

# Thermally controlled microfluidic back pressure regula

Scientific Reports

12, 569

DOI: [10.1038/s41598-021-04320-6](https://doi.org/10.1038/s41598-021-04320-6)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Microfluidic active pressure and flow stabiliser. Scientific Reports, 2021, 11, 22504.	3.3	10
2	Versatile and Low-Cost Fabrication of Modular Lock-and-Key Microfluidics for Integrated Connector Mixer Using a Stereolithography 3D Printing. Micromachines, 2022, 13, 1197.	2.9	2
3	Recent advances and challenges in temperature monitoring and control in microfluidic devices. Electrophoresis, 2023, 44, 268-297.	2.4	10
4	Coupling microchip pressure regulators with chipHPLC as a step toward fully portable analysis system. Sensors and Actuators B: Chemical, 2023, 385, 133732.	7.8	4
5	In-line small high-pressure sensors in anodically bonded microfluidic restrictors. Sensors and Actuators A: Physical, 2023, 356, 114345.	4.1	1
6	High-temperature ultrafast ChipHPLC-MS. Analytical and Bioanalytical Chemistry, 0, , .	3.7	0
7	Portable high-pressure pump system for HPLC combining pressurized gas and on-chip pressure regulation. Sensors and Actuators A: Physical, 2024, 371, 115286.	4.1	0