Приложение 2
к Правилам присвоения
ученых званий (ассоциированный
профессор (доцент), профессор)

Форма Список публикаций в международных рецензируемых изданиях
Фамилия претендента: Жакиев Нурхат Куандыкович (Nurkhat Zhakiyev)
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№ п/п	Название публикации	Тип публика-ции (статья, обзор и т.д.)	Наименование журнала, год публикации (согласно базам данных), DOI	Импакт-фактор журнала, квартиль и область науки по данным Journal Citation Reports за год публ.	Индекс в базе данных Web of Science Core Collection	CiteScore журнала, процентиль и область науки* по данным Scopus за год публикации	ФИО авторов (подчеркнуть ФИО претендента)	Роль претендента (соавтор, первый автор или автор для корреспонденции)
1.	Efficient planning of energy production and maintenance of large-scale combined heat and power plants	Статья	Energy Conversion and Management 169 (2018): 390-403. doi: 10.1016/j.enconman.2018.05.022 ISSN 0196- 8904	**IF**=9.709 (WoS, Q1)		CiteScore (2018) 12.4 Процентиль 97 (Energy Engineering and Power Technology) https://www.scopus.com/sourceid/29372	Kopanos, G. M., Murele, O. C., Silvente, J., **Zhakiyev, N.,** Akhmetbekov, Y., & Tutkushev, D.	соавтор
2.	A spatial electricity market model for the power system: The Kazakhstan case study	Статья	Energy, 149 (2018), 762-778. doi: 10.1016/j.energy.2018.02.011 ISSN 0360-5442	**IF=7.147** (WoS, Q1)		CiteScore (2018) 8.5 Процентиль 98 (Modeling and Simulation), 97 (Engineering) https://www.scopus.com/sourceid/29348	Assembayeva, M., Egerer, J., Mendelevitch, R. **Zhakiyev N.**	соавтор
3.	Distribution Locational Marginal Price Based Transactive Energy Management in Distribution Systems with Smart Prosumers-A Multi-Agent Approach	Статья	Energies, (2022), 15(7), 2404; https://doi.org/10.3390/en15072404	**IF=3.004** (WoS, Q3)		Citescore (2022) 5.5 Процентиль 82 (Engineering, Control and Modeling) https://www.scopus.com/sourceid/62932	Amanbek Y., Kalakova A., Zhakiyeva S., Korhan K., **Zhakiyev N.,** Fridrich D.	автор для корреспонденции
4.	Optimization Modelling of the Decarbonization Scenario of the Total Energy System of Kazakhstan until 2060	Статья	Energies. (2023); 16(13):5142. https://doi.org/10.3390/en16135142	**IF=3.004** (WoS, Q3)		Citescore (2023) 6.2 Процентиль 85 (Engineering, Control and Modeling) https://www.scopus.com/sourceid/62932	**Zhakiyev N,** Khamzina A, Zhakiyeva S, Miglio R, Bakdolotov A, Cosmi C.	первый автор

5.	The Energy Sector of the Capital of Kazakhstan: Status Quo and Policy towards Smart City	Статья	International Journal of Energy Economics and Policy, (2022), 12(4), 414–423. https://doi.org/10.32479/ijeep.13126			Citescore (2022) 3.9 Процентиль 83 (Energy) https://www.scopus.com/sourceid/21100281302	**Zhakiyev, N.,** Kalenova A., Khamzina A.	первый автор
6.	Wireless Sensor Network as a Mesh: Vision and Challenges	Статья	IEEE Access, (2022), vol. 10, pp. 46–67 https://ieeexplore.ieee.org/document/9656902/ DOI: 10.1109/ACCESS.2021.3137341 ISSN: 21693536	WoS, Q2 **IF=3.367** Engineering Multidisciplinary		Citescore (2022) 9.0 Процентиль 92 (General Engineering) https://www.scopus.com/sourceid/21100374601	Nurlan Z., Zhukabayeva T., Othman M., Adamova A., **Zhakiyev N.**	соавтор
7.	Output Regulation-Based Optimal Control System for Maximum Powe Extraction of a Machine-Side Power Converter in Variable-Speed WECS	Статья	IEEE Access, (2024), vol. 12, pp. 8422-8431, doi.org/10.1109/ACCESS.2024.3352546	WoS, Q2 **IF=3.367** Engineering Multidisciplinary		Citescore (2023) 9.8 Процентиль 92 (Engineering) https://www.scopus.com/sourceid/21100374601	B. Sarsembayev, **N. Zhakiyev**, A. Kushekkaliyev, K. Kayisli and T.D.Do	соавтор
8.	Spatial electricity market data for the power system of Kazakhstan	Статья	Data in Brief, 103781 (2019). https://doi.org/10.1016/j.dib.2019.103781 ISSN 2352-3409	**IF=1.00** (WoS, Q3) Multidisciplinary sciences		CiteScore (2019) 1.5 Процентиль 71 (Multidisciplinary) https://www.scopus.com/sourceid/21100372856	Assembayeva, M., Egerer, J., Mendelevitch, R. **Zhakiyev N.**	соавтор
9.	Set of the data for modeling large-scale coal-fired combined heat and power plant in Kazakhstan	Статья	Data in Brief, (2022) 44, 108547.https://doi.org/10.1016/j.dib.2022.108547	**IF=1.00** (WoS, Q3) Multidisciplinary		Citescore (2022) 3.1 Процентиль 76 (Multidisciplinary) https://www.scopus.com/sourceid/21100372856	**Zhakiyev, N.,** Sotsial, Z., Salkenov, A., & Omirgaliyev, R	первый автор и автор для корреспонденции
10.	Highly Effective Anti-Corona Coatings on Aluminium Wires by Surface Modification	Статья	Journal of Physics D: Applied Physics, 53 015503, (2020), https://doi.org/10.1088/1361-6463/ab431d ISSN:0022-3727	**IF=3.169** (WoS Q1)		Citescore (2020) 5.9 Процентиль 77 (Electronic, Optical and Magnetic Materials) https://www.scopus.com/sourceid/28570	**N. Zhakiyev**, K. Tynyshtykbayev, J. Norem, Z. Insepov	первый автор и автор для корреспонденции
11.	Application of machine learning methods for the analysis of heat energy consumption by zones with a change in outdoor temperature: Case study for Nur-Sultan city	Статья	International Journal of Sustainable Development and Planning, (2022), Vol. 17, No. 4, pp. 1247-1257. https://doi.org/10.18280/ijsdp.170423			Citescore (2022) 1.7 Процентиль 32 (Energy-Renewable Energy) https://www.scopus.com/sourceid/5200153101	Omirgaliyev, R., **Zhakiyev, N.,** Aitbayeva, N., Akhmetbekov, Y	соавтор
12.	Comprehensive Scenario Analyses for Coal exit and Renewable Energy Development Planning of Kazakhstan using PyPSA-KZ	Статья	Engineered Science, Volume 29, (2024), http://dx.doi.org/10.30919/es1085			Citescore (2023) 14.9 Процентиль 96 (Engineering), 93 (Energy) https://www.scopus.com/sourceid/21101039622	**Zhakiyev N,** Akhmetov Y, Omirgaliyev R, Mukatov B, Baisakalova N, Zhakiyeva S, and Kazbekov B.	первый автор
13.	Hybrid Technico-Economical Modeling of the Mid-Term Green	Статья	ES Energy and Environment, (2024), 25, 1235 http://dx.doi.org/10.30919/esee1235			Citescore (2023) 10.7	Zhakiyev N., Sagadatova N.,	первый автор

	Economy and Low-Carbon Development Strategy of Kazakhstan					Процентиль 81(Energy) https://www.scopus.com/sourceid/21101152874	Ismagulova G., Bakdolotov A., Biloshchytskyi A.	
14.	Sensitivity Analysis and Performance Prediction of a Micro Plate Heat Exchanger by Use of Intelligent Approaches	Статья	International Journal of Thermofluids. (2024), https://doi.org/10.1016/j.ijft.2024.100601			Citescore (2023) 10.1 Процентиль 93 (Engineering-Mechanical Engineering) https://www.scopus.com/sourceid/21101021537	Dossumbekov Y, **Zhakiyev N**, Mohammad Alhuyi Nazari, M. Salem, B.Abdikadyr.	автор для корреспонденции
15.	Hydrogen Energy for Advancing Energy Efficiency and Environmental Friendliness of the Heat Supply System of Residential House	Статья	Sustainable Energy Technologies and Assessments. (2024), 2213-1388 https://doi.org/10.1016/j.seta.2024.103689	WoS Impact Factor = 7.1 (Q1) Energy & fuels		Citescore (2023) 12.7 Процентиль 92 (Energy)	G. Varlamov, S. Glazyrin, A. Khamzina, Z. Bimurzina, **N. Zhakiyev**	автор для корреспонденции
16.	Particulate black carbon mass concentrations and the episodic source identification driven by atmospheric blocking effects in Astana, Kazakhstan	Статья	Science of The Total Environment, (2024), 173581. https://doi.org/10.1016/j.scitotenv.2024.17358	WoS **IF=8.2** Q1		Citescore (2023) 17.6 Процентиль 95 (Environmental Engineering) https://www.scopus.com/sourced/25349	Ormanova, G., Hopke, P. K., Omran A. D., **Zhakiyev, N.** Shah, D., & Torkmahalleh, M. A	соавтор
17.	Optimal Energy Dispatch and Maintenance of an Industrial Coal-Fired Combined Heat and Power Plant in Kazakhstan	Статья	Energy Procedia 142 (2017): 2485-2490 https://doi.org/10.1016/j.egypro.2017.12.187			Citescore (2017) 1.7 Процентиль 60 (Energy) https://www.scopus.com/sourceid/17700156736	**Zhakiyev N.,** Akhmetbekov Y., Silvente J., Kopanos G.	первый автор
18.	Multi-Layer Integration of Heterogeneous Wireless Sensor Networks for Smart Home Optimization	Conf Статья	Procedia Computer Science, (2024), 231, 666-671. https://doi.org/10.1016/j.procs.2023.12.16			Citescore (2023) 4.5 Процентиль 69 (General Computer Science) https://www.scopus.com/sourceid/19700182801	Akhmetzhanov, B., Akhmetzhanov, B., Yedilkhan, D., Medeshova, A., Rabie, K., & **Zhakiyev, N.**	автор для корреспонденции
19.	Energy Management System for the Campus Microgrid Using an Internet of Things as a Service (IoTaaS) with Day-ahead Forecasting	Conf Статья	Procedia Computer Science, (2024), 241, 488-493. https://doi.org/10.1016/j.procs.2024.08.069			Citescore (2023) 4.5 Процентиль 69 (General Computer Science) https://www.scopus.com/sourceid/19700182801	**Zhakiyev, N.**, Satan, A., Akhmetkanova, G., Medeshova, A., Omirgaliyev, R., & Bracco, S.	первый автор

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