



Suzanne Grace Calhoun

Science and Engineering Associate 1, Pediatrics - Cardiology

Publications

PUBLICATIONS

- **Design automation of microfluidic single and double emulsion droplets with machine learning.** *Nature communications*
Lashkaripour, A., McIntyre, D. P., Calhoun, S. G., Krauth, K., Densmore, D. M., Fordyce, P. M.
2024; 15 (1): 83
- **Systematic characterization of effect of flow rates and buffer compositions on double emulsion droplet volumes and stability.** *Lab on a chip*
Calhoun, S. G., Brower, K. K., Suja, V. C., Kim, G., Wang, N., McCully, A. L., Kusumaatmaja, H., Fuller, G. G., Fordyce, P. M.
2022
- **Double Emulsion Picoreactors for High-Throughput Single-Cell Encapsulation and Phenotyping via FACS.** *Analytical chemistry*
Brower, K. K., Khariton, M., Suzuki, P. H., Still, C. Z., Kim, G., Calhoun, S. G., Qi, L. S., Wang, B., Fordyce, P. M.
2020
- **Double emulsion flow cytometry with high-throughput single droplet isolation and nucleic acid recovery.** *Lab on a chip*
Brower, K. K., Carswell-Crumpton, C., Klemm, S., Cruz, B., Kim, G., Calhoun, S. G., Nichols, L., Fordyce, P. M.
2020