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[Liang Dong](#)

Iowa State University, USA

HIGH-THROUGHPUT PHENOTYPING OF MORPHOLOGICAL TRAITS AND NUTRIENT UPTAKE OF PLANTS USING MICROFLUIDIC DEVICES



[Wenchuang "Walter" Hu](#)

University of Texas, Dallas, USA

SERPENTINE SI NANOWIRE BIOSENSOR FOR DIGITAL SENSING OF SINGLE VIRUS



[Greg Nordin](#)

Brigham Young University, USA

MINIATURIZING 3D PRINTED MICROFLUIDICS



[Sindy K.Y. Tang](#)

Stanford University, USA

A MICROFLUIDIC GUILLOTINE FOR SINGLE-CELL WOUND REPAIR STUDIES



[Anne Marion Taylor](#)

University of North Carolina, Chapel Hill, USA

ENGINEERED MICROSYSTEMS FOR INVESTIGATING NEURONAL NETWORK RESPONSE TO AXON DAMAGE



[Catherine Villard](#)

Institut Curie, FRANCE

A GEOMETRICAL APPROACH OF AXO-DENDRITIC POLARITY AND NEURONAL CONNECTIVITY



[Tza-Huei "Jeff" Wang](#)

Johns Hopkins University, USA

ALL-IN-ONE DROPLET MICROFLUIDICS FOR MOLECULAR DIAGNOSTICS



[Paul Yager](#)

University of Washington, USA

LOW-COST DISPOSABLE POINT-OF-CARE DEVICES BASED ON POROUS MATERIALS FOR RAPID DETECTION OF PATHOGENS



[Chaoyong Yang](#)

Xiamen University, CHINA

DROPLET MICROFLUIDICS FOR CIRCULATING TUMOR CELL ANALYSIS

