

Yuan Gao

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

254
citations

1163117
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g-index

8
all docs

8
docs citations

8
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic Microfluidic Separation Techniques and Bioapplications: A Review. <i>Micromachines</i> , 2020, 11, 921.	2.9	69
2	Acoustic bubble-based bidirectional micropump. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	2.2	44
3	Trapping and control of bubbles in various microfluidic applications. <i>Lab on A Chip</i> , 2020, 20, 4512-4527.	6.0	37
4	Acoustofluidic micromixer on lab-on-a-foil devices. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 312-319.	7.8	32
5	Acoustofluidic stick-and-play micropump built on foil for single-cell trapping. <i>Lab on A Chip</i> , 2019, 19, 3045-3053.	6.0	24
6	Monolayer graphene chemiresistive biosensor for rapid bacteria detection in a microchannel. <i>Sensors and Actuators Reports</i> , 2020, 2, 100004.	4.4	21
7	Acoustic bubble for spheroid trapping, rotation, and culture: a tumor-on-a-chip platform (ABSTRACT) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	6.0	14
8	Study of ultrasound thrombolysis using acoustic bubbles in a microfluidic device. <i>Lab on A Chip</i> , 2021, 21, 3707-3714.	6.0	13