

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

List of scientific papers in international peer-reviewed scientific journals
included in the Scopus and Web of Science databases
Isametova Madina

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Scopus Author ID: 57193109156

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№	Title of the publication	Type of publication	Name of the journal, year of publication, DOI	The impact factor of the journal, quartile and field of science according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	CiteScore of the journal, percentile and field of science according to Scopus data for the year of publication	Name of the authors (underline the name of the applicant)	The role of the applicant
1	2	3	4	5	6	7	8	9
1	Investigation of kinematics and power of composite planetary gears for wind turbines	Article	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences 2024, Volume	(2024) JIF 4.7 Series of geology and technical sciences	(2024)	(2024) CiteScore 1.8 Geotechnical Engineering and Engineering	Karaivanov, D. Kerimzhanova, M.F. <u>Isametova, M.E.</u> Seitkazy, N.S. Turymbetova, G.	Co-author

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			5. Number 466 (2024), 47–62 https://doi.org/10.32014/2024.2518-170X.444			Geology 36% процентиль		
2	Determination of Residual Stresses in 3D-Printed Polymer Parts	Article	Polymers 2024, 16(14), 2067; DOI: 10.3390/polym16142067	(2023) JIF 4.7 Polymer science - Q1	(2023) SCIE	(2023) CiteScore 8.0 Polymers and Plastics – 80% процентиль	<u>Issametova M.</u> <u>Martyushev N.V.</u> <u>Abilkaiyr Zh.</u> <u>Sabirova, L.B.</u> <u>Uderbayeva A.</u> <u>Tursynbayeva A.</u> <u>Abilezova, G.</u>	First author
3	Analysis of the Structure of a Sample Developed from a Composite Material on a 3D Printer	Conference paper	Mechanisms and Machine Science, 2024, 167 MMS, стр 280–285 DOI: 10.1007/978-3-031-67569-0_32	-	-	(2023) CiteScore 0.7 Mechanical Engineering – 15% процентиль	<u>Tuleshov Y.</u> <u>Bazarbay B.</u> <u>Isametova M.</u> <u>Tolebayev N.</u> <u>Ualiyev M.</u> <u>Tolkyn Sh.</u>	Co-author
4	Research of Residual Stresses in Polymer Parts Using the Combined Bridge Curvature and Optical Scanning Method	Article	<i>Mechanisms and Machine Science</i> , 2024, 167 MMS, страницы 178–189 DOI 10.1007/978-3-031-67569-0_21	-	-	(2023) CiteScore 0.7 Mechanical Engineering – 15% процентиль	<u>Abilezova G.</u> <u>Isametova M.</u> <u>Tursynbayeva A.</u> <u>Seiitkazy N.</u>	Co-author

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5	<i>Selection of Optimal Planetary Transmission for Light Electric Vehicle Main Gearbox</i>	Article	<i>Journal of Applied and Computational Mechanics</i> , 2024, 10(4), страницы 742–753 https://doi.org/10.22055/jacm.2024.46280.4490	-	-	(2023) CiteScore 6.9 Mechanical Engineering – 82% процентиль	Kalmaganbetov S.A. <u>Isametova M.</u> Troha S. Vrcan Ž. Markovic K. Marinkovic D.	Co-author
6	Mathematical and computer modeling of gantry crane load-beam system oscillation	Article	<i>Sustainable Development of Mountain Territories</i> , 2023, 15(2), с. 450–461 https://doi.org/10.21177/1998-4502-2023-15-2-450-461 https://naukagor.ru/Portals/4/2020/2023/%D0%90%D0%BB%D1%8C%D0%BC%D0%B0%D0%BD%D0%B0%D1%85%20%202023.pdf?ver=2023-08-28-164917-257	-	-	CiteScore 2.4 Mechanical Engineering – 46% процентиль	Yelemessov K.K. <u>Isametova M.E.</u> Saidinbayeva N.D. Kukartsev, V.V.	Author correspondent
7	Mathematical Modeling of the Reliability of Polymer Composite Materials	Article	<i>Mathematics</i> 2022, 10(21), 3978; https://doi.org/10.3390/math10213978	JIF 2.4 Mathematics Q1	SCIE	CiteScore 3.5 Engineering – 69% процентиль	<u>Isametova, M.E.</u> Nussipali, R. Martyushev, N.V. Malozymov B.V.	First author

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8	Thermal Pulse Processing of Blanks of Small-Sized Parts Made of Beryllium Bronze and 29 NK Alloy	Article	<i>Materials</i> 2022, 15(19), 6682; https://doi.org/10.3390/ma15196682	JIF 3.1 Metallurgy and Metallurgical Engineering – Q2	SCIE	CiteScore 5.2 General Materials Science – 64% процентиль	Efremenkov, E.A. Isametov, A. <u>Isametova, M.E.</u> Martyushev, N.V. Karlina, Y.I... Skeeba, V.Y. Absadykov, B.N.	First author
9	Size and efficiency based comparison of kinematically equivalent two-carrier planetary gear trains	Article	<i>Engineering Review</i> , 2022, 42(3) DOI:10.30765/er.1989	JIF 0.7 Engineering , multidisciplinary – Q3	ESCI	CiteScore 0.8 General Engineering – 17% процентиль	Vrcan, Ž. Ivanov, V. Alexandrov, A. <u>Isametova, M.</u>	Co-author
10	Investigation of the effect of thermal post-treatment on density and hardness of a green part printed with fff technology	Article	<i>Journal of Chemical Technology and Metallurgy</i> . Т 57, В 6, Ст 1258 – 1266. 2022 https://journal.uctm.edu/node/j2022-6/22_22-47_JCTM_57_6_pp1258-1266.pdf	-	-	CiteScore 1.4 Industrial and Manufacturing Engineering – 35% процентиль	Bazarbay, B.B. Kurbanova, B.A. Absadykov, B.N. <u>Isametova, M.E.</u> Kawalek, A.M.	Co-author
11	Development of the design and technology of extrusion of metal-polymer mixtures for the production of feedstocks	Article	<i>Eastern-European Journal of Enterprise Technologies</i> , 2022, Том 4, Вып 1 (118), стр 23–33.	=	=	CiteScore 2.1 Control and Systems Engineering –	<u>M. Isametova</u> , B. Absadykov B. Bazarbay G. Smailova	First author

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			DOI: 10.15587/1729-4061.2022.259532			37% процентиль		
12	Analysis of a new filament making mel pressing device	Article	<i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences</i> , V 4, N 454 (2022), P 6-15 DOI:10.32014/2022.2518-170X.196	-	-	CiteScore 1.8 Geotechnical Engineering and Engineering Geology – 40% процентиль	Absadykov, B.N. Bazarbay, B.B. <u>Isametova, M.E.</u> Mashekova, A.S.	Co-author
13	Computational and Experimental Study of the Composite Material for the Centrifugal Pump Impellers Manufacturing	Article	<i>Journal of Applied and Computational Mechanics</i> , 2022, 8(4), сr 2383–4536 https://doi.org/10.22055/jacm.2022.40366.3574	JIF 3.1 Mechanics – Q2	ESCI	CiteScore 6.1 Mechanical Engineering – 80% процентиль	<u>Isametova, M.</u> Nussipali, R. Karaiyanov, D. Abilikhair, Z. Isametov, A.	First author and the author of the correspondence
14	Properties of glass-fiber reinforced polycarbonates for centrifugal pumps impellers	Article	<i>Journal of Chemical Technology and Metallurgy</i> . Т 57, В 2, Ст 224 – 231. 2022 https://journal.uctm.edu/node/j2022-2/2_21-143_No2_224-231.pdf	-	-	CiteScore 1.4 Industrial and Manufacturing Engineering – 35% процентиль	<u>Isametova, M.</u> Dishovsky, N. Velev, P. Duisengali, A.	First author

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15	Development and verification of mechanical characteristics of a composite material made of a thermoplastic matrix and short glass fibers	Article	<i>Eastern-European Journal of Enterprise Technologies</i> , 2021, 5(12-113), сr 30–38 https://doi.org/10.15587/1729-4061.2021.243149	-	-	CiteScore 2.0 Mechanical Engineering – 43% процентиль	<u>Isametova, M.</u> <u>Abilezova, G.</u> <u>Dishovsky, N.</u> <u>Velev, P.</u>	First author and the author of the correspondence
16	Development of a Technique for Computer Simulation of the Stress State of the Drive Drum Shell of a Belt Conveyor to Optimize its Design Parameters	Article	<i>Eastern-European Journal of Enterprise Technologies</i> , 2021, 2, сr 31–39 DOI: 10.15587/1729-4061.2021.229213	-	-	CiteScore 2.0 Mechanical Engineering – 43% процентиль	<u>Jassinbekov, O.</u> <u>Isametova, M.</u> <u>Kaldan, G.</u>	Co-author
17	Computer simulation and investigation vibration parameters of a centrifugal submersible pump	Article	<i>Journal of Vibroengineering</i> , 2020, 22(5), сrр 993–1005 https://doi.org/10.21595/jve.2020.21014	Engineering , mechanical – Q4	ESCI	CiteScore 1.7 Mechanical Engineering – 39% процентиль	<u>Isametova, M.</u> <u>Omarbekov, B.</u> <u>Nussipali, R.</u> <u>Angarbekov, U.</u> <u>Isametov, A.</u>	First author and the author of the correspondence
18	Determination of the rational number of blades of the centrifugal wheel of a submersible pump	Article	<i>Eastern-European Journal of Enterprise Technologies</i> , 2020, 2(7), страницы 49–58 DOI: 10.15587/1729-4061.2020.200998	-	-	CiteScore 2.2 Mechanical Engineering – 49% процентиль	<u>Isametova, M.</u> <u>Karaivanov, D.</u> <u>Nussipali, R.</u>	First author and the author of the correspondence

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19	The selection of optimal reversible two-speed planetary gear trains for machine tool gearboxes	Article	<i>Facta Universitatis, Series: Mechanical Engineering</i> , 2020, 18(1), страницы 121–134 DOI:10.22190/FUME191129013T	JIF 3.324 Engineering, mechanical – Q1	SCIE	CiteScore 4.6 Mechanical Engineering – 77% процентиль	Troha, S. Vrcan Ž., Karaivanov, D. <u>Isametova, M.</u>	Co-author
20	The comparative analysis of computer model operation of tooth gearing with evolvent gearing and Novikov’s gearing	Article	<i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences</i> , 5 (437), pp. 34-45. V 5, N 437 (2019), 34 – 45. https://doi.org/10.32014/2019.2518-170X.123	-	-	CiteScore 0.8 Geotechnical Engineering and Engineering Geology – 26% процентиль	Povetkin, V.V. Bagitova, S.Z. Kerimzhanova M.F. Orlova Ye. P. <u>Isametova M. E.</u> Tatybayev, M.K. Bukayeva, A.Z.	Author correspondent
21	Dynamic modeling of ball mill drive with regard to damping properties of its elements	Article	<i>Mining Informational and Analytical Bulletin</i> , 2018, 2018(5), сr 184–192 DOI:10.25018/0236-1493-2018-5-0-184-192	-	-	CiteScore 0.0 Industrial and Manufacturing Engineering – 9% процентиль	Povetkin, V.V. <u>Isametova, M.E.</u> Isayeva, I.N. Bukayeva, A.Z.	Co-author
22	Centrifugal pump rotor dynamics study	Article	<i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of</i>	-	-	CiteScore 0.1 Geotechnical Engineering and	<u>Isametova, M.E.</u> Absadykov, B.N. Batyrgaliyev, M.K. Borovik, I.I.	First author

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			<i>Geology and Technical Sciences</i> , 2018, 5(431), стр 226–233 DOI: 10.32014/2018.2518-170X.29			Engineering Geology – 10% процентиль		
23	Assessment of dynamic parameters of heavy-duty gears	Conference paper	<i>Vibroengineering Procedia</i> , 2016, 10, стр 46–51 https://www.extrica.com/article/17847/pdf	-	-	-	Isaeva, I. Povetkin, V. <u>Isametova, M...</u> Bukayeva, A. Ibragimova, Z.	Co-author

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1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan					
1	Mathematical and computer modeling of transmission with non-traditional engagement for mining equipment drive	Printed	Bulletin of L.N. Gumilyov Eurasian National University Technical Science and Technology Series, Vol. 148 No. 3 (2024) DOI:	11	N.S. Seiitkazy, N.D. Saidinbayeva, G.S.Abilezova

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			<u>Bazarbay- Absadykov/c05fa40adb14058a8638914c5991973 6bfa14e00</u>		
6	Computer simulation of liquid kinematics in a centrifugal pump and verification of calculation results with experimental data (Статья)	Printed	Горный журнал Казахстана №11 (211) 2022, стр. 47 -54 https://doi.org/10.48498/minmag.2022.211.11.006	8	G.S. Abilezova Kh.A. Akhmedov
7	Исследование влияния конструкции центробежного колеса на напорные характеристики многоступенчатого насоса (Статья)	Printed	Горный журнал Казахстана №9 (209) 2022, стр.28-34, ISSN 2227 – 4766 https://doi.org/10.48498/minmag.2022.209.9.003	5	Г.С. Абилезова Р.К. Карпеков Д.Е. Ткаченко
8	Modification of the Vane Grille of the Impeller of the Centrifugal Pump (Статья)	Printed	Труды университета №4 (89) 2022,стр.34-41 , ISSN 1609 – 1825 http://tu.kstu.kz/archive/issue/95 file:///C:/Users/%D0%90%D1%80%D0%B0%D0%B9/Downloads/05-modification-of-the-vane-grille-of-the-impeller-of-the-centrifugal-pump-63bbe494c25d8461568483.pdf	12	Akhmedov K., Nussipali R., Kerimzhanova M., Dzhasinbekov O.
9	Аддитивті технология арқылы жасалған прототипті қолданып ортадан тепкіш суасты сорғының негізгі доңғалағын оңтайландыру (Статья)	Printed	Вестник КазНТУ, 2020, стр. 418-426 ISSN 1680-9211 https://official.satbayev.university/download/document/14380/%D0%92%D0%95%D0%A1%D0%A2%D0%9D%D0%98%D0%9A-2020%20%E2%84%961.pdf	8	Нусіпәлі Р.К. Ангарбеков У.Д. Дүйсенғали А.М

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10	Автоматизированное проектирование башенного крана (Статья)	Printed	Вестник Казахской академии транспорта и коммуникаций ИМ. М. Тынышпаева. ISSN 1609-1817 2018, Vol. 104, No. 1, pp. 76-82 https://elibrary.ru/item.asp?edn=xpspfr https://vestnik.alt.edu.kz/index.php/journal/issue/view/14/14	6	М.М. Жанұзақов
11	Исследование динамики бурового ротора в интегрированной среде patran (Статья)	Printed	Вестник Казахской академии транспорта и коммуникаций им. М. Тынышпаева. ISSN 1609-1817 2018, Vol. 104, No. 1, pp. 82-89 https://elibrary.ru/item.asp?id=35056620 https://vestnik.alt.edu.kz/index.php/journal/issue/view/14/14	7	М.Д. Ибрайханов О. Ежембеков
12	Қатты денелі модельдеу құралдарымен вагон арбаларының сырғанақты қақпағының нормаланған беріктік көрсеткіштерін зерттеу әдістемесі (Статья)	Printed	Вестник Казахской академии транспорта и коммуникаций им. М. Тынышпаева ISSN 1609-1817 2017, Vol. 100, No. 1, p. 60-65 https://elibrary.ru/item.asp?id=29146015 https://vestnik.alt.edu.kz/index.php/journal/issue/view/18/18	5	Е.Т. Бораш К.Р. Нурмаханова
13	Компьютерное моделирование напряженно-деформированного состояния запорной арматуры для нефтегазовой промышленности (Статья)	Printed	Вестник Казахской академии транспорта и коммуникаций им. М. Тынышпаева 2017, Vol. 100, No. 1, pp. 34-40 https://elibrary.ru/item.asp?id=29146010 https://vestnik.alt.edu.kz/index.php/journal/issue/view/18/18	6	В.В. Ялфимов
14	Штангалы піспекті қондырғының (шпк) түрлендіруші механизмінің, қарсы	Printed	ВЕСТНИК КазНІТУ №1 (119), 2017, стр. 328-332 https://official.satbayev.university/download/docu	4	Н.С. Иманбаева А.Т.Нұрмағанбетова

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	салмақтың орнын анықтай отырып, теңгерілу режимдерін зерттеу (Статья)		ment/7180/%D0%92%D0%95%D0%A1%D0%A2%D0%9D%D0%98%D0%9A-2017%20%E2%84%961.pdf		А.Б. Рахматулина А.М. Сакенова
15	Расчет на устойчивость сквозных башенных конструкций (Статья)	Printed	Вестник Казахской академии транспорта и коммуникаций им. М. Тынышпаева № 1 (100), 2017, 70-76, ISSN: 1609-1817 https://elibrary.ru/item.asp?edn=ynuwcw https://vestnik.alt.edu.kz/index.php/journal/issue/view/18/18	6	Д.А. Әкәлім О.А. Сушкова
16	Системы автоматизированного проектирования для расчета мостов (Статья)	Printed	Вестник Казахской академии транспорта и коммуникаций им. М. Тынышпаева ISSN 1609-1817 2017, Vol. 103, No.4, pp. 13-23 https://elibrary.ru/item.asp?id=32254172 https://vestnik.alt.edu.kz/index.php/journal/issue/view/15/15	10	И.С. Бондарь Б.К. Жасболатов
17	Моделирование жесткости многофункционального продольно-клинового стана с целью повышения (Статья)	Printed	BULLETIN OF NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN ISSN 1991-3494 Volume 2, Number 360 (2016), 5 – 16. https://journals.nauka-nanrk.kz/bulletin-science/issue/view/163/291	11	С.А. Машеков Б.Н. Абсадыков М.Л. Рахматулин Е.З. Нугман А.С. Машекова
18	Расчет энергосиловых параметров холодной прокатки стальных полос на многофункциональном продольно-клиновом стане (Статья)	Printed	BULLETIN OF NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN ISSN 1991-3494 Volume 54, Number 357 (2015), 5 – 18 http://bulletin-science.kz/images/pdf/v20155/v518.pdf	13	С.А. Машеков Е.П. Орлова Б.Н. Абсадыков Г.А. Смаилова Е.З. Нугман М.Л. Рахматулин

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19	Жұдырықшалы механизмді жобалаудағы біріктірілген CAD/CAE/CAM жүйелері (Статья)	Printed	ҚазККА Хабаршысы № 1 (86), 2014. 54-576, https://elibrary.ru/item.asp?id=29330524 https://vestnik.alt.edu.kz/index.php/journal/issue/view/32/32	3	Т.К. Искакова Б.Д. Раимбеков
20	Жүктеудің әртүрлі жағдайында пайда болатын рельстегі жарықтардың түрлері (Статья)	Printed	ҚазККА Хабаршысы № 2 (87), 2014, 12-166, https://elibrary.ru/item.asp?id=29330548 https://vestnik.alt.edu.kz/index.php/journal/issue/view/31/31	4	Т.К. Искакова, К.А. Жаппарова
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