

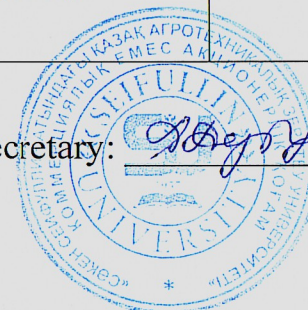
LIST

of publications of the acting professor of the institute of energy of the Kazakh Agrotechnical Research University named after S. Seifullin, candidate of technical sciences Issenov Sultanbek Sansyzbayevich (after approval of the academic title «associate professor (associate professor)»)

№	Name of the publication	Printed or on the rights of the manuscript	Publisher, journal (title, number, year, pages), number of the author's certificate, patent	Number of pages, volume	Full name of the authors
1	2	3	4	5	6
1. Scientific articles in international peer-reviewed scientific journals (included in quartile 1 and 2 according to Clarivate Analytics' Journal Citation Reports or having a CiteScore percentile score of at least 50 (fifty) in the Scopus database in the scientific field corresponding to the applicant's specialty					
1	Combined Wind Turbine Protection System	Printed	Energies 2024, 17(20), 5074; https://doi.org/10.3390/en17205074 . Scopus per. 82/Q1 (2024).	19	Kaverin, V., Nurmaganbetova, G., Em, G., <u>Issenov, S.</u> , Tatkeyeva, G., Maussymbayeva, A.
2	Development of a Digital System for Monitoring Emergency Conditions in 20 kV Distribution Networks	Printed	Energies 2025, 18(4), 998; https://doi.org/10.3390/en18040998 . Scopus per. 84/Q1 (2025).	18	Baltin, A., <u>Issenov, S.</u> , Nurmaganbetova, G., Zhumadirova, A., Yussupova, A., Potapenko, A., Maussymbayeva, A.

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1	2	3	4	5	6
3	Modeling and Analysis of an Induction Traction Electric Drive for Agricultural Electric Vehicles	Printed	Energies 2026, 19(14), 3261; https://doi.org/10.3390/en19143261 . Scopus per. 84/Q1 (2025).	24	Darkenbaeva, E., Shynybay, Z., Issenov, S., Besterekova, A., Chnybayeva, D., Turymbetova, G., Nizamov, J., Nurmaganbetova, G.
4	Development of an Innovative Electrical Circuit Solution for a Specialised Wind Turbine to Provide Energy to Remote Agricultural and Industrial Facilities	Printed	Energies 2026, 19(14), 3300; https://doi.org/10.3390/en19143300 . Scopus per. 84/Q1 (2025).	24	Issenov, S., Steponavicius, D., Bulatbayev, F., Nurmaganbetova, G., Kayumov, D., Nizamov, J.
2. Publications in domestic scientific 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					
5	Application of redundant power lines in the transportation of electric energy	Printed	Publishing house «KEREKU» Pavlodar: PSU named after S. Toraygyrov. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №2, 2017, pp. 34-38. URL: https://vestnik-energy.tou.edu.kz/storage/journals/148.pdf	5	Auelbek M.A., Bainiyazov B.A., Issenov S.S., Iskakov R.M., Akaev A.M.
6	Ways of regulating the load current of a valve converter	Printed	Publishing house «KEREKU» Pavlodar: PSU named after S. Toraygyrov. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №1, 2018, pp. 120-125. URL: https://vestnik-energy.tou.edu.kz/storage/journals/145.pdf	6	Issenov S.S., Mendybaev S.A., Rakhymov A.A.
7	Development of recommendations for thermal energy saving in the library of the production enterprise main building	Printed	Publishing house «KEREKU» Pavlodar: PSU named after S. Toraygyrov. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №1, 2018, pp. 126-133. URL: https://vestnik-energy.tou.edu.kz/storage/journals/145.pdf	8	Issenov S.S., Alimkhanov N.N.

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1	2	3	4	5	6
8	Development of recommendations on energy saving and energy efficiency improvement in the production premises of the enterprise	Printed	Publishing house "KEREKU" Pavlodar: PSU named after S. Toraygyrov. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №1, 2018, pp. 134-142. URL: https://vestnik-energy.tou.edu.kz/storage/journals/145.pdf	9	<u>Issenov S.S.</u> , Toleu A.N.
9	Development of measures to reduce electricity losses by improving the electricity market of Kazakhstan	Printed	Publishing house "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №2, 2019, pp. 53-61. URL: https://vestnik-energy.tou.edu.kz/storage/journals/79.pdf	9	Auelbek M.A., <u>Issenov S.S.</u> , Nurzhan N.N.
10	Development of the basic electrical circuit of a multi-motor electric drive with microprocessor control	Printed	Publishing house "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №2, 2019, pp. 164-169. URL: https://vestnik-energy.tou.edu.kz/storage/journals/79.pdf	6	<u>Issenov S.S.</u> , Issenov Zh.S., Nurzhan N. N.
11	Development of a Petri net-based operation algorithm for a microprocessor -based multi-motor asynchronous electric drive control System	Printed	Publishing house Toraighyrov University Pavlodar: Toraighyrov University. Bulletin of PSU, ISSN: 1811-1858. Energy Series, №2, 2019, pp. 170-178. URL: https://vestnik-energy.tou.edu.kz/storage/journals/79.pdf	9	<u>Issenov S.S.</u> , Issenov Zh.S., Nurzhan N. N.
12	Classification of wind energy conversation systems	Printed	Publishing house "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of Toraighyrov University. ISSN 2710-3420. Energy Series, №3, 2020, pp. 356-365. https://doi.org/10.48081/PNAY2073 .	10	Sheryazov, S.K., <u>Issenov, S.S.</u> , Kaidar A.B.
13	Prerequisites for the introduction of SMART GRID networks with wind power installations in agriculture	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, №4, 2020, pp. 393-406. https://doi.org/10.48081/RRHB2196.14	14	Sheryazov S.K., <u>Issenov S.S.</u> , Kaidar A.B.

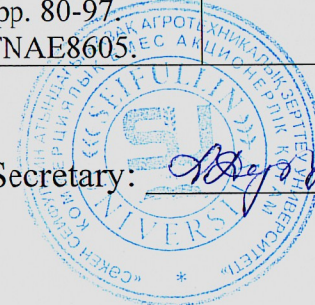
Applicant: S. Issenov Issenov S.S.

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1	2	3	4	5	6
14	Evolution of energy converters for wind turbines	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 1, 2021, pp. 317-329. https://doi.org/10.48081/FXJN4704 .	13	Sheryazov, S.K., <u>Issenov, S.S.</u> , Kaidar, A.B.
15	System analysis of impact-splitting grinding in a hammer mill	Printed	Publishing House "Karaganda Technical University named after Abylkas Saginov", Karaganda. Proceedings of the University No. 3 (84). 2021. pp. 54-60. ISSN 2710-3382 (Online). DOI 10.52209/1609-1825_2021_3_54.	7	Iskakov R. M., <u>Issenov S. S.</u> , Zaichko G. A.
16	Development of impact-toothed hammers based on the analysis of theoretical studies of crack formation	Printed	Publishing House "Karaganda Technical University named after Abylkas Saginov", Karaganda. Proceedings of the University No. 4 (85). 2021. pp. 54-60. ISSN 2710-3382 (Online). DOI 10.52209/1609-1825_2021_4_54.	7	Iskakov R.M., <u>Issenov S.S.</u> , Kubentaeva G.K., Zaichko G.A.
17	Autonomous power supply system with improved energy characteristics	Printed	Publishing house "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 2, 2022, pp. 189-204. https://doi.org/10.48081/VFFE3105 .	14	Kaidar A.B., <u>Issenov S.S.</u> , Sheryazov S.K., Shapkenov B.K.
18	Research of wind turbines in the system of autonomous power supply	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 3, 2022, pp. 80-97. https://doi.org/10.48081/TNAE8605 .	18	<u>Issenov S.S.</u> , Kaidar A.B., Shapkenov B.K., Sheryazov S.K.

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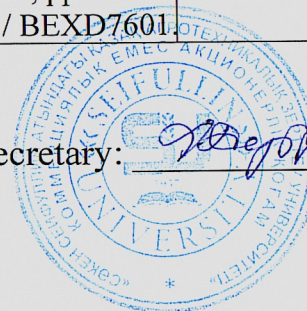
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19	Analysis of mixing equipment taking into account feed mixture segregation and its homogeneity	Printed	Publishing House of Karaganda Technical University named after Abylkas Saginov, Karaganda. Proceedings of the University No. 3 (88). 2022. pp. 53-60. ISSN 2710-3382 (Online). DOI 10.52209 / 1609-1825 2022 3 53.	8	Iskakov R.M., <u>Issenov S.S.</u> , Abilzhanuly T., Kubentayeva G.K., Kasym R.T.
20	Classification and analysis of wind power installations	Printed	Publishing house "Toraighyrov University" Pavlodar: Toraighyrov University. Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 4, 2022, pp. 111-129. https://doi.org/10.48081/XJFT7363 .	18	Kaidar A.B., <u>Issenov S.S.</u> , Iskakov R.M., Shapkenov B.K., Sheryazov S.K.
21	Indirect Thermal Protection of Asynchronous Electric Motor against Exceeding the Maximum Permissible Heating Temperature Value	Printed	Publishing house of "Karaganda Technical University named after Abylkas Saginov", Karaganda. Proceedings of the University No. 1 (90). Section " Automation. Energy industry. ICT". 2023. pp. 399-404. ISSN 2710-3382 (Online). DOI 10.52209 / 1609-1825 2023 1 399.	6	Nurmaganbetova G.S., <u>Issenov S.S.</u> , Kalinin A.V., Issayeva Zh.R.
22	Investigation of the thermophysical properties of animal feed flour and flakes for the drying process	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 1, 2023, pp. 144-164. doi.org/10.48081/PVWI2075.21	21	Iskakov R.M., <u>Issenov S.S.</u> , Mergalimova A.K., Mamyrbaeva I.K., Ybray S.
23	Analysis of the state and development of electricity supply systems based on renewable sources	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 2, 2023, pp. 140-152. https://doi.org/10.48081/BEXD7601	13	<u>Issenov S.S.</u> , Sheryazov S.K.

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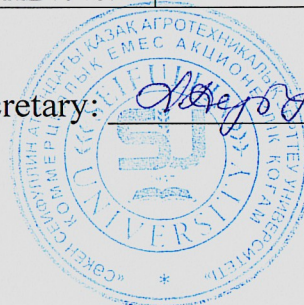
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24	Development of a wind device of special design for remote agricultural objects	Printed	Publishing House of Karaganda Technical University named after Abylkas Saginov, Karaganda. Proceedings of the University No. 3 (92), Section " Automation. Energy industry. ICT". Karaganda, 2023. pp. 489-495. DOI 10.52209 / 1609-1825 2023 3 489.	7	Koshumbaev M.B., Khatsevsky K.V., <u>Issenov S.S.</u> , Nurmaganbetova G.S., Iskakov R.M.
25	Application of the vortex effect to increase the efficiency of wind turbines	Printed	Publishing house "Toraighyrov University" Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, No. 4, 2023, pp. 188-199. https://doi.org/10.48081/JFEI7882 .	12	Koshumbaev M.B., <u>Issenov S.S.</u> , Nurmaganbetova G.S., Iskakov R.M., Auelbek M.A.
26	Future usage prospects wind turbine installations in Kazakhstan	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraygyrov University, Bulletin of Toraygyrov University, ISSN 2710-3420. Energy Series, №1, 2024, pp. 206-220-220. https://doi.org/10.48081/MNHN6637	15	Nurmaganbetova G.S., Kaverin V.V., <u>Issenov S.S.</u> , Tatkeeva G.G., Em G.A.
27	Development and research of a wind turbine with two multidirectional wind wheels	Printed	Publishing House of Karaganda Technical University Abylkas Saginov University", Karaganda. Proceedings of the University No. 3 (96), Section 5: "Automation. Energy industry. ICT". Karaganda, 2024. pp. 367-372. DOI10.52209/1609-1825 2024 3 367.	6	<u>Issenov S.S.</u> , Antipov P.A., Koshumbaev M.B., Auelbek M.A., Nurmaganbetova G.S.
28	Prospects and main directions of energy development in the world and in the Republic of Kazakhstan	Printed	Publishing House "Toraighyrov University" Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, №3, 2024, pp. 211-226. https://doi.org/10.48081/PFKZ4046 .	16	Koshumbaev M.B., <u>Issenov S.S.</u> , Auelbek M.A., Nurmaganbetova G.S. Utaeva D.M.

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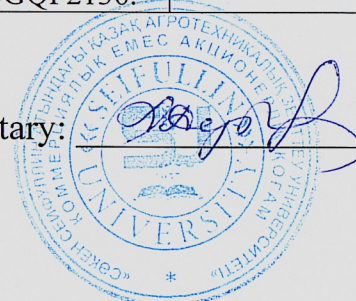
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29	Development of a simulation model of asynchronous generator temperature observer with a short-circuited rotor	Printed	Publishing house «Toraighyrov University» Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, №4, 2024, pp. 282-296. https://doi.org/10.48081/MVCI3135 .	15	Nurmaganbetova G.S., Kaverin V.V., <u>Issenov S.S.</u> , Iskakov U.K., Sarsembieva E.K.
30	Improving the energy efficiency of 20 kv distribution networks using reactive power compensation devices with artificial intelligence control	Printed	Publishing Abylkas Saginov Karaganda Technical University Publishing House, Karaganda. Proceedings of the University №3 (100), Section 3: "Automation. Energy industry. ICT". Karaganda, 2025. pp. 393-399. DOI 10.52209/1609-1825_2025_3_393	7	Baltin A., Berdaliev A., Issenov S., Sheryazov S., Obukhov S.
31	Mathematical and simulation modeling of short-circuit modes in the electromechanical part of a wind turbine	Printed	Publishing house «Toraighyrov University» Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, №3, 2025, c. 279-290. https://doi.org/10.48081/BMFY9640 .	12	Nurmaganbetova G.S., Kaverin V.V., Em G.A., <u>Issenov S.S.</u> , Druzhinin V.M.
32	Energy supply efficiency of small settlements: hybrid wind-solar systems	Printed	Publishing house «Toraighyrov University» Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, №4, 2025, pp. 188-206. https://doi.org/10.48081/ZPQQ4614 .	18	<u>Issenov S.S.</u> , BaibelIssenova K.B., Nurmaganbetova G.S.
33	Counter-rotating rotor and stator generator and faraday generator	Printed	Publishing house «Toraighyrov University» Pavlodar: Toraighyrov University, Bulletin of Toraighyrov University, ISSN 2710-3420. Energy Series, №2, 2026, pp. 177-190. https://doi.org/10.48081/BGQF2136 .	14	Kaidar A.B., <u>Issenov S.S.</u> , Zhumazhanov S.K., Zhakishev B.A., Kislov A.P.

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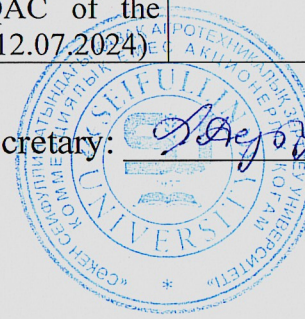
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1	2	3	4	5	6
3. Publications in international organizations peer-reviewed publications included in the Russian Science Citation Index (RSCI) and Scopus databases with a percentile of less than 50 and equated to publications in scientific publications recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan					
34	Main types of wind turbines-generators in the power supply system	Printed	Publishing House FSBEI HE Kazan State Power Engineering University, Kazan, Russia. News of higher educational institutions. PROBLEMY ENERGETIKI [PROBLEMS OF ENERGY], 2021, vol. 23, NO. 5, pp. 24-33. ISSN 2658-5456 (Online). (RSCI) doi:10.30724/1998-9903-2021-23-5-24-33 (equated to a Science and Higher Education Quality Assurance Committee (SHEQAC) article according to the list of publications recommended by the SHEQAC of the Ministry of Science and Higher Education of the Republic of Kazakhstan (MSHERK) from 28.01.2021 to 12.07.2024)	10	Sheryazov S.K., Issenov S.S., Iskakov R.M., Kaidar A.B.
35	Development Of Mathematical Description Of Mechanical Characteristics Of Integrated Multi-Motor Electrical Drive For Drying Plant	Printed	Eastern-European Journal of Enterprise Technologies (2022). Vol.1 (8(115)), 46-54. https://doi.org/10.15587/1729-4061.2021.251232 . Scopus per. 37 (2022), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	9	Issenov, S., Iskakov, R., Tergemes, K., Issenov, Zh.

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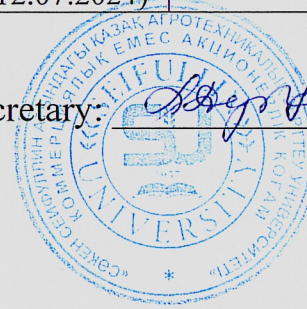
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1	2	3	4	5	6
36	Obtaining a formula describing the interaction of fine particles with an expanding gas flow in a fluid layer	Printed	Eastern-European Journal of Enterprise Technologies (2022). Vol.2 (1(116)), 87-97. https://doi.org/10.15587/1729-4061.2022.255258 . Scopus per. 37 (2022), 47 (2025)10 (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	10	Alpeissov, E., Iskakov, R., <u>Issenov, S.</u> , Ukenova, A.
37	Development of a vortex wind device	Printed	Eastern-European Journal of Enterprise Technologies (2023). Vol.1 (8(121)), 22-29. https://doi.org/10.15587/1729-4061.2023.274199 . Scopus per. 38 (2023), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	8	Koshumbaev, M., <u>Issenov, S.</u> , Iskakov, R., Bulatbayeva, Y.
38	Development of a virtual hardware temperature observer for frequency-controlled asynchronous electric motors	Printed	Eastern-European Journal of Enterprise Technologies (2023). Vol.3 (1(123)), 68-75. https://doi.org/10.15587/1729-4061.2023.280357 . Scopus per. 38 (2023), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	8	Nurmaganbetova G., <u>Issenov, S.</u> , Kaverin V., Issenov Zh.

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1	2	3	4	5	6
39	Impact elements of feed grinder: a review	Printed	EUREKA: Physics and Engineering, 2023, (2), 121-148. https://doi.org/10.21303/2461-4262.2023.002820 . Scopus per. 44 (2023), 44 (2025). (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	27	Iskakov, R., <u>Issenov, S.</u> , Kubentaeva, G.
40	Development of a Layer Leveling Technology that Reduces the Energy Intensity of the Processes of Mixing and Drying the Feeder Mass	Printed	Eastern-European Journal of Enterprise Technologies (2023). Vol.4 (7(124)), 106-115. https://doi.org/10.15587/1729-4061.2023.286325 . Scopus per. 38 (2023), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	10	Abilzhanuly, T., Iskakov, R., <u>Issenov, S.</u> , Kubentaeva, G., Mamyrbayeva, I., Abilzhanov, D., Khaimuldinova, A., Khamitov, N.
41	Development of a wind turbine with two multidirectional wind wheels	Printed	Eastern-European Journal of Enterprise Technologies (2024). Vol.1(8(127)), 47-57. https://doi.org/10.15587/1729-4061.2024.299128 . Scopus per. 47 (2024), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	11	<u>Issenov, S.</u> , Antipov P., Koshumbayev M., Issabekov D.

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42	Regulation of the power of a wind turbine of a special design by changing the length of the blades	Printed	Eastern-European Journal of Enterprise Technologies, (2024). Vol. 4 (8 (130)), 31–41. https://doi.org/10.15587/1729-4061.2024.310514 . Scopus per. 47 (2024), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	11	Antipov P., <u>Issenov, S.</u> , Koshumbayev M., Auelbek, M., Nurmaganbetova, G., Issabekov D.
43	Indirect temperature protection of an asynchronous generator by stator winding resistance measurement with superimposition of high-frequency pulse signals	Printed	Eastern-European Journal of Enterprise Technologies, (2024). Vol. 2(8 (128)), 46-53. doi: https://doi.org/10.15587/1729-4061.2024.302872 . Scopus per. 47 (2024), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	8	Nurmaganbetova, G., <u>Issenov, S.</u> , Kaverin, V., Em, G., Asainov, G., Nurmaganbetova, Z., Bulatbayeva, Y., Kassym, R.
44	Development of mathematical models of power consumption at coal plants	Printed	Eastern-European Journal of Enterprise Technologies, (2024). Vol. 5(8 (131)), 22-32. https://doi.org/10.15587/1729-4061.2024.313932 . Scopus per. 47 (2024), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	11	Telbayeva, S., Nurmaganbetova, G., Avdeyev, L., Kaverin, V., <u>Issenov, S.</u> , Janiszewski, D., Smagulova, K., Nurmagambetova, G.

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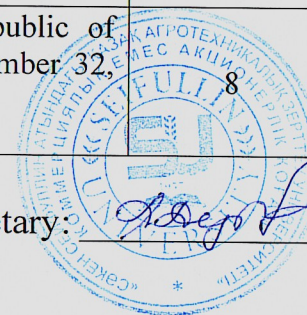
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45	Identifying the dynamic processes of the interphase short-circuit current of a wind turbine generator operating in standalone mode	Printed	Eastern-European Journal of Enterprise Technologies, (2025). 6(8 (138)), 36–44. https://doi.org/10.15587/1729-4061.2025.348861 . Scopus per. 47 (2024), 47 (2025) (is equal to the article of the SHEQAC according to the list of publications recommended by the SHEQAC of the MSHERK from 28.01.2021 to 12.07.2024)	9	Nurmaganbetova, G., Kaverin, V., <u>Issenov, S.</u> , Em, G., Ualiyev, Y., Sarsembiyeva, E., Nurmaganbetova, Z. Issenov, Zh.
4. Patents for inventions issued by the patent offices of the Republic of Kazakhstan, the Russian Federation, the Eurasian Union					
46	Device for drying, grinding and mixing feed flour particles from animal waste	Printed	Patent for an invention of the Republic of Kazakhstan №35954, bulletin number 47, published on 25.11.2022.	5	Iskakov R.M., Kubentaeva G.K., <u>Issenov S.S.</u> , Zaichko G.A., Alpeisov E.A.
47	Hammer for crushing and grinding	Printed	Patent for the invention of the Republic of Kazakhstan №35955, bulletin number 47, published on 25.11.2022.	4	Iskakov R.M., <u>Issenov S.S.</u> , Zaichko G.A.
48	Hammer for grinding	Printed	Patent for the invention of the Republic of Kazakhstan №35956, bulletin number 47, published on 25.11.2022.	3	Iskakov R.M., Kubentaeva G.K., <u>Issenov S.S.</u> , Zaichko G.A.
49	Device for drying, grinding and mixing feed flour particles from animal waste	Printed	Eurasian patent for invention №042280, application №202192629, published on 31.01.2023	4	Iskakov R.M., Kubentaeva G.K., <u>Issenov S.S.</u> , Zaichko G.A., Alpeisov E.A.
50	Wind-solar system of autonomous power supply	Printed	Patent for invention of the Republic of Kazakhstan №36322, bulletin number 32, published on 11.08.2023.	8	Kaidar A.B., <u>Issenov S.S.</u> , Sheryazov S.K., Shapkenov B.K.

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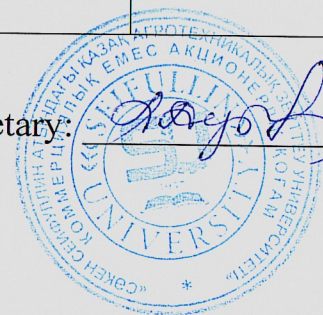
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51	Autonomous power supply system with a controlled moment of starting the wind wheel	Printed	Patent for the invention of the Republic of Kazakhstan №36163, bulletin number 14, published on 07.04.2023	6	Kaidar A.B., Shapkenov B.K. <u>Issenov S.S.</u> , Sheryazov S.K., Antipov P.A., Shishkin A.V.
52	Electric power system on renewable sources energy	Printed	Patent for the invention of the Republic of Kazakhstan №36326, bulletin number 32, published on 11.08.2023	7	<u>Issenov S.S.</u> , Kaidar A.B., Sheryazov S.K., Shapkenov B.K.
53	Device for drying, grinding and mixing feed flour particles	Printed	Patent for the invention of the Republic of Kazakhstan №36486, bulletin number 48, published on 01.12.2023	4	Iskakov R.M., <u>Issenov S.S.</u> , Abilzhanuly T., Kubentayeva G.K.
54	Hammer for grinding	Printed	Eurasian patent for invention №046504, application №202192628, published on 21.03.2024	3	Iskakov R.M., <u>Issenov S.S.</u> , Kubentaeva G.K., Zaichko G.A.
55	Wind generator with variable torque of wind wheel	Printed	Eurasian Patent for Invention No. 047230, application №202391983, published on 21.06.2024. (it is equal to the article of the SHEQAC, since it replaces no more than 20% of articles in publications recommended by the authorized body)	3	<u>Issenov S.S.</u> , Kaidar A.B., Shapkenov B.K. Nurmaganbetova G.S.
56	Wind generator with variable torque of wind wheel	Printed	Patent for invention of the Republic of Kazakhstan №36903, bulletin number 45, published on 08.11.2024	3	<u>Issenov S.S.</u> , Kaidar A.B., Shapkenov B.K. Nurmaganbetova G.S.

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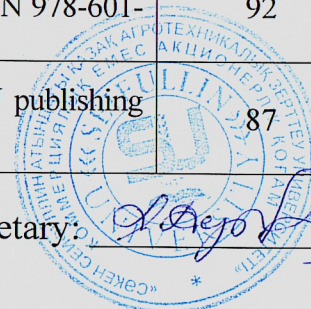
Scientific Secretary: Deripsaldina G.M. Deripsaldina G.M.



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57	Wind power plant	Printed	Patent for the invention of the Republic of Kazakhstan №36963, bulletin number 50, published on 13.12.2024 (it is equal to the article of the SHEQAC, since it replaces no more than 20% of articles in publications recommended by the authorized body)	4	Issenov S.S., Umurzakova A.D., Baltin A.T., Sheryazov S.K., Shelubaev M.V.
58	Device for directional current protection	Printed	Patent for invention of the Russian Federation (RU) №2823568, bulletin number 21, published on 27.07.2024	4	Isabekov D.D., Sholokhova I.I., Issenov S.S., Asainov G.G.
59	Device for indirect protection against overheating of an asynchronous electric motor	Printed	Patent for the invention of the Republic of Kazakhstan №37386, bulletin number 40, published on 03.10.2025 (it is equal to the article of the SHEQAC, since it replaces no more than 20% of articles in publications recommended by the authorized body)	4	Nurmaganbetova, G., Kaverin, V., Issenov, S., Tatkeeva G., Em, G., Nurmaganbetova, Z.
5. Textbooks, educational (teaching-methodical) manuals, monographs					
60	Automated electric drive	Printed	The manual is intended for students in the specialty "Electric Power Engineering". Approved by the Republican educational and methodological Council of the Ministry of education and science of the Republic of Kazakhstan. KATU typography named after S. Seifullin. Astana, 2018. p. 112.	112	Issenov, S., Zhumagulov K.K., Sagitov P.I., Suleimenova G.O.
61	Electronic devices of circuit engineering	Printed	Textbook - S. Seifullin KazATU publishing house. Astana, 2018. – p. 92. ISBN 978-601-7098-97-1	92	Mendybaev S.A., Issenov S.S., Yashkina A.B.
62	Industrial electronics	Printed	Textbook - S. Seifullin KazATU publishing house. Astana, 2018. – p. 87.	87	Mendybaev S.A., Issenov S.S., Suleimenova G.O.

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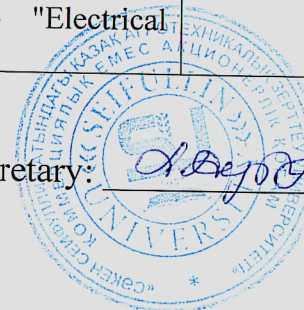
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63	Automated electric drive. Energy saving by means of an automated electric drive (part II)	Printed	Textbook for students majoring in 5B071800 - Electric Power engineering. The textbook is recommended by the Republican Educational and Methodical Council of the Ministry of Education and Science of the Republic of Kazakhstan. Printing house of S.Seifullin KazATU, Astana, 2018. – p. 102.	102	Issenov S.S., Zhumagulov K.K., Sagitov P.I., Suleimenova G.O.
64	Drying with grinding and mixing of colloidal capillary-porous materials	Printed	Monograph: Almaty: ADAL KITAP Publishing House, 2023 – p. 160.	160	Mergalimova A.K., Iskakov R.M., Issenov S.S., Alpeisov E.A., Abilzhanuly T.
65	Power supply system for decentralized consumers in agriculture	Printed	Textbook. - Astana: S.Seifullin KATIU, 2024. – p. 84.	84	Issenov S.S., Antipov P.A., Auelbek M.A., Koshumbaev M.B., Suleimenova G.O., Baltin A.T.
66	Wind-electric installation of a special design with an increased coefficient of wind energy use for power supply to agricultural consumers	Printed	Monograph: Astana: баспа "S.Seifullin KATIU", 2024. - 114 p. ISBN 978-601-257-558-3.	114	Issenov S.S.
67	Elektr o'lchovlari. [Darslik]. Electrical measurements. [Tutorial]. The textbook is recommended by the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan	Printed	Darslik. – “Omadbek Printed number one” MCHJ. Andijon Davlat Texnika Instituti, Andijon: 2026. – 262 b. ISBN 978-9910-284-27-4. The textbook "Electrical measurements" is intended for students of the direction 60710500 - "Electrical Engineering"	262	Nizamov, J.A., Issenov, S.S.

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6. Other scientific journals of the Republic of Kazakhstan, the Russian Federation (publications not included in the List of journals recommended by the Committee)					
68	International IEEE-Siberian Conference on Control and Communication SIBCON-2017	Printed	Automation and Software Engineering. 2017, №3 (21). «Automatics & Software Engineering», ISSN 2312-4997. RSCI. URL: https://cyberleninka.ru/article/n/mezh-dunarodnaya-ieee-sibirskaya-konferentsiya-po-upravleniyu-i-svyazi-sibcon-2017	12	Stukach O.V., Mirmanov A.B., Mogilny S.V., <u>Issenov S.S.</u>
69	Heat pump system of autonomous heat supply for heating low-potential heat carrier	Printed	Izdenister Natigeler, (3(103), (2024). 470-479. https://doi.org/10.37884/3-2024/51	9	Kalkabayeva A., Alibek N., Baibolov A., <u>Issenov S.S.</u> , Steponavichyus D.
7. Proceedings of international and foreign scientific conferences					
70	Development of algorithm flow graph, mealy automaton graph and mathematical models of microprogram control mealy automaton for microprocessor control device	Printed	International Siberian Conference on Control and Communications (SIBCON), 29-30 June 2017. Astana, Kazakhstan. Pages: 1-6, DOI:10.1109/ SIBCON. 2017.7998502. IEEE Conference Publications. Electronic ISSN: 2380-6516. Scopus. https://www.scopus.com/authid/detail.uri?authorId=55565980900	6	Issenov, S.S., Issenov, Zh.S., Nurzhana, N.N., Mendybayev, S.A.
71	Special Aspects of Using the Wind Power Plants in the Power Supply System	Printed	E3S Web of Conferences, Volume 288, 01003 (2021). International Symposium «Sustainable Energy and Power Engineering 2021» (SUSE-2021) – Kazan, 2021. - https://doi.org/10.1051/e3sconf/202128801003 .	7	Sheryazov, S., <u>Issenov, S.</u> , Iskakov, R., Kaidar, A.
72	Alternative Resource-Saving Current Protections for Electric Motors	Printed	2024 International Russian Smart Industry Conference (SmartIndustryCon) (2024). IEEE. 25-29 March 2024. 19-24. Scopus. DOI: 10.1109/SmartIndustryCon61328.2024.10515681.	6	Issabekov, D. <u>Issenov, S.</u>

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73	Resource-Saving Current Protections	Printed	2024 International Ural Conference on Electrical Power Engineering (UralCon), IEEE. 27-29 September 2024. 152-157. DOI: 10.1109/UralCon62137.2024.10718969. Scopus.	6	Issabekov, D.D., Dubinets, N.A., <u>Issenov, S.S.</u>
74	Cogeneration as an effective way to provide energy to rural areas	Printed	Materials of the International scientific and practical conference "II Anniversary readings of F.K. Boyko", dedicated to the 65th anniversary of the University of Toraighyrov. - Volume 1. - pp. 299-304. - Pavlodar: Toraigyrov University, 2025. ISBN 978-601-345-592-1.	6	Shaimerdenova R.T., <u>Issenov S.S.</u> , Yurchenko A.V.
75	Improving the energy efficiency of energy supply systems for small settlements using hybrid wind and solar installations	Printed	Seifullin Readings-22: Agricultural systems of the future: sustainable development, innovations and low-carbon solutions. Coollect. of mater. MNPC I-part. - pp. 31-35. - Astana: publishing house of S. Seifullin KATIU, 2026. - 300 p. https://kazatu.edu.kz/ru/pages/nauka/novosti-nauki_20220121052309/sborniki-naucnyh-konferencij	5	Baybeysenova K.B., <u>Issenov S.S.</u>
76	Analysis of methods for improving the efficiency of vertical-axial wind power plants	Printed	Seifullinsky readings-22: Agricultural systems of the future: sustainable development, innovations and low-carbon solutions. Coollect. of mater. MNPC I-part. - pp. 260-262. - Astana: publishing house of S. Seifullin KATIU, 2026. - 300 p. https://kazatu.edu.kz/ru/pages/nauka/novosti-nauki_20220121052309/sborniki-naucnyh-konferencij	3	Khakimov G.A., <u>Issenov S.S.</u>

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18.08.2026