

**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://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

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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>