

#	ARTICLE	IF	CITATIONS
1	A microfluidic system utilizing molecularly imprinted polymer films for amperometric detection of morphine. <i>Sensors and Actuators B: Chemical</i> , 2007, 121, 576-582.	7.8	88
2	A suction-type, pneumatic microfluidic device for liquid transport and mixing. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 301-310.	2.2	72
3	Biomedical microdevices synthesis of iron oxide nanoparticles using a microfluidic system. <i>Biomedical Microdevices</i> , 2009, 11, 161-171.	2.8	57
4	Screening of Aptamers on Microfluidic Systems for Clinical Applications. <i>Sensors</i> , 2012, 12, 9514-9529.	3.8	57
5	Synthesis of hexagonal gold nanoparticles using a microfluidic reaction system. <i>Journal of Micromechanics and Microengineering</i> , 2008, 18, 035019.	2.6	51
6	An automatic microfluidic system for rapid screening of cancer stem-like cell-specific aptamers. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 753-765.	2.2	37
7	Preconcentration of diluted mixed-species samples following separation and collection in a microfluidic device. <i>Biomicrofluidics</i> , 2016, 10, 014119.	2.4	30
8	A suction-type microfluidic immunosensing chip for rapid detection of the dengue virus. <i>Biomedical Microdevices</i> , 2011, 13, 585-595.	2.8	25
9	Development and characterization of an all-solid-state potentiometric biosensor array microfluidic device for multiple ion analysis. <i>Lab on A Chip</i> , 2006, 6, 1362.	6.0	24
10	Cancer Cell-Specific Oligopeptides Selected by an Integrated Microfluidic System from a Phage Display Library for Ovarian Cancer Diagnosis. <i>Theranostics</i> , 2015, 5, 431-442.	10.0	24
11	Synthesis of hollow, magnetic Fe/Ga-based oxide nanospheres using a bubble templating method in a microfluidic system. <i>Microfluidics and Nanofluidics</i> , 2009, 7, 841-848.	2.2	13
12	A novel DNA aptamer targeting lung cancer stem cells exerts a therapeutic effect by binding and neutralizing Annexin A2. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 956-968.	5.1	9
13	Preconcentration and Separation of Mixed-Species Samples Near a Nano-Junction in a Convergent Microchannel. <i>Sensors</i> , 2015, 15, 30704-30715.	3.8	6
14	Combating COVID-19 during Airway Management: Validation of a Protection Tent for Containing Aerosols and Droplets. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7245.	2.5	4
15	A Parametric Study for Tensile Properties of Silicone Rubber Specimen Using the Bowden-Type Silicone Printer. <i>Materials</i> , 2022, 15, 1729.	2.9	3
16	Configurable assembly of DNA origami on MEMS by microfluidic device. , 2011, , .		2
17	Synthesis of gold nanoparticles using microfluidic reaction systems. , 2007, , .		1
18	Using micro-reactors to synthesize alloy FeGa ₂ O ₄ ; magnetic nanoparticles. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
19	A suction-type, pneumatic microfluidic device for rapid DNA extraction. , 2011, , .		1
20	A portable platform for the quantification of vitamin D levels by using paper-based microfluidic. , 2018, , .		1
21	Design of Novel Baby Personal Protective Equipment: A Portable IOT-Based Baby Protective Tent. , 2021, , .		0
22	Paper-Based Microfluidics Perform Mixing Effects by Utilizing Planar Constrictedâ€“Expanded Structures to Enhance Chaotic Advection. Sensors, 2022, 22, 1028.	3.8	0