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Ph.D. Student in Mechanical Engineering, admitted Spring 2022

Publications

PUBLICATIONS

- **Stream lamination and rapid mixing in a microfluidic jet for X-ray spectroscopy studies** *FLOW*
Huyke, D. A., Avaro, A. S., Kroll, T., Santiago, J. G.
2023; 3
- **A critical review of microfluidic systems for CRISPR assays.** *Lab on a chip*
Avaro, A. S., Santiago, J. G.
2023
- **Uncertainty Quantification of Michaelis-Menten Kinetic Rates and Its Application to the Analysis of CRISPR-Based Diagnostics.** *Angewandte Chemie (International ed. in English)*
Avaro, A. S., Santiago, J. G.
2022
- **Web-Based Open-Source Tool for Isotachophoresis.** *Analytical chemistry*
Avaro, A. S., Sun, Y., Jiang, K., Bahga, S. S., Santiago, J. G.
2021
- **Detection and Discrimination of Single Nucleotide Polymorphisms by Quantification of CRISPR-Cas Catalytic Efficiency.** *Analytical chemistry*
Blanluet, C., Huyke, D. A., Ramachandran, A., Avaro, A. S., Santiago, J. G.
2022