



## ТОП-10

статей дослідників ХНУРЕ  
з найбільшою кількістю переглядів на ScienceDirect  
за серпень

**Data Set** Most viewed publications published by authors from KhNURE  
**Entity** Kharkiv National University of Radio Electronics  
**Date Range** August  
**Publications included** Published last 5 years  
**Data Source** ScienceDirect

| No | Title                                                                                                                             | Authors              | Year | Journal                                | Downloads |
|----|-----------------------------------------------------------------------------------------------------------------------------------|----------------------|------|----------------------------------------|-----------|
| 1  | Potentiostat design keys for analytical applications<br><a href="#">View</a>                                                      | D. Snizhko et al.    | 2023 | Journal of Electroanalytical Chemistry | 107       |
| 2  | Brainwave-based authentication using features fusion<br><a href="#">View</a>                                                      | I. Kuzminykh et al.  | 2023 | Computers & Security                   | 39        |
| 3  | CoLiTecVS software for the automated reduction of photometric observations in CCD-frames<br><a href="#">View</a>                  | V. Savanevych et al. | 2022 | Astronomy and Computing                | 30        |
| 4  | A single-electrode system for ZIF-67 enhanced luminol electrochemiluminescence detection of AQP4 antibody<br><a href="#">View</a> | K. Muzyka et al.     | 2025 | Sensors and Actuators B: Chemical      | 26        |

|    |                                                                                                                                                          |                      |      |                                               |           |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------|-----------------------------------------------|-----------|
| 5  | Resilient cloud cluster with DevSecOps security model, automates a data analysis, vulnerability search and risk calculation<br><a href="#">View</a>      | T. Radivilova et al. | 2024 | Alexandria Engineering Journal                | <b>20</b> |
| 6  | Hyper-flexible Convolutional Neural Networks based on Generalized Lehmer and Power Means<br><a href="#">View</a>                                         | V. Terziyan et al.   | 2022 | Neural Networks                               | <b>16</b> |
| 7  | DNA at conductive interfaces: What can atomic force microscopy offer?<br><a href="#">View</a>                                                            | K. Muzyka et al.     | 2023 | Journal of Electroanalytical Chemistry        | <b>43</b> |
| 8  | 3D coordinate sensing with nonsmooth friction dynamical discontinuities compensation in laser scanning system<br><a href="#">View</a>                    | O. Sergiyenko et al. | 2025 | Mechatronics                                  | <b>15</b> |
| 9  | The information system concept for thermal monitoring of a spent nuclear fuel storage container<br><a href="#">View</a>                                  | S. Alyokhina et al.  | 2023 | Nuclear Engineering and Technology            | <b>12</b> |
| 10 | Geometrically nonlinear oscillations of composite sandwich cylindrical shell with honeycomb core under axial time periodic force<br><a href="#">View</a> | K. Avramov et al.    | 2025 | International Journal of Non-Linear Mechanics | <b>11</b> |