Direct digital manufacturing of a mini-centrifuge-drive and demonstration of a smartphone-based colorimetric assay

Analytical Methods 8, 256-262 DOI: 10.1039/c5ay01969a

Citation Report

#	Article	IF	CITATIONS
1	Direct digital manufacturing of autonomous centrifugal microfluidic device. Japanese Journal of Applied Physics, 2016, 55, 06GN02.	1.5	7
2	Point-of-care testing: applications of 3D printing. Lab on A Chip, 2017, 17, 2713-2739.	6.0	122
3	Mobile-Phone Based Chemical Analysis - Instrumental Innovations and Smartphone Apps. Modern Chemistry & Applications, 2017, 05, .	0.2	3
4	Advantages, Disadvantages and Modifications of Conventional ELISA. SpringerBriefs in Applied Sciences and Technology, 2018, , 67-115.	0.4	50
5	Disk-based enzyme-linked immunosorbent assays using the liquid-aliquoting and siphoning-evacuation technique. Biomicrofluidics, 2018, 12, 054101.	2.4	9
6	The modern role of smartphones in analytical chemistry. TrAC - Trends in Analytical Chemistry, 2019, 118, 548-555.	11.4	137
7	Digital Manufacturing for Microfluidics. Annual Review of Biomedical Engineering, 2019, 21, 325-364.	12.3	70
8	Smartphone-based medical diagnostics with microfluidic devices. , 2020, , 103-128.		2
9	A microfluidic circuit consisting of individualized components with a 3D slope valve for automation of sequential liquid control. Lab on A Chip, 2020, 20, 4433-4441.	6.0	8
9 10	A microfluidic circuit consisting of individualized components with a 3D slope valve for automation of sequential liquid control. Lab on A Chip, 2020, 20, 4433-4441. Functional 3D printing: Approaches and bioapplications. Biosensors and Bioelectronics, 2021, 175, 112849.	6.0 10.1	8
9 10 11	A microfluidic circuit consisting of individualized components with a 3D slope valve for automation of sequential liquid control. Lab on A Chip, 2020, 20, 4433-4441. Functional 3D printing: Approaches and bioapplications. Biosensors and Bioelectronics, 2021, 175, 112849. Review of 3D-Printed functionalized devices for chemical and biochemical analysis. Analytica Chimica Acta, 2021, 1158, 338348.	6.0 10.1 5.4	8 83 28
9 10 11 12	A microfluidic circuit consisting of individualized components with a 3D slope valve for automation of sequential liquid control. Lab on A Chip, 2020, 20, 4433-4441.Functional 3D printing: Approaches and bioapplications. Biosensors and Bioelectronics, 2021, 175, 112849.Review of 3D-Printed functionalized devices for chemical and biochemical analysis. Analytica Chimica Acta, 2021, 1158, 338348.Smartphone based immunosensors as next generation of healthcare tools: Technical and analytical overview towards improvement of personalized medicine. TrAC - Trends in Analytical Chemistry, 2021, 145, 116455.	6.0 10.1 5.4 11.4	8 83 28 48
9 10 11 12 13	A microfluidic circuit consisting of individualized components with a 3D slope valve for automation of sequential liquid control. Lab on A Chip, 2020, 20, 4433-4441.Functional 3D printing: Approaches and bioapplications. Biosensors and Bioelectronics, 2021, 175, 112849.Review of 3D-Printed functionalized devices for chemical and biochemical analysis. Analytica Chimica Acta, 2021, 1158, 338348.Smartphone based immunosensors as next generation of healthcare tools: Technical and analytical overview towards improvement of personalized medicine. TrAC - Trends in Analytical Chemistry, 2021, 145, 116455.Biomedical Applications. , 2022, , 155-189.	6.0 10.1 5.4 11.4	8 83 28 48 0
9 10 11 12 13 14	A microfluidic circuit consisting of individualized components with a 3D slope valve for automation of sequential liquid control. Lab on A Chip, 2020, 20, 4433-4441.Functional 3D printing: Approaches and bioapplications. Biosensors and Bioelectronics, 2021, 175, 112849.Review of 3D-Printed functionalized devices for chemical and biochemical analysis. Analytica Chimica Acta, 2021, 1158, 338348.Smartphone based immunosensors as next generation of healthcare tools: Technical and analytical overview towards improvement of personalized medicine. TrAC - Trends in Analytical Chemistry, 2021, 145, 116455.Biomedical Applications. , 2022, , 155-189.Role of 3D printing in microfluidics and applications. , 2024, , 67-107.	6.0 10.1 5.4 11.4	8 83 28 48 0

15 applications. Green Chemistry, 2024, 26, 3776-3785.