

CNN-Transformer Hybrid Model Towards Automated Droplet Image Quality Assessment of Portable Imaging Flow Cytometer

Afrin, Fariha; Ndubuisi Ezechukwu, Dismas; **Le Moullec, Yannick**; **Pardy, Tamas**; **Rang, Toomas**; **Koel, Ants** IEEE EUROCON 2025 - 21st International Conference on Smart Technologies 2025 / 6 p <https://doi.org/10.1109/EUROCON64445.2025.11073334>

Microfluidic Droplet Detection, Classification and Quality Assessment for Embedded Flow Cytometry Systems = Tilkade tuvastamine mikrofluidikas, nende klassifitseerimine ja kvaliteedi hindamine sardsetes voolutsütomeetria süsteemides

Afrin, Fariha 2025 https://www.ester.ee/record=b5758191*est <https://digikogu.taltech.ee/et/Item/fa72df11-6487-4314-bd3d-5a7b1f5a263e>
<https://doi.org/10.23658/taltech.57/2025>

Multiparameter flow cytometry in haematological malignancies

Laane, Edward 2011

Optical detection methods for high-throughput fluorescent droplet microflow cytometry

Pärnamets, Kaiser; **Pardy, Tamas**; **Koel, Ants**; **Rang, Toomas**; **Scheler, Ott**; **Le Moullec, Yannick**; **Afrin, Fariha**

Micromachines 2021 / art. 345, 20 p. : ill <https://doi.org/10.3390/mi12030345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parallel assessment of marine autotrophic picoplankton using flow cytometry and chemotaxonomy

Tamm, Marju; **Laas, Peeter**; Freiberg, Rene; Nõges, Peeter; Nõges, Tiina Science of the total environment 2018 / p. 185–193 : ill
<https://doi.org/10.1016/j.scitotenv.2017.12.234>