

Paper Performance

2024 - Understanding organotropism in cancer metastasis using microphysiological systems - [LAB ON A CHIP]

2024 - Angio-Net: deep learning-based label-free detection and morphometric analysis of in vitro angiogenesis - [LAB ON A CHIP]

2024 - Patient-Derived Microphysiological Systems for Precision Medicine - [ADVANCED HEALTHCARE MATERIALS]

2024 - Vascularized tissue on mesh-assisted platform (VT-MAP): a novel approach for diverse organoid size culture and tailored cancer drug response analysis - [LAB ON A CHIP]

2024 - Revealing the clinical potential of high-resolution organoids - [ADVANCED DRUG DELIVERY REVIEWS]

2023 - Machine Learning-Aided Three-Dimensional Morphological Quantification of Angiogenic Vasculature in the Multiculture Microfluidic Platform - [BIOCHIP JOURNAL]

2023 - Patient-derived exosomes facilitate therapeutic targeting of oncogenic MET in advanced gastric cancer - [Science Advances]

2022 - A guide to the organ-on-a-chip - [NATURE REVIEWS METHODS PRIMERS]

2022 - All-in-one microfluidic design to integrate vascularized tumor spheroid into high-throughput platform - [BIOTECHNOLOGY AND BIOENGINEERING]

2022 - Vascularization of iNSC spheroid in a 3D spheroid-on-a-chip platform enhances neural maturation - [BIOTECHNOLOGY AND BIOENGINEERING]

2022 - MET gene alterations predict poor survival following chemotherapy in patients with advanced cancer - [PATHOLOGY & ONCOLOGY RESEARCH]

2022 - Engineering Organ-on-a-Chip to Accelerate Translational Research - [MICROMACHINES]

2022 - 3D micromesh-based hybrid bioprinting: multidimensional liquid patterning for 3D microtissue engineering - [NPG ASIA MATERIALS]