

Paper Performance

2023 - Nanogap traps for passive bacterial concentration and single-point confocal Raman spectroscopy - [BIOMICROFLUIDICS]

2023 - Patterning Techniques in Coplanar Micro/Nano Capacitive Sensors - [MICROMACHINES]

2022 - Microfluidic vortex focusing for high throughput synthesis of size-tunable liposomes - [NATURE COMMUNICATIONS]

2021 - Plasma Isolation in a Syringe by Conformal Integration of Inertial Microfluidics - [ANNALS OF BIOMEDICAL ENGINEERING]

2021 - In situ photografting during direct laser writing in thermoplastic microchannels - [SCIENTIFIC REPORTS]

Patent Performance

2024 - Integration of Porous Monolithic Structures within Microfluidic Systems - [null]

2023 - Nanoparticle synthesis systems and methods employing vortex flow focusing - [University of Maryland]