

Continuous-flow sheathless diamagnetic particle separation in ferrofluids Yilong Zhou and Xiangchun Xuan





• Sheath fluid were used in the particle separations to pre-focus the





Acknowledgement: This work was supported by NSF under grant CBET-1150670. The copyright of photos in section 1 and 2.

Department of Mechanical Engineering, Clemson University, Clemson, SC 29634-0921

Reference: Liang, Litao, and Xiangchun Xuan. "Continuous sheath-free magnetic separation of particles in a U-shaped microchannel." Biomicrofluidics 6.4 (2012): 044106.

