kz/assets/files/zhurnal/4-69-2020.pdf">https://prom-trans.kz/assets/files/zhurnal/4-69-2020.pdf</a>	5	Kumar D.B., Dzhaksenbaev E.K., Imankulova A.S.
2	Dissipative Properties of the Highly-Alloyed Aluminum Cast iron ЧЮ22Ш	Printed	Kazakhstan's industry, 2019, №2 (106) pp. 59-62. ISSN 1608-8425. <a href="https://cmrp.kz/images/stories/PK/2019/106/Prom106_1.pdf">https://cmrp.kz/images/stories/PK/2019/106/Prom106_1.pdf</a>	4	Zhumadilova Zh.O., Kumar D.B., Kaldybayeva S.T.
3	Пути снижения пылевыведения на внутрикарьерных автомобильных дорогах	Printed	Industrial transport of Kazakhstan, 2019, №1(62), pp.125-131, ISSN 1814-5787 <a href="https://prom-trans.kz/assets/files/zhurnal/62_1-2019.pdf">https://prom-trans.kz/assets/files/zhurnal/62_1-2019.pdf</a>	7	Zharaspaev M.T., Kumar D.B., Takenova D.A.
4	Акустикалық экрандардың көлік шуын төмендетуін зерттеу	Printed	Bulletin of the Kazakh Academy of Transport and Communications named after M. Tynyshpayev. ISSN 1609-1817. 2014, №3 (88), pp. 22-28.	5	Pirzhanova G.I.

«26» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV

			<a href="https://vestnik.alt.edu.kz/index.php/journal/issue/view/30/30">https://vestnik.alt.edu.kz/index.php/journal/issue/view/30/30</a>		
5	Теоретические основы мониторинга и прогноза состояния природной среды	Printed	Bulletin of the Kazakh National Technical University named after K.I. Satpayev, 4 (98) /2013, pp. 59-62.	4	Zharaspaev M.T., Nurgabylov U.S.
6	Исследование звукоизлучения и звукоизоляции демпфирующих сплавов	Printed	«Bulletin of the Kazakh Head Architectural and Construction Academy» ISSN 1680-080X. 2013, №2 (48), pp. 193-198. <a href="https://rmebrk.kz/magazine/1523#">https://rmebrk.kz/magazine/1523#</a>	5	-
7	Исследование акустических свойств сплавов с повышенными звукоизолирующими и демпфирующими свойствами	Printed	Bulletin of the D. Serikbayev East Kazakhstan State Technical University №4 (62)/2013, pp. 26-30. <a href="https://rmebrk.kz/magazine/1857#">https://rmebrk.kz/magazine/1857#</a>	4	-
8	Определение удельного расхода раствора при увлажнении рудной массы	Printed	"Industry of Kazakhstan" ISSN 1608-8425. 2012, №4 (73), pp.78-80. <a href="https://cmrp.kz/images/stories/PK/2012/73/Prom73_1.pdf">https://cmrp.kz/images/stories/PK/2012/73/Prom73_1.pdf</a>	3	Zharaspaev M.T., Bekturganova G.S.
9	Анализ риска гидродинамической аварий на хвостохранилище Зыряновского ГОК	Printed	Bulletin of the Kazakh Academy of Transport and Communications named after M. Tynyshpayev ISSN 1609-1817. 2011, №2 (69), pp. 105-110.	6	-
10	Исследование диссипативных свойств сложнолегированных сталей	Printed	Bulletin of the National Academy of Sciences of the Republic of Kazakhstan. ISSN 0002-3213. 2010, №5 pp. 57-60.	3	Zhumadilova Zh.O.
11	Демпфирующие сплавы и материалы	Printed	Bulletin of the Kazakh National Technical University named after K.I. Satpayev 2 (72) /2009, pp. 59-63.	5	-
12	Метал кедергілердің акустикалық қасиеттерін зерттеу	Printed	Bulletin of the Kazakh National Technical University named after K.I. Satpayev, 3 (73) /2009, . pp. 66-69.	4	-
<b>Articles published in other scientific journals and publications</b>					

«26» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATBAYEV

13	Снижение техногенного загрязнения предприятия путем озеленения санитарно-защитной зоны	Printed	QazBSQA Хабаршысы. №1 (87), 2023, pp. 260- 269. ISSN 1680-080X (print) 2788-6948 (online). <a href="https://doi.org/10.51488/1680-080X/2023.1-25">https://doi.org/10.51488/1680-080X/2023.1-25</a>	9	Zhanekesheva G.A.
<b>Patents</b>					
14	Noise-proof exterior blinds	Printed	Utility model patent №4108 dated 01.03.2019		Shevtsova V.S., Boshkaeva L.T. Akubaeva D.M.
15	A method for processing dumps of off-balance sheet and hard-to-enrich ores.	Printed	№ 27929 2013. 0241.1 Bulletin No. 12 12/25/2013 Committee on Intellectual Property Rights		Zharaspaev M.T. Begalinov A.B., Nurgabylov U.S., Adepbaev E.A., Myrzagali A.E.
16	The method of mining and metallurgical waste development. Damping composite alloy steel DSZH-5	Printed	№27769 2013/0241.1 Bulletin No. 12 18.12.2013 Committee on Intellectual Property Rights		Zharaspaev M.T., Bekturganova G.S., Zharaspayeva G.Zh., Zhaysanbaev N.A., Nurgabylov U.S.
17	KazNTU V iron-carbon alloy	Printed	An innovative patent №63373 2010.1397.1 Bulletin No. 2 18.12.2013 Committee on Intellectual Property Rights		Suleev D.K., Uteпов E.B., Uteпов T.E.
18	Damping composite alloy steel DSZH-5	Printed	An innovative patent №24711 2010.1397.1 Bulletin No. 10 17.10.2011 Committee on Intellectual Property Rights		Zhumadilova Zh.O., Uteпов E.B., Omirbai R.S.
<b>International scientific and practical conferences</b>					
19	Анализ профессиональных рисков работников предприятий геологоразведки, добычи и переработки урана	Electronic	Proceedings of the international scientific and technical conference "Development of the mining and metallurgical complex of Kazakhstan for the	4	Abiltaeva Zh. Z.

«26» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN  
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATPAYEV

			implementation of the state investment project" - Almaty, KazNTU named after K.I. Satpayev, 2022, pp. 252-255. ISBN 978-601-323-334-5		
20	Мұнай құю, тасымалдау мекемелерінде жұмысшылар қауіпсіздігін арттыру мақсатында еңбек шарттарын сараптау (статья)	Electronic	Proceedings of the Satpayev readings "Trends in modern Scientific Research", 2022. Volume 2, pp. 746-749. ISBN 978-601-323-291-1	4	Isataeva A.K.
21	Мұнай-газ өндіру мекемесінің топырақ жамылғысына әсері түрлерін сараптау және қалпына келтіру іс-шараларын ұсыну. (статья)	Electronic	Proceedings of the Satpayev readings "Trends in modern Scientific Research", 2022. Volume 1, pp. 561-566. ISBN 978-601-323-291-1	5	Aliaskarova A.Zh..
22	Комплексная переработка золошлаковых отходов ТЭС с получением высокотехнологичных продуктов.	Electronic	Proceedings of the 3rd International Scientific and Practical Conference "Scientific Community: Interdisciplinary Research" (March 16-18, 2021). Hamburg: Busse Verlag GmbH, 2021, pp. 440-446	6	Nurmakova S.M., Shakhanova A.R.
23	Механизмы внедрения цифровых технологий в области промышленной безопасности и охраны труда	Electronic	«Materials of the international scientific and practical conference" XVI Toraigyrov readings". - Pavlodar: Toraigyrov University, 2024, Volume 1. pp. 222-227	5	Yesenkulov E. S., Mukatai A. Zh.
<b>Monographs, textbooks</b>					
24	Өнеркәсіптік және экологиялық қауіпсіздік (textbooks)	Printed	KazNRTU, 2023. p 150. ISBN 978-601-323-397-0	150	-
25	Инженерлік акустика (textbooks)	Printed	KazNRTU, 2013г. p 142. ISBN 978-601-228-502-4	142	-

«26» 03 2026 г.

Applicant

Head of the Project Office  
for Sustainable Development Goals – Support  
and Maintenance of Inclusive Education

Chief Scientific Secretary



G. Zh. Nuruldayeva

G.A. Burshukova

K.V. Turmagambetova