Anle Ge

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9460680/publications.pdf

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15	239	1039406	996533
papers	citations	9	15
		h-index	g-index

15	15	15	258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid Metal Initiator of Ringâ€Opening Polymerization: Selfâ€Capsulation into Thermal/Photomoldable Powder for Multifunctional Composites. Advanced Materials, 2020, 32, e2003553.	11.1	58
2	Highly efficient microfluidic sorting device for synchronizing developmental stages of C. elegans based on deflecting electrotaxis. Lab on A Chip, 2015, 15, 2513-2521.	3.1	45
3	Quantitative analysis of Caenorhabditis elegans chemotaxis using a microfluidic device. Analytica Chimica Acta, 2015, 887, 155-162.	2.6	19
4	A Palm Germ-Radar (PaGeR) for rapid and simple COVID-19 detection by reverse transcription loop-mediated isothermal amplification (RT-LAMP). Biosensors and Bioelectronics, 2022, 200, 113925.	5.3	19
5	Real-time monitoring of immune responses under pathogen invasion and drug interference by integrated microfluidic device coupled with worm-based biosensor. Biosensors and Bioelectronics, 2018, 110, 233-238.	5.3	18
6	Profile analysis of C. elegans rheotaxis behavior using a microfluidic device. Lab on A Chip, 2019, 19, 475-483.	3.1	17
7	Logarithmic bacterial gradient chip for analyzing the effects of dietary restriction on C. elegans growth. Sensors and Actuators B: Chemical, 2018, 255, 735-744.	4.0	15
8	A microfluidic microfilter chip driven by electrotaxis and fluid flow for size-dependent C. elegans sorting with high purity and efficiency. Sensors and Actuators B: Chemical, 2018, 260, 311-319.	4.0	11
9	An on-demand gas segmented flow generator with high spatiotemporal resolution for in vivo analysis of neuronal response in C. elegans. Lab on A Chip, 2016, 16, 4020-4027.	3.1	9
10	A fully integrated hand-powered centrifugal microfluidic platform for ultra-simple and non-instrumental nucleic acid detection. Talanta, 2020, 219, 121221.	2.9	8
11	Rapid generation of hybrid biochemical/mechanical cues in heterogeneous droplets for high-throughput screening of cellular responses. Lab on A Chip, 2021, 21, 2691-2701.	3.1	8
12	An integrated microfluidic device for studying controllable gas embolism induced cellular responses. Talanta, 2020, 208, 120484.	2.9	3
13	A dual-stimulation strategy in a micro-chip for the investigation of mechanical associative learning behavior of C. elegans. Talanta, 2020, 215, 120900.	2.9	3
14	A low-cost microfluidic platform coupled with light emitting diode for optogenetic analysis of neuronal response in C. elegans. Talanta, 2021, 223, 121646.	2.9	3
15	A novel on-chip immobilization strategy for imaging analysis of neuronal response to gas cues in C. elegans. Sensors and Actuators B: Chemical, 2017, 244, 1152-1159.	4.0	3