**Халықаралық рецензияланатын басылымдағы жарияланымдар тізімі**

**Нұрғалиев Мадияр Кәменұлы**

**Автордың идентификаторлары:**

Scopus Author ID: 57202335235

Web of Science Researcher ID: DYM-5092-2022

ORCID: 0000-0002-6795-5384

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | Жарияланымның атауы | Жарияланым түрі (мақала, шолу, т.б.) | Журналдың атауы, жариялау жылы (деректер базалары бойынша), DOI | Журналдың жариялау жылы бойынша Journal Citation Reports деректері бойынша импакт факторы және ғылым саласы\* | Web of Science Core Collection (Веб оф Сайенс Кор Коллекшн) деректер базасындағы индексі | Журналдың жариялау жылы бойынша Scopus (Скопус) деректері бойынша . CiteScore (СайтСкор) процентилі және ғылым саласы\* | Scopus (Скопус) деректер базасындағы индексі | Авторлардың А.Ж.Т. (үміткердің А.Ж.Т. сызу) | Үміткердің ролі (теңавтор, бірінші автор немесе корреспонденция үшін автор) |
| 1 | Development of Bimodal Emotion Recognition System Based on Skin Temperature and Heart Rate Variability Using Hybrid Neural Networks | Мақала | IEEE Access – 2025.  DOI: 10.1109/ACCESS.2025.3570785 | IF 3.6;  Q2 in Engineering, Electrical & Electronic,  Q2 in Telecommunications;  Q2 in Computer Science, Information Systems; | <https://www.webofscience.com/wos/woscc/full-record/WOS:001494152200006> | [90%](https://www.scopus.com/sourceid/26765#tabs=1) in General Engineering,  [86%](https://www.scopus.com/sourceid/26765#tabs=1) in General Computer Science | <https://www.scopus.com/record/display.uri?eid=2-s2.0-105005263984&origin=recordpage> | Orynbassar S.,  Erol Barkana D.,  Yershov E.,  **Nurgaliyev M.,**  Saymbetov A.,  Zholamanov B.,  Dosymbetova G.,  Kapparova A.,  Koshkarbay N.,  Kuttybay N.,  Bolatbek A.,  Kopbay K. | Корреспонденция үшін автор |
| 2 | Novel filtering and regeneration technique with statistical feature extraction and machine learning for automatic modulation classification | Мақала | Digital Signal Processing: A Review Journal – 2024  DOI: <https://doi.org/10.1016/j.dsp.2024.104744> | IF 3;  Q2 in Engineering, Electrical & Electronic, | <https://www.webofscience.com/wos/woscc/full-record/WOS:001315547700001> | [77%](https://www.scopus.com/sourceid/26765#tabs=1) in Electrical and Electronic Engineering, | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85203558319&origin=recordpage> | Sarmanbetov S.,  **Nurgaliyev M.,**  Zholamanov B.,  Kopbay K.,  Saymbetov A.,  Bolatbek A.,  Kuttybay N.,  Orynbassar S.,  Yershov E. | Корреспонденция үшін автор |
| 3 | Machine Learning Based Localization of LoRa Mobile Wireless Nodes Using a Novel Sectorization Method | Мақала | Future Internet – 2024  DOI: <https://doi.org/10.3390/fi16120450> | IF 3.6;  Q2 in Computer Science, Information Systems | <https://www.webofscience.com/wos/woscc/full-record/WOS:001384353000001> | 84% in Computer Networks and Communications, | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85213083675&origin=recordpage> | **Nurgaliyev M.,**  Bolatbek A.,  Zholamanov B.,  Saymbetov A.,  Kopbay K.,  Yershov E.,  Orynbassar S.,  Dosymbetova G.,  Kapparova A.,  Kuttybay N.,  Koshkarbay N. | Бірінші автор |
| 4 | Improved MPPT technology for PV systems using Social Spider optimization (SSO): Efficient handling of partial shading and load variations | Мақала | Electric Power Systems Research – 2025.  DOI: <https://doi.org/10.1016/j.epsr.2025.111822> | IF 4.2;  Q2 in Engineering, Electrical & Electronic | <https://www.webofscience.com/wos/woscc/full-record/WOS:001492027500006> | [84%](https://www.scopus.com/sourceid/26765#tabs=1) in Electrical and Electronic Engineering,  79% in Energy Engineering and Power Technolog | <https://www.scopus.com/record/display.uri?eid=2-s2.0-105004874526&origin=recordpage> | Koshkarbay N.,  Mohammed K. K.,  Mekhilef S.,  Kuttybay N.,  Almen D.,  Saymbetov A.,  **Nurgaliyev M.** | Теңавтор |
| 5 | Adaptive control systems for dual axis tracker using clear sky index and output power forecasting based on ML in overcast weather conditions | Мақала | Energy and AI – 2024.  DOI: <https://doi.org/10.1016/j.egyai.2024.100432> | IF 9.6;  Q1 in Computer Science, Artificial Intelligence | <https://www.webofscience.com/wos/woscc/full-record/WOS:001344169000001> | [96%](https://www.scopus.com/sourceid/26765#tabs=1) in Engineering (miscellaneous), 94% in Artificial Intelligence | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85207033299&origin=recordpage> | Koshkarbay N.,  Mekhilef S., Saymbetov A.,  Kuttybay N.,  **Nurgaliyev M.,**  Dosymbetova G.,  Orynbassar S.,  Yershov E.,  Kapparova A.,  Zholamanov B.,  Bolatbek A. | Теңавтор |
| 6 | Modelling of the Pi-Shape Low-Concentrating Photovoltaic Solar Cells | Мақала | IIUM Engineering Journal – 2025.  DOI: <https://doi.org/10.31436/iiumej.v26i2.3175> | IF 0.7;  Q3 in Engineering, Multidisciplinary | <https://www.webofscience.com/wos/woscc/full-record/WOS:001530276500007> | [50%](https://www.scopus.com/sourceid/26765#tabs=1) in General Engineering,  [39%](https://www.scopus.com/sourceid/26765#tabs=1) in General Computer Science | <https://www.scopus.com/pages/publications/105008708423> | Kapparova A.,  Orynbassar S.,  Dosymbetova G.,  Almen D.,  Yershov E.,  Saymbetov A.,  **Nurgaliyev M.,**  Kuttybay N.,  Algazin N. | Теңавтор |
| 7 | MODELLING П-SHAPED CONCENTRATING OPTICS FOR LCPV SOLAR CELLS USING FRESNEL LENS | Мақала | LATVIAN JOURNAL OF PHYSICS AND TECHNICAL SCIENCES  DOI: 10.2478/lpts-2024-0039 | IF 0.7;  Q4 in PHYSICS, APPLIED | <https://www.webofscience.com/wos/woscc/full-record/WOS:001322844200001> | [37%](https://www.scopus.com/sourceid/26765#tabs=1) in General Engineering | <https://www.scopus.com/pages/publications/85207011746> | Kapparova A.,  Orynbassar S.,  Dosymbetova G.,  Almen D.,  Yershov E.,  Saymbetov A.,  **Nurgaliyev M.,**  Algazin N.,  Sharipbay A.,  Zhastalapova D. | Теңавтор |
| 8 | Output power analysis of low concentrated solar cells with fresnel lens optics | Мақала | Optik – 2024.  DOI: <https://doi.org/10.1016/j.ijleo.2024.172088> |  |  | [85%](https://www.scopus.com/sourceid/26765#tabs=1) in Electrical and Electronic Engineering | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85206995577&origin=recordpage> | Almen D.,  Kapparova A.,  Yershov E.,  Orynbassar S.,  Dosymbetova G.,  **Nurgaliyev M.,**  Saymbetov A.,  Kuttybay N.,  Zholamanov B.,  Bolatbek A.,  Koshkarbay N., | Теңавтор |
| 9 | Enhanced Reinforcement Learning Algorithm Based-Transmission Parameter Selection for Optimization of Energy Consumption and Packet Delivery Ratio in LoRa Wireless Networks | Мақала | Journal of Sensor and Actuator Networks – 2024  DOI: <https://doi.org/10.3390/jsan13060089> | IF 4.2;  Q2 in Telecommunications;  Q2 in Computer Science, Information Systems | <https://www.webofscience.com/wos/woscc/full-record/WOS:001386807200001> | [88%](https://www.scopus.com/sourceid/26765#tabs=1) in Computer Networks and Communications,  [95%](https://www.scopus.com/sourceid/26765#tabs=1) in Control and Optimization | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85213434035&origin=recordpage> | Zholamanov B.,  Bolatbek A.,  Saymbetov A.,  **Nurgaliyev M.,**  Yershov E.,  Kopbay K.,  Orynbassar S.,  Dosymbetova G.,  Kapparova A.,  Kuttybay N.,  Koshkarbay N. | Теңавтор |
| 10 | Assessment of solar tracking systems: A comprehensive review | Шолу | Sustainable Energy Technologies and Assessments – 2024.  DOI: <https://doi.org/10.1016/j.seta.2024.103879> | IF 7;  Q2 in Green & Sustainable Science & Technology | <https://www.webofscience.com/wos/woscc/full-record/WOS:001263234500001> | [95%](https://www.scopus.com/sourceid/26765#tabs=1) in Energy Engineering and Power Technology | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85197059396&origin=recordpage> | Kuttybay N.,  Mekhilef S.,  Koshkarbay N.,  Saymbetov A.,  **Nurgaliyev M.,**  Dosymbetova G.,  Orynbassar S.,  Yershov E.,  Kapparova A.,  Zholamanov B.,  Bolatbek A. | Теңавтор |
| 11 | Minimum solar tracking system for a Fresnel lens-based LCPV | Мақала | Renewable Energy – 2024  DOI: <https://doi.org/10.1016/j.renene.2024.121607> | IF 9.1;  Q1 in Green & Sustainable Science & Technology | <https://www.webofscience.com/wos/woscc/full-record/WOS:001336219000001> | 98[%](https://www.scopus.com/sourceid/26765#tabs=1) in General Engineering, | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85206107598&origin=recordpage> | Orynbassar S.,  Almen D.,  Mekhilef S.,  Kapparova A.,  Dosymbetova G.,  **Nurgaliyev M.,**  Saymbetov A.,  Ibraimov M.,  Kuttybay N.,  Yershov E.,  Koshkarbay N.,  Zholamanov B., | Теңавтор |
| 12 | Neural Network-Based Active Cooling System With IoT Monitoring and Control for LCPV Silicon Solar Cells | Мақала | IEEE Access – 2023  DOI: 10.1109/ACCESS.2023.3280265 | IF 3.6;  Q2 in Engineering, Electrical & Electronic;  Q2 in Telecommunications;  Q2 in Computer Science, Information Systems; | <https://www.webofscience.com/wos/woscc/full-record/WOS:001005681100001> | 90[%](https://www.scopus.com/sourceid/26765#tabs=1) in General Engineering,  86[%](https://www.scopus.com/sourceid/26765#tabs=1) in General Computer Science | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85161033626&origin=recordpage> | Dosymbetova G.,  Mekhilef S.,  Orynbassar S.,  Kapparova A.,  Saymbetov A.,  **Nurgaliyev M.,**  Zholamanov B.,  Kuttybay N.,  Manakov S.,  Svanbayev Y.,  Koshkarbay N. | Теңавтор |
| 13 | Equivalent circuit of a silicon–lithium p–i–n nuclear radiation detector | Мақала | Scientific Reports – 2023  DOI: <https://doi.org/10.1038/s41598-023-39710-5> | IF 3.9;  Q1 in Multidisciplinary Sciences | <https://www.webofscience.com/wos/woscc/full-record/WOS:001042088200008> | 89[%](https://www.scopus.com/sourceid/26765#tabs=1) in Multidisciplinary | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85166406129&origin=recordpage> | Saymbetov A.,  Muminov R.,  Jing Z.,  **Nurgaliyev M.,**  Japashov N.,  Toshmurodov Y.,  Kuttybay N.,  Kapparova A.,  Zholamanov B.,  Orynbassar S.,  Koshkarbay N. | Теңавтор |
| 14 | Modeling and Simulation of Silicon Solar Cells under Low Concentration Conditions | Мақала | Energies – 2022  DOI: <https://doi.org/10.3390/en15249404> | IF 3.2;  Q3 in Energy & Fuels | <https://www.webofscience.com/wos/woscc/full-record/WOS:000901294300001> | 82[%](https://www.scopus.com/sourceid/26765#tabs=1) in Electrical and Electronic Engineering,  90% in Control and Optimization,  85% in Engineering (miscellaneous) | <https://www.scopus.com/record/display.uri?eid=2-s2.0-85144612344&origin=recordpage> | Dosymbetova G.,  Mekhilef S.,  Saymbetov A.,  **Nurgaliyev M.,**  Kapparova A.,  Manakov S.,  Orynbassar S.,  Kuttybay N.,  Svanbayev Y.,  Yuldoshev I.,  Zholamanov B.,  Koshkarbay N. | Теңавтор |

**Әл-Фараби атындағы Қазақ ұлттық университеті**

**ҒЫЛЫМИ ЕҢБЕКТЕР ТІЗІМІ**

**Нұрғалиев Мадияр Кәменұлы**

**Нұрғалиев Мадияр Кәменұлы**

|  |  |  |  |
| --- | --- | --- | --- |
| № | **Еңбектердің аттары** | **Баспаның, журналдың аты**  **(№, жыл)** | **Бірлескен авторлардың А.Ж.Т.** |
| **ҚР ҒжЖБМ ҒЖБСҚҚЕК ұсынған журналдардағы ғылыми мақалалар** | | | |
| 1 | SINGLE ANCHOR NODE POSITIONING METHOD USING ANTENNA ARRAY AND MACHINE LEARNING | VESTNIK KazUTB. Раздел «ИНФОРМАЦИОННО-КОММУНИКАЦИОННЫЕ ТЕХНОЛОГИИ». – 2025. – №2 (27). С. 59 – 70.  <https://vestnik.kaztbu.edu.kz/index.php/kazutb/article/view/710> | Жоламанов Б.Н.,  **Нұрғалиев М.К.,**  Болатбек А.Б.,  Көпбай Қ.,  Қожабек Д. |
| 2 | CLASSIFICATION OF HUMAN EMOTIONS USING THERMOGRAMS AND NEURAL NETWORK | Scientific Journal of Astana IT University. INFORMATION TECHNOLOGIES. – 2025. №2 (22). С. 37-54.  <https://sj.astanait.edu.kz/wp-content/uploads/2025/07/03-696.pdf> | Yershov E.,  **Nurgaliyev M.,**  Dosymbetova G.,  Zholamanov B.,  Orynbassar S.,  Khumarbekkyzy T. |
| 3 | EMOTION CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORKS WITH DIFFERENT ARCHITECTURES | [HERALD OF THE KAZAKH-BRITISH TECHNICAL UNIVERSITY. COMPUTER SCIENCE](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=12&SID=F47lDcAttv89yN8BdY1&page=1&doc=6) – 2025. – №2 (73). С. 110-126.  <https://vestnik.kbtu.edu.kz/jour/article/view/1992/599> | Yershov E.,  Orynbassar S.,  Zholamanov B.,  **Nurgaliyev M.,**  Dosymbetova G.,  Khumarbekkyzy T. |
| 4 | Design and simulation of rectangular patch antenna arrays with high bandwidth for 2.4 GHz ISM band applications | TELKOMNIKA (Telecommunication Computing Electronics and Control). – 2025. – Т. 23. – №. 3. – С. 574-587.  <https://www.telkomnika.uad.ac.id/index.php/TELKOMNIKA/article/view/26344> | Kopbay K.,  **Nurgaliyev M.,**  Saymbetov A.,  Kuttybay N.,  Bolatbek A.,  Orynbassar S.,  Zholamanov B. |
| **Патенттер мен өнертабыстар** | | | |
| 1 | Низкоконцентрированная фотоэлектрическая система с минимальным слежением за Cолнцем | Өнертабысқа патент № 37370, Қазақстан Республикасы. Өтініш беруші және патентке иелік етуші әл-Фараби атындағы ҚазҰУ. 13.06.2025 жыл, № 37370  <https://gosreestr.kazpatent.kz/Invention/Details?docNumber=423342> | Құттыбай Н.Б.,  Орынбасар С.О.,  Саймбетов А.К.,  **Нұрғалиев М.К.,**  Ибраимов М.К.,  Досымбетова Г.Б.,  Болатбек А.Б.,  Қошқарбай Н.Ж.,  Жоламанов Б.Н.,  Каппарова А.А.,  Әлмен Д.Б. |