

**Публікації авторів ХНУРЕ у журналах першого квартилю Q1 БД Scopus у 2024 році  
за версією аналітичного інструменту SciVal**

| № з/п | Назва публікації                                                                                                                                | Автори                                                                                                                                                                                 | Кафедра  | Назва видання                                                  | Вид публікації | Відкритий доступ |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------|----------------|------------------|
| 1     | Multi-view 3D data fusion and patching to reduce Shannon entropy in Robotic Vision                                                              | Sergiyenko, O.  Alaniz-Plata, R.  Flores-Fuentes, W.  Rodríguez-Quiróñez, J.C.  Miranda-Vega, J.E.  Sepulveda-Valdez, C.  Núñez-López, J.A.  Kolendovska, M.  Kartashov, V.  Tyrsa, V. | MIPEC    | Optics and Lasers in Engineering                               | Article        |                  |
| 2     | Galvanic Skin Response and Photoplethysmography for Stress Recognition Using Machine Learning and Wearable Sensors                              | Nechyporenko, A.  Frohme, M.  Strelchuk, Y.  Omelchenko, V.  Gargin, V.  Ishchenko, L.  Alekseeva, V.                                                                                  | CT       | Applied Sciences (Switzerland)                                 | Article        | Gold             |
| 3     | Self-Powered Electrochemiluminescence for Imaging the Corrosion of Protective Coating of Metal and Quantitative Analysis                        | Liu, H.  Hussain, A.  Zholudov, Y.T.  Snizhko, D.V.  Sojic, N.  Xu, G.                                                                                                                 | БМІ      | Angewandte Chemie - International Edition                      | Article        |                  |
| 4     | Adaptive Neuro-Fuzzy System for Detection of Wind Turbine Blade Defects                                                                         | Dubchak, L.  Sachenko, A.  Bodyanskiy, Y.  Wolff, C.  Vasylykiv, N.  Brukhanskyi, R.  Kochan, V.                                                                                       | ШІ       | Energies                                                       | Article        | Gold             |
| 5     | The neural network approach for estimation of heat transfer coefficient in heat exchangers considering the fouling formation dynamic            | Ilyunin, O.  Bezsonov, O.  Rudenko, S.  Serdiuk, N.  Udovenko, S.  Kapustenko, P.  Plankovskyy, S.  Arsenyeva, O.                                                                      | KITC     | Thermal Science and Engineering Progress                       | Article        |                  |
| 6     | Deep learning in microbiome analysis: a comprehensive review of neural network models                                                           | Przymus, P.  Rykaczewski, K.  Martín-Segura, A.  Truu, J.  Carrillo De Santa Pau, E.  Kolev, M.  Naskinova, I.  Gruca, A.  Sampri, A.  Frohme, M.  Nechyporenko, A.                    | CT       | Frontiers in Microbiology                                      | Review         | Gold Green       |
| 7     | Resilient cloud cluster with DevSecOps security model, automates a data analysis, vulnerability search and risk calculation                     | Alghawli, A.S.A.  Radivilova, T.                                                                                                                                                       | IKI      | Alexandria Engineering Journal                                 | Article        | Gold Green       |
| 8     | Robust STAP of Dictionary Local Adaptive Filling and Learning for Nonstationary Clutter Suppression                                             | Guo, Q.  Liu, L.  Kaliuzhnyi, M.  Chernogor, L.  Wang, Y.  Qi, L.                                                                                                                      | IMI      | IEEE Transactions on Aerospace and Electronic Systems          | Article        |                  |
| 9     | Nonlinear normal modes of multi-walled nanoshells with consideration of surface effect and nonlocal elasticity                                  | Avramov, K.                                                                                                                                                                            | CT       | International Journal of Non-Linear Mechanics                  | Article        |                  |
| 10    | VS4 Nanodendrites with Narrow Bandgaps in Activating Dissolved Oxygen for Boosted Chemiluminescence and Hemin Detection by Unexpected Quenching | Abdussalam, A.  Liu, H.  Mostafa, I.M.  Lou, B.  Snizhko, D.V.  Zholudov, Y.T.  Zhang, W.  Xu, G.                                                                                      | БМІ      | Analytical Chemistry                                           | Article        |                  |
| 11    | Nonlinear Normal Modes of Vibrating Mechanical Systems: 10 Years of Progress                                                                    | Mikhlin, Y.  Avramov, K.                                                                                                                                                               | CT       | Applied Mechanics Reviews                                      | Article        | Green            |
| 12    | Criterion for Ranking Interval Alternatives in a Decision-Making Task                                                                           | Romanenkov, Y.  Mukhin, V.  Kosenko, V.  Revenko, D.  Lobach, O.  Kosenko, N.  Yakovleva, A.                                                                                           | KITAP/EK | International Journal of Modern Education and Computer Science | Article        | Gold             |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------|---------|------------|
| 13 | Comparative Reliability Analysis of Unmanned Aerial Vehicle Swarm Based on Mathematical Models of Binary-State and Multi-State Systems               | Zaitseva, E.  Mukhamediev, R.  Levashenko, V.  Kovalenko, A.  Kvassay, M.  Kuchin, Y.  Symagulov, A.  Oksenenko, A.  Sultanova, Z.  Zhaxymbayev, D. | EOM  | Electronics (Switzerland)                                                        | Article | Gold       |
| 14 | Basic Approaches for Reducing Power Consumption in Finite State Machine Circuits—A Review                                                            | Barkalov, A.  Titarenko, L.  Bieganski, J.  Krzywicki, K.                                                                                           | IKI  | Applied Sciences (Switzerland)                                                   | Review  | Gold Green |
| 15 | A SAR Multiple RFI Suppression Method via Frobenius Norm and Iterative Matrix Decomposition                                                          | Guo, Q.  Tian, Y.  Qi, L.  Wang, Y.  Li, D.  Kaliuzhnyi, M.                                                                                         | IMI  | IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing | Article | Gold       |
| 16 | Evaluation of Traffic Engineering Routing Models Based on Type of Service in Communication Networks                                                  | Barkalov, A.  Lemeshko, O.  Persikov, A.  Yermenko, O.  Titarenko, L.                                                                               | IKI  | Electronics (Switzerland)                                                        | Article | Gold       |
| 17 | Anomaly Detection in Fractal Time Series with LSTM Autoencoders                                                                                      | Kirichenko, L.  Koval, Y.  Yakovlev, S.  Chumachenko, D.                                                                                            | ШИ   | Mathematics                                                                      | Article | Gold       |
| 18 | Boundary element method for hypersingular integral equations: Implementation and applications in potential theory                                    | Strelnikova, E.  Choudhary, N.  Degtyariv, K.  Kriutchenko, D.  Vierushkin, I.                                                                      | ПМ   | Engineering Analysis with Boundary Elements                                      | Article |            |
| 19 | Hardware-Based Implementation of Algorithms for Data Replacement in Cache Memory of Processor Cores                                                  | Titarenko, L.  Kharchenko, V.  Puidenko, V.  Perepelitsyn, A.  Barkalov, A.                                                                         | IKI  | Computers                                                                        | Article | Gold       |
| 20 | Importance of diffusional constraints for the quantitative evaluation of calibration curves of enzymatic micro- and nanoelectrochemical sensors      | Dannaoui, R.  Yang, X.-K.  Huang, W.-H.  Svir, I.  Amatore, C.  Oleinick, A.                                                                        | АПOT | Electrochimica Acta                                                              | Article |            |
| 21 | Adaptive detectors for mismatched subspace target in clutter with lognormal texture                                                                  | Guo, Q.  Liu, L.  Huang, S.  Kaliuzhnyi, M.  Tuz, V.                                                                                                | IMI  | Digital Signal Processing: A Review Journal                                      | Article |            |
| 22 | Wireless single-electrode electrochemiluminescence device based on wireless reverse charging or on-the-go USB transmission for multiplex analysis    | Meng, C.  Snizhko, D.V.  Zholudov, Y.T.  Zhang, W.  Guan, Y.  Tian, Y.  Xu, G.                                                                      | БМІ  | Chemical Communications                                                          | Article |            |
| 23 | A Radar Signal Deinterleaving Method Based on Complex Network and Laplacian Graph Clustering                                                         | Guo, Q.  Huang, S.  Qi, L.  Li, D.  Kaliuzhnyi, M.                                                                                                  | IMI  | IEEE Signal Processing Letters                                                   | Article |            |
| 24 | Improving the Effectiveness of Image Classification Structural Methods by Compressing the Description According to the Information Content Criterion | Daradkeh, Y.I.  Gorokhovatskyi, V.  Tvoroshenko, I.  Zeghid, M.                                                                                     | ИФ   | Computers, Materials and Continua                                                | Article | Gold       |
| 25 | Application a Committee of Kohonen Neural Networks to Training of Image Classifier Based on Description of Descriptors Set                           | Gorokhovatskyi, V.  Tvoroshenko, I.  Yakovleva, O.  Hudakova, M.  Gorokhovatskyi, O.                                                                | ИФ   | IEEE Access                                                                      | Article | Gold       |
| 26 | Interpretable Conversation Routing via the Latent Embeddings Approach                                                                                | Maksymenko, D.  Turuta, O.                                                                                                                          | ПІ   | Computation                                                                      | Article | Gold       |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|------------------------------------------|-----------|------------|
| 27 | Enhanced Input-Doubling Method Leveraging Response Surface Linearization to Improve Classification Accuracy in Small Medical Data Processing  | Izonin, I.  Tkachenko, R.  Yendyk, P.  Pliss, I.  Bodyanskiy, Y.  Gregus, M. | ШІ      | Computation                              | Article   | Gold       |
| 28 | Method for DOA Estimation of Coprime Arrays Through Joint Auxiliary Arrays with Atomic Norm Minimization in the Presence of Gain-Phase Errors | Guo, Q.  Zhao, W.  Qi, L.  Wang, Y.  Mykola, K.  Duplii, S.                  | IMI     | Circuits, Systems, and Signal Processing | Article   |            |
| 29 | Mathematics in Robot Control for Theoretical and Applied Problems                                                                             | Mercorelli, P.  Sergiyenko, O.  Tsymbal, O.                                  | KITAM   | Mathematics                              | Editorial | Gold       |
| 30 | Packing stretched convex polygons in an optimized rectangle                                                                                   | Bennell, J.  Litvinchev, I.  Pankratov, A.  Romanova, T.                     | CT      | Wireless Networks                        | Article   |            |
| 31 | Using a metasurface to enhance the radiation efficiency of subterahertz antennas printed on thick substrates                                  | Yashchyshyn, Y.  Tokarsky, P.                                                | KPICT3I | Scientific Reports                       | Article   | Gold Green |

Data set
Publications at the Kharkiv National University of Radio Electronics that fall within the top 25% journals by CiteScore

Year range
2024

Subject classification
ASJC
Filtered by
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Types of publications included
All publication types
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Data source
Scopus
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31 publications

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**Публікації авторів ХНУРЕ у журналах першого квартилю Q1 БД Scopus у 2025 році  
за версією аналітичного інструменту SciVal**

| № з/п | Назва публікації                                                                                                                                                                    | Автори                                                                                                                                                                                                | Кафедра   | Назва видання                                         | Вид публікації | Відкритий доступ |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------|----------------|------------------|
| 1     | Understanding the skills gap between higher education and industry in the UK in artificial intelligence sector                                                                      | Jaiswal, K.  Kuzminykh, I.  Modgil, S.                                                                                                                                                                | IKI       | Industry and Higher Education                         | Article        | Green            |
| 2     | Remote Monitoring System of Patient Status in Social IoT Environments Using Amazon Web Services Technologies and Smart Health Care                                                  | Abu-Jassar, A.T.  Attar, H.  Amer, A.  Lyashenko, V.  Yevsieiev, V.  Solyman, A.                                                                                                                      | KITAP/MCT | International Journal of Crowd Science                | Article        | Gold             |
| 3     | Self-sustained oscillations of a magnetic track brake frame                                                                                                                         | Avramov, K.  Ebner, B.  Edelmann, J.  Mikhlin, Y.V.  Uspensky, B.                                                                                                                                     | CT        | Nonlinear Dynamics                                    | Article        |                  |
| 4     | Development and Investigation of Vision System for a Small-Sized Mobile Humanoid Robot in a Smart Environment                                                                       | Abu-Jassar, A.T.  Attar, H.  Amer, A.  Lyashenko, V.  Yevsieiev, V.  Solyman, A.                                                                                                                      | KITAP/MCT | International Journal of Crowd Science                | Article        | Gold             |
| 5     | GLS: A hybrid deep learning model for radar emitter signal sorting                                                                                                                  | Qi, L.  Chen, H.  Guo, Q.  Huang, S.  Kaliuzhnyi, M.                                                                                                                                                  | IMI       | Digital Signal Processing: A Review Journal           | Article        |                  |
| 6     | Mn3O4 Nanocrystal-Induced Eryptosis Features Ca2+ Overload, ROS and RNS Accumulation, Calpain Activation, Recruitment of Caspases, and Changes in the Lipid Order of Cell Membranes | Kot, Y.  Prokopiuk, V.  Klochkov, V.  Tryfonyuk, L.  Maksimchuk, P.  Aslanov, A.  Kot, K.  Avrunin, O.  Demchenko, L.  Kurmangaliyeva, S.  Onishchenko, A.  Yefimova, S.  Havranek, O.  Tkachenko, A. | БМІ       | International Journal of Molecular Sciences           | Article        | Gold Green       |
| 7     | Adaptive polarimetric persymmetric detection for distributed subspace targets in lognormal texture clutter                                                                          | Liu, L.  Guo, Q.  Tian, Y.  Kaliuzhnyi, M.  Tuz, V.                                                                                                                                                   | IMI       | Digital Signal Processing: A Review Journal           | Article        |                  |
| 8     | Determination of Porosity and Moisture Content of Granular Activated Carbon Using Sub-Thz Ellipsometry                                                                              | Haluza, O.  Kolenov, I.  Sokolenko, V.  Lytvynenko, V.  Gruzdo, I.                                                                                                                                    | ПІ        | Journal of Infrared, Millimeter, and Terahertz Waves  | Article        |                  |
| 9     | Aerobic oxidation catalyst vanadyl acetylacetonate boosts luminol chemiluminescence for sensitive detection of alkaline phosphatase and ascorbic acid                               | Zhang, W.  Chen, Y.  Ji, K.  Dong, Z.  Abdussalam, A.  Zholudov, Y.T.  Gao, W.  Tian, Y.  Xu, G.                                                                                                      | БМІ       | Analytical and Bioanalytical Chemistry                | Article        |                  |
| 10    | Impact of outliers on median-based and mean-based methods for anomalous diffusion exponent estimation                                                                               | Lavrynenko, R.  Kirichenko, L.  Ryabova, N.  Lavrynenko, S.                                                                                                                                           | ШІ        | JPhys Photonics                                       | Article        | Gold             |
| 11    | A Radar Signal Deinterleaving Method Based on Enhanced Sparse Subspace Clustering                                                                                                   | Guo, Q.  Huang, S.  Liu, L.-C.  Kaliuzhnyi, M.  Douplii, S.                                                                                                                                           | IMI       | IEEE Transactions on Aerospace and Electronic Systems | Article        |                  |
| 12    | Policy recommendations for building a circular Ukraine                                                                                                                              | Kolupaieva, I.  Lindahl, M.                                                                                                                                                                           | KITAP     | Journal of Cleaner Production                         | Review         |                  |
| 13    | Nonlinear Multidomain Model for Nerve Bundles with Random Structure                                                                                                                 | Pettersson, I.  Rybalko, A.  Rybalko, V.                                                                                                                                                              | ПМ        | SIAM Journal on Mathematical Analysis                 | Article        |                  |
| 14    | Smart City: Information-Analytical Developing Model (The Case of the Visegrad Region)                                                                                               | Fesenko, T.  Avdiushchenko, A.  Fesenko, G.                                                                                                                                                           | EOM       | Sustainability (Switzerland)                          | Article        | Gold             |
| 15    | Improving Temporal Characteristics of Mealy FSM with Composite State Codes                                                                                                          | Barkalov, A.  Titarenko, L.  Krzywicki, K.  Saburova, S.                                                                                                                                              | IKI       | Electronics (Switzerland)                             | Article        | Gold             |

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|----|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|---------|-------------|
| 16 | A Model-Based Heuristic for Packing Soft Rotated Rectangles in an Optimized Convex Container with Prohibited Zones                     | Melashenko, O.  Romanova, T.  Litvinchev, I.  Martínez Gomez, C.G.  Yang, R.  Sun, B.                                                                                                                                                                              | CT    | Mathematics                                             | Article | Gold        |
| 17 | Continuous Maximum Coverage Location Problem with Arbitrary Shape of Service Areas and Regional Demand                                 | Yakovlev, S.  Shekhovtsov, S.  Kirichenko, L.  Matsyi, O.  Podzeha, D.  Chumachenko, D.                                                                                                                                                                            | ШІ/CT | Symmetry                                                | Article | Gold        |
| 18 | 3D coordinate sensing with nonsmooth friction dynamical discontinuities compensation in laser scanning system                          | Sergiyenko, O.  Núñez-López, J.A.  Tyrsa, V.  Alaniz-Plata, R.  Pérez-Landeros, O.M.  Selpúlveda-Valdez, C.  Flores-Fuentes, W.  Rodríguez-Quirón, J.C.  Murrieta-Rico, F.N.  Kartashov, V.  Kolendovska, M.                                                       | MIPEC | Mechatronics                                            | Article | Hybrid gold |
| 19 | Shell-like structures interacting with liquids and their applications                                                                  | Choudhary, N.  Degtyarev, K.  Kriutchenko, D.  Gnitko, V.  Strelnikova, E.                                                                                                                                                                                         | ПМ    | ZAMM Zeitschrift für Angewandte Mathematik und Mechanik | Article |             |
| 20 | RCMFDUN: Deep unfolding network with range-nullspace decomposition and multi-scale feature fusion for high-fidelity compressed sensing | Guo, Q.  Li, S.  Li, T.  Tian, Y.  Kaliuzhnyi, M.                                                                                                                                                                                                                  | IMI   | Neurocomputing                                          | Article |             |
| 21 | Efficient and Accurate Single-Snapshot DOA Estimation for Massive ULA via Enhanced ApFFT                                               | Qi, L.  He, J.  Guo, Q.  Liu, L.  Kaliuzhnyi, M.                                                                                                                                                                                                                   | IMI   | Circuits, Systems, and Signal Processing                | Article |             |
| 22 | Ensemble-Based Correction for Anomalous Diffusion Exponent Estimation in Single-Particle Tracking                                      | Lavrynenko, R.  Kirichenko, L.  Yakovlev, S.  Lavrynenko, S.  Ryabova, N.                                                                                                                                                                                          | ШІ    | Applied Sciences (Switzerland)                          | Article |             |
| 23 | Optimization of the Sparse Array with Enhanced Degrees of Freedom and Low Mutual Coupling                                              | Qi, L.  Zhang, Y.  Guo, Q.  Wang, Y.  Mykola, K.  Qi, B.                                                                                                                                                                                                           | IMI   | Circuits, Systems, and Signal Processing                | Article |             |
| 24 | Integrated Model for Intelligent Monitoring and Diagnostics of Animal Health Based on IoT Technology for the Digital Farm              | Semenov, S.  Karlov, D.  Solecki, M.  Ruban, I.  Kovalenko, A.  Piskarov, O.                                                                                                                                                                                       | EOM   | Sustainability (Switzerland)                            | Article | Gold        |
| 25 | Modified Neuro-Fuzzy System for Online Classification of Wind Turbine Blade Defects                                                    | Dubchak, L.  Bodyanskiy, Y.  Sachenko, A.  Wolff, C.  Vivchar, N.  Vasylyuk, N.                                                                                                                                                                                    | ШІ    | IEEE Access                                             | Article | Gold        |
| 26 | Enhancing 3D coordinate measurements in laser scanner by friction compensation                                                         | Sergiyenko, O.  Núñez-López, J.A.  Tyrsa, V.  Alaniz-Plata, R.  Pérez-Landeros, O.M.  Lopez-Medina, F.  Flores-Fuentes, W.  Rodríguez-Quirón, J.C.  Alba-Corpus, I.Y.  Murrieta-Rico, F.N.  Kaspariants, A.  Kartashov, V.  Kolendovska, M.  Selpulveda-Valdez, C. | MIPEC | Precision Engineering                                   | Article |             |
| 27 | Transforming Group Codes in Mealy Finite State Machines with Composite State Codes                                                     | Barkalov, A.  Titarenko, L.  Mielcarek, K.                                                                                                                                                                                                                         | IKI   | Applied Sciences (Switzerland)                          | Article | Gold        |
| 28 | A Multi-View Attention Hypergraph Neural Network for Radar Emitter Signal Sorting                                                      | Chen, H.  Qi, L.  Guo, Q.  Kaliuzhnyi, M.                                                                                                                                                                                                                          | IMI   | IEEE Signal Processing Letters                          | Article |             |
| 29 | Synthesis of sparse linear array using IFT-inflating deflating exploration algorithm                                                   | Guo, Q.  Liu, T.  Li, D.  Huang, S.  Kaliuzhnyi, M.                                                                                                                                                                                                                | IMI   | Digital Signal Processing: A Review Journal             | Article |             |
| 30 | PT -symmetric mapping of three states and its implementation on a cloud quantum processor                                              | Balytskyi, Y.  Kotukh, Y.  Khalimov, G.  Chang, S.-Y.                                                                                                                                                                                                              | BIT   | Quantum                                                 | Article | Gold        |

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|----|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------|---------------------------------------------------------|------------------|--------|
| 31 | Image Description Compression in Classification Structural Methods                                                               | Gorokhovatskyi, V.  Tvoroshenko, I.  Yakovleva, O.  Hudakova, M.              | IHΦ    | IEEE Access                                             | Article          | Gold   |
| 32 | Dynamic instability of composite sandwich joined conical–cylindrical shell interacting with supersonic gas stream                | Uspensky, B.  Avramov, K.  Salenko, A.  Nikonov, O.                           | CT     | ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik | Article          | Bronze |
| 33 | A single-electrode system for ZIF-67 enhanced luminol electrochemiluminescence detection of AQP4 antibody                        | Eticha, T.  Zhu, M.  Dong, Z.  Abbas, F.  Liu, H.  Muzyka, K.  Ma, D.  Xu, G. | EMI    | Sensors and Actuators B: Chemical                       | Article          |        |
| 34 | Geometrically nonlinear oscillations of composite sandwich cylindrical shell with honeycomb core under axial time periodic force | Uspensky, B.  Avramov, K.  Malyshev, S.  Nikonov, O.                          | CT     | International Journal of Non-Linear Mechanics           | Article          |        |
| 35 | Detection of Small Targets in Sea Clutter Using Dual-Polarization Correlation Features and One-Class Classifier                  | Liu, L.  Guo, Q.  Huang, S.  Kaliuzhnyi, M.                                   | IMI    | IEEE Geoscience and Remote Sensing Letters              | Article          |        |
| 36 | Improving procedures for evaluating expanded uncertainty at measuring instruments calibrating                                    | Zakharov, I.  Botsiura, O.                                                    | MTE/BM | Measurement: Sensors                                    | Conference Paper | Gold   |
| 37 | Deep Learning-Based NLOS Identification of UWB Signals                                                                           | Qi, L.  Zhao, Y.  Guo, Q.  Kaliuzhnyi, M.  Wang, E.                           | IMI    | IEEE Signal Processing Letters                          | Article          |        |
| 38 | Infrared Dim and Small Target Detection Based on Robust CUR Decomposition                                                        | Guo, Q.  Wu, A.  Kaliuzhnyi, M.  Tuz, V.                                      | IMI    | IEEE Geoscience and Remote Sensing Letters              | Article          |        |

Data set

Publications at the Kharkiv National University of Radio Electronics that fall within the top 25% journals by CiteScore

Year range

**2025**

Subject classification

ASJC

Filtered by

not filtered

Types of publications included

All publication types

Self-citations

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Data source

Scopus

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**38 publications**

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