

| Направление статьи  | ФИО авторов               | Название статьи                                                                              | Год  |
|---------------------|---------------------------|----------------------------------------------------------------------------------------------|------|
| Mathematics sciense | Bryakin I.V.; Bochkarev I | A new method of detecting subsurface metallic objects                                        | 2021 |
| Mathematics sciense | Bryakin I.V.; Bochkarev I | Developing a combined method for detection of buried metal objects                           | 2021 |
| Mathematics sciense | Kadyrov I.; Turusbekov B  | Universal Automatic Process Control System for Turning Machines                              | 2021 |
| Mathematics sciense | Bochkarev I.V.; Bryakin I | Developing new thermal protection method for ac electric motors                              | 2021 |
| Mathematics sciense | Usubamatov R.; Bergand    | The Mathematical Model for the Tippe Top Inversion                                           | 2021 |
| Mathematics sciense | Bryakin I.V.; Bochkarev I | Thermal protection of biopower plant electric drives                                         | 2021 |
| Mathematics sciense | Toleush A.; Israilova N.; | Development of Morphological Segmentation for the Kyrgyz Language on Complete Set of Endings | 2021 |

| Название источника, выходные данные                                                                                                                  | Ссылка на статью                                                  | Ключевые слова                             | База данных            |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------|------------------------|
| Proceedings - 2021 International Conference on Control Systems, Mathematical Modeling, Automation and Energy Efficiency, SUMMA 2021 Machines,9,5     | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | In-phase and quadrature electrical signals | <a href="#">Scopus</a> |
| Proceedings - 2021 3rd International Conference on Control Systems, Mathematical Modeling, Automation and Energy Efficiency, SUMMA 2021 Machines,9,3 | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | Algorithmic signal processing              | <a href="#">Scopus</a> |
| Advances in Mathematical Physics,2021                                                                                                                | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | cutter                                     | <a href="#">Scopus</a> |
| Proceedings - 2021 International Conference on Industrial Engineering, Applications and Manufacturing, ICIEAM 2021                                   | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | Active resistance                          | <a href="#">Scopus</a> |
| Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics),12672LNAI       | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | Scopus                                     | <a href="#">Scopus</a> |
|                                                                                                                                                      | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | Active winding resistance                  | <a href="#">Scopus</a> |
|                                                                                                                                                      | <a href="https://www.scopus.com/in">https://www.scopus.com/in</a> | Kyrgyz language                            | <a href="#">Scopus</a> |

| CiteScore-процентиль;<br>импакт-фактор,<br>квартиль<br>( написано в формате:<br>Citescore-Квартиль-<br>Процентиль) | Для справки:<br>Q1: 75-100 процентиль<br>Q2: 50-74 процентиль<br>Q3: 25-49 процентиль<br>Q4: 0-24 процентиль |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| not found                                                                                                          |                                                                                                              |
| 4,7; Q2, 65th                                                                                                      |                                                                                                              |
| not found                                                                                                          |                                                                                                              |
| 4,7; Q2, 65th                                                                                                      |                                                                                                              |
| 2,9; Q2, 64th                                                                                                      |                                                                                                              |
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| 2,4;Q3 - 42nd                                                                                                      |                                                                                                              |

| Направление статьи  | ФИО авторов                                                                 | Название статьи                                                            | Год  | Название источника, выходные данные                         | Ссылка на статью                                              | Ключевые слова               | База данных | CiteScore-процентиль; импакт-фактор, квартиль (написано в формате: Citescore-процентиль; импакт-фактор, квартиль) | Для справки: Q1: 75-100 процентиль Q2: 50-74 процентиль Q3: 25-49 |
|---------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|------|-------------------------------------------------------------|---------------------------------------------------------------|------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Mathematics sciense | Gulakhmadov A.; Asanova S.; Asanova D.; Safaraliev M.; Tavlintsev A.        | Power Flows and Losses Calculation in Radial Networks by                   | 2022 | Energies,15,3                                               | <a href="https://www.scopus.org/">https://www.scopus.org/</a> | Algorithm                    | Scopus      | 7,3; Q1 - 90th                                                                                                    |                                                                   |
| Mathematics sciense | Usubamatov R.; Allen D.                                                     | Corrected Inertial Torques of Gyroscopic Effects                           | 2022 | Advances in Mathematical Physics                            | <a href="https://www.scopus.org/">https://www.scopus.org/</a> |                              | Scopus      | 2,9; Q 2 - 64th                                                                                                   |                                                                   |
| Mathematics sciense | Verzunov S.N.; Bochkarev I.V.; Khramshin V.R.                               | Intelligent Monitoring System of Underground Cable                         | 2022 | Proceedings - 2022 International Russian Automation         | <a href="https://www.scopus.org/">https://www.scopus.org/</a> | cable lines                  | Scopus      | not found                                                                                                         |                                                                   |
| Mathematics sciense | Usubamatov R.; Kapayeva S.                                                  | Inertial Forces and Torques Acting on a Spinning Annulus                   | 2022 | Advances in Mathematical Physics                            | <a href="https://www.scopus.org/">https://www.scopus.org/</a> |                              | Scopus      | 2,9; Q2, 64th                                                                                                     |                                                                   |
| Mathematics sciense | Bryakin I.V.; Bochkarev I.V.; Khramshin V.R.; Gasiyarov V.R.; Ljubimov I.V. | Power Transformer Condition Monitoring Based on Evaluating Oil Properties  | 2022 | Machines,10,8                                               | <a href="https://www.scopus.org/">https://www.scopus.org/</a> | complex permittivity         | Scopus      | 4,7; Q 2 - 67th                                                                                                   |                                                                   |
| Mathematics sciense | Kadyrov I.; Karaeva N.; Andarbekov Z.; Kasmanbetov K.                       | Developing a Microprocessor-Based Equipment Control Panel for Rifle Sports | 2022 | Communications in Computer and Information Science,1526CCIS | <a href="https://www.scopus.org/">https://www.scopus.org/</a> | Microprocessor-based control | Scopus      | 1,1; Q3 - 38th                                                                                                    |                                                                   |

| Направление статьи  | ФИО авторов                                                                    | Название статьи                                                                                         | Год  |
|---------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------|
| Mathematics sciense | Kadyrov I.;<br>Turusbekov B.;<br>Zhanybekova B.;<br>Azamat B.U.;<br>Karaeva N. | An Alternative to Vector Control Variant of Frequency Controlled Electric Drive by the System of Direct | 2023 |
| Mathematics sciense | Tsybov N.N.;<br>Galbaev Z.T.;<br>Burmeyster M.V.                               | Features of Approaches to Information Educational Components Design for                                 | 2023 |
| Mathematics sciense | Seitmuratov A.Zh.;<br>Medeubaev N.K.;<br>Kozhoshov T.T.;<br>Medetbekov B.R.    | Boundary value problems of integrodifferential equations under boundary conditions taking into account  | 2023 |
| Mathematics sciense | Koshoeva B.B.;<br>Chynybaev M.K.;<br>Bakalova A.T.;<br>Abdyldaeva A.R.         | Business Process Designing of the Institutional Ranking System of Higher Education of the Kyrgyz        | 2023 |
| Mathematics sciense | Bryakin I.V.;<br>Bochkarev I.V.;<br>Khramshin V.R.                             | New Method of Radio Detection and Location for Shallow Geophysics                                       | 2023 |
| Mathematics sciense | Bakasova A.B.; Askat A.U.                                                      | Neuro-fuzzy approach to identification of electromagnetic fields of electrostatic discharge             | 2023 |
| Mathematics sciense | Bryakin I.V.;<br>Bochkarev I.V.;<br>Khramshin V.R.                             | Development of New Antenna Assembly for Georadar                                                        | 2023 |
| Mathematics sciense | Abdyldaeva E.F.;<br>Kerimbekov A.K.;<br>Zhaparov M.T.                          | On the solvability of a nonlinear optimization problem with boundary vector control of                  | 2023 |

| Название источника, выходные данные                                                                   | Ссылка на статью                                                                                                          | Ключевые слова                                                                                                            | База данных            |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------|
| Proceedings - 2023 5th International Conference on Control Systems, Mathematical                      | <a href="https://www.scopus.com/">https://www.scopus.com/</a>                                                             | current source mode                                                                                                       | <a href="#">Scopus</a> |
| Proceedings of the 2023 5th International Youth Conference on Radio Electronics,                      | <a href="https://www.scopus.com/">https://www.scopus.com/</a>                                                             | didactic efficiency                                                                                                       | <a href="#">Scopus</a> |
|                                                                                                       |                                                                                                                           | <a href="https://www.scopus.com/pages/publications/85169037462">https://www.scopus.com/pages/publications/85169037462</a> | <a href="#">Scopus</a> |
| Communications in Computer and Information Science, 1733CCIS                                          | <a href="https://www.scopus.com/">https://www.scopus.com/</a>                                                             | Automated information system                                                                                              | <a href="#">Scopus</a> |
| Proceedings - 2023 International Russian Automation Conference, RusAutoCon 2023                       | <a href="https://www.scopus.com/">https://www.scopus.com/</a>                                                             | geological environment                                                                                                    | <a href="#">Scopus</a> |
| Proceedings of the 2023 5th International Youth Conference on Radio Electronics, Electrical and Power | <a href="https://www.scopus.com/">https://www.scopus.com/</a>                                                             | electromagnetic environment                                                                                               | <a href="#">Scopus</a> |
| Proceedings - 2023 International Russian Automation Conference, RusAutoCon 2023                       | <a href="https://www.scopus.com/">https://www.scopus.com/</a>                                                             | antenna                                                                                                                   | <a href="#">Scopus</a> |
|                                                                                                       | <a href="https://www.scopus.com/pages/publications/85156175163">https://www.scopus.com/pages/publications/85156175163</a> | boundary vector control; functional; General solution; nonlinear                                                          | <a href="#">Scopus</a> |

| CiteScore-<br>процентиль;<br>импакт-фактор,<br>квартиль<br>( написано в<br>формате: Citescore- | Для справки:<br>Q1: 75-100<br>процентиль<br>Q2: 50-74<br>процентиль<br>Q3: 25-49 |
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| 1,1; Q4 - 16th                                                                                 |                                                                                  |
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| Направление статьи  | ФИО авторов                                                            | Название статьи                                                                                      | Год  |
|---------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------|
| Mathematics sciense | Burmeister M.V.;<br>Berdyshev I.I.;<br>Bulatov R.V.;<br>Nasyrov R.R.;  | Investigation of the<br>Influence of the Virtual<br>Inertia System on the<br>Stability of a PV Plant | 2024 |
| Mathematics sciense | Alekseev A.;<br>Nikolenko S.;<br>Kabaeva G.                            | Benchmarking Multilabel<br>Topic Classification<br>in the Kyrgyz Language                            | 2024 |
| Mathematics sciense | Usubamatov R.                                                          | Gyroscopic Torques<br>Generated by a Spinning<br>Ring Torus                                          | 2024 |
| Mathematics sciense | Kadyrov I.; Karaeva<br>N.; Chyngyzbek A.                               | Development of a<br>Mathematical Model to<br>Study the Energy                                        | 2024 |
| Mathematics sciense | Liang Z.;<br>Kudayberdievna<br>K.K.; Isakunovich<br>B.I.; Liang Z.     | Comparative study of<br>deep learning models<br>for action recognition                               | 2024 |
| Mathematics sciense | Bochkarev I.V.;<br>Khramshin R.R.;<br>Galbaev Z.T.;<br>Sandvbaeva A.R. | Transient Processes<br>Analysis in<br>Electromagnetic                                                | 2024 |
| Mathematics sciense | Bakasova A.B.; Askat<br>A.U.                                           | AI-Driven<br>Electrostatic Modeling<br>for Improved<br>Electronic Reliability                        | 2024 |
| Mathematics sciense | Usubamatov R.;<br>Kurganova D.;<br>Kapayeva S.                         | Maximal productivity<br>rate of threading<br>machine operations                                      | 2024 |
| Mathematics sciense | Usubamatov R.;<br>Abdiraimov A.                                        | Optimization of<br>machining for the<br>maximal productivity<br>rate of the drilling                 | 2024 |
| Mathematics sciense | Bryakin I.V.;<br>Bochkarev I.V.;<br>Khramshin V.R.                     | Subsurface<br>Exploration Systems<br>for Shallow<br>Geophysics                                       | 2024 |



| Название источника, выходные данные                                                             | Ссылка на статью                                            | Ключевы слова             | База данных            |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------|------------------------|
| Proceedings of the 2024 6th International Youth Conference on Radio Electronics,                | <a href="https://www.scopus.com">https://www.scopus.com</a> | automatic control systems | <a href="#">Scopus</a> |
| Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence | <a href="https://www.scopus.com">https://www.scopus.com</a> | Kyrgyz language           | <a href="#">Scopus</a> |
| Advances in Mathematical Physics,2024,1                                                         | <a href="https://www.scopus.com">https://www.scopus.com</a> | angular rotation          | <a href="#">Scopus</a> |
| Communications in Computer and Information                                                      | <a href="https://www.scopus.com">https://www.scopus.com</a> | Block Diagram             | <a href="#">Scopus</a> |
| Proceedings of SPIE - The International                                                         | <a href="https://www.scopus.com">https://www.scopus.com</a> | Action Recognition        | <a href="#">Scopus</a> |
| Proceedings - 2024 International Conference on                                                  | <a href="https://www.scopus.com">https://www.scopus.com</a> | electric impulse control  | <a href="#">Scopus</a> |
| Proceedings of the 2024 6th International Youth Conference on                                   | <a href="https://www.scopus.com">https://www.scopus.com</a> | Electric fields           | <a href="#">Scopus</a> |
| International Journal of Mathematics for Industry,16,1                                          | <a href="https://www.scopus.com">https://www.scopus.com</a> | machine tool              | <a href="#">Scopus</a> |
| International Journal of Mathematics for Industry,16,1                                          | <a href="https://www.scopus.com">https://www.scopus.com</a> | Drilling                  | <a href="#">Scopus</a> |
| Proceedings - 2024 International Conference on Industrial Engineering,                          | <a href="https://www.scopus.com">https://www.scopus.com</a> | EH-antenna                | <a href="#">Scopus</a> |

| CiteScore-<br>процентиль;<br>импакт-фактор,<br>квартиль<br>( написано в<br>формате: Citescore- | Для справки:<br>Q1: 75-100<br>процентиль<br>Q2: 50-74<br>процентиль<br>Q3: 25-49 |
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| SiteScore 2.4 ,Q3 42nd                                                                         |                                                                                  |
| 2,9; 2, 64th                                                                                   |                                                                                  |
| 1,1; Q3, 38th                                                                                  |                                                                                  |
| 0,5; Q - 47th                                                                                  |                                                                                  |
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| 0,5; Q 4 - 7th                                                                                 |                                                                                  |
| 0,5; Q 4 - 7th                                                                                 |                                                                                  |
| not found                                                                                      |                                                                                  |

| Направление статьи  | ФИО авторов                                                    | Название статьи                                                                                                                           |
|---------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Mathematics sciense | Alekseev A.; Turatali T.                                       | KyrgyzNLP: Challenges, Progress, and†Future                                                                                               |
| Mathematics sciense | Deng F.; Liang Z.; Meng W.; Xiong W.; Xu J.; Liang Z.; Zhao Z. | Elderly fall detection based on skeleton data using OpenPose                                                                              |
| Mathematics sciense | Wu Y.; Du S.; Wu G.; Guo X.; Wu J.; Zhao R.; Ma C.             | Minimum maximum regularized multiscale convolutional neural network and its application in intelligent fault diagnosis of rotary machines |
| Mathematics sciense | Dong C.; Gunina M.G.                                           | ANN-driven optimization and dynamic performance assessment of a hybrid energy system with enhanced SOFC and compressed air energy storage |

| Год  | Название источника, выходные данные                         | Ссылка на статью                                                                      |
|------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 2025 | Lecture Notes in Computer Science, 15419LNCS                | <a href="https://www.scopus.com/inward/recon">https://www.scopus.com/inward/recon</a> |
| 2025 | Proceedings of SPIE - The International Society for Optical | <a href="https://www.scopus.com/inward/recon">https://www.scopus.com/inward/recon</a> |
| 2025 | ISA Transactions, 159                                       | <a href="https://www.scopus.com/inward/recon">https://www.scopus.com/inward/recon</a> |
| 2025 | Energy, 328                                                 | <a href="https://www.scopus.com/inward/recon">https://www.scopus.com/inward/recon</a> |

| Ключевы слова                           | База данных            | CiteScore-процентиль;<br>импакт-фактор,<br>квартиль<br>( написано в формате:<br>Citescore-Квартиль-<br>Процентиль) |
|-----------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Kyrgyz language                         | <a href="#">Scopus</a> | 2,4;Q3 42nd                                                                                                        |
| Elderly care                            | <a href="#">Scopus</a> | 0,5; Q 47th                                                                                                        |
| Convolutional neural network            | <a href="#">Scopus</a> | 12,3; Q1 97th                                                                                                      |
| Compressed air energy storage<br>(CAES) | <a href="#">Scopus</a> | 16,5; Q1 -94th                                                                                                     |

**Для справки:**

**Q1: 75-100 процентиљ**

**Q2: 50-74 процентиљ**

**Q3: 25-49 процентиљ**

**Q4: 0-24 процентиљ**