Kamalalayam Rajan Sreejith

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10682966/publications.pdf

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24	626	567281 15	610901 24
papers	citations	h-index	g-index

24	24	24	582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of liquid marble shell using Xâ€ray: shell thickness and effective surface tension. ChemNanoMat, 2022, 8, .	2.8	4
2	Noninvasive refilling of liquid marbles with water for microfluidic applications. Applied Physics Letters, 2022, 120, .	3.3	3
3	Controllable high-performance liquid marble micromixer. Lab on A Chip, 2022, 22, 1508-1518.	6.0	15
4	Effect of Core Liquid Surface Tension on the Liquid Marble Shell. Advanced Materials Interfaces, 2021, 8, 2001591.	3.7	15
5	Liquid marble-based digital microfluidics â€“ fundamentals and applications. Lab on A Chip, 2021, 21, 1199-1216.	6.0	41
6	Loop-Mediated Isothermal Amplification in a Core-Shell Bead Assay for the Detection of Tyrosine Kinase AXL Overexpression. Micromachines, 2021, 12, 905.	2.9	3
7	A novel RdRp-based colorimetric RT-LAMP assay for rapid and sensitive detection of SARS-CoV-2 in clinical and sewage samples from Pakistan. Virus Research, 2021, 302, 198484.	2.2	24
8	A Portable Device for LAMP Based Detection of SARS-CoV-2. Micromachines, 2021, 12, 1151.	2.9	8
9	Critical Trapping Conditions for Floating Liquid Marbles. Physical Review Applied, 2020, 13, .	3.8	15
10	Capillarity: revisiting the fundamentals of liquid marbles. Microfluidics and Nanofluidics, 2020, 24, 1.	2.2	28
11	Liquid Marbles as Miniature Reactors for Chemical and Biological Applications. Processes, 2020, 8, 793.	2.8	60
12	Core-Shell Beads as Microreactors for Phylogrouping of E. coli Strains. Micromachines, 2020, 11, 761.	2.9	8
13	Detection of the SARS-CoV-2 humanized antibody with paper-based ELISA. Analyst, The, 2020, 145, 7680-7686.	3.5	62
14	Surfactant-free, UV-curable coreâ€“shell microcapsules in a hydrophilic PDMS microfluidic device. AIP Advances, 2020, 10, .	1.3	10
15	Core-Shell Beads Made by Composite Liquid Marble Technology as A Versatile Microreactor for Polymerase Chain Reaction. Micromachines, 2020, 11, 242.	2.9	31
16	Liquid marbles as biochemical reactors for the polymerase chain reaction. Lab on A Chip, 2019, 19, 3220-3227.	6.0	44
17	Accurate dielectrophoretic positioning of a floating liquid marble with a two-electrode configuration. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	17
18	An automated on-demand liquid marble generator based on electrohydrodynamic pulling. Review of Scientific Instruments, 2019, 90, 055102.	1.3	17

#	Article	IF	Citations
19	Dielectrophoretic Trapping of a Floating Liquid Marble. Physical Review Applied, 2019, 11, .	3.8	24
20	Microfluidic Array Chip for Parallel Detection of Waterborne Bacteria. Micromachines, 2019, 10, 883.	2.9	13
21	Manipulation of a floating liquid marble using dielectrophoresis. Lab on A Chip, 2018, 18, 3770-3779.	6.0	27
22	Digital polymerase chain reaction technology â€“ recent advances and future perspectives. Lab on A Chip, 2018, 18, 3717-3732.	6.0	98
23	Cryoprotectant-Free Freezing of Cells Using Liquid Marbles Filled with Hydrogel. ACS Applied Materials & Interfaces, 2018, 10, 43439-43449.	8.0	23
24	Evaporation dynamics of liquid marbles at elevated temperatures. RSC Advances, 2018, 8, 15436-15443.	3.6	36