Weng Cheni¼¨i¼³i¼µi¼®

List of Publications by Year
in descending order

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22	506	840776 11	996975 15
papers	citations	h-index	g-index

22	22	22	722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel DNA aptamer targeting lung cancer stem cells exerts a therapeutic effect by binding and neutralizing Annexin A2. Molecular Therapy - Nucleic Acids, 2022, 27, 956-968.	5.1	9
2	Paper-Based Microfluidics Perform Mixing Effects by Utilizing Planar Constrictedâ€“Expanded Structures to Enhance Chaotic Advection. Sensors, 2022, 22, 1028.	3.8	0
3	A Parametric Study for Tensile Properties of Silicone Rubber Specimen Using the Bowden-Type Silicone Printer. Materials, 2022, 15, 1729.	2.9	3
4	Combating COVID-19 during Airway Management: Validation of a Protection Tent for Containing Aerosols and Droplets. Applied Sciences (Switzerland), 2021, 11, 7245.	2.5	4
5	Design of Novel Baby Personal Protective Equipment: A Portable IOT-Based Baby Protective Tent. , 2021, , .		0
6	A portable platform for the quantification of vitamin D levels by using paper-based microfluidic. , 2018, , .		1
7	Preconcentration of diluted mixed-species samples following separation and collection in a microâ€“nanofluidic device. Biomicrofluidics, 2016, 10, 014119.	2.4	30
8	Preconcentration and Separation of Mixed-Species Samples Near a Nano-Junction in a Convergent Microchannel. Sensors, 2015, 15, 30704-30715.	3.8	6
9	Cancer Cell-Specific Oligopeptides Selected by an Integrated Microfluidic System from a Phage Display Library for Ovarian Cancer Diagnosis. Theranostics, 2015, 5, 431-442.	10.0	24
10	An automatic microfluidic system for rapid screening of cancer stem-like cell-specific aptamers. Microfluidics and Nanofluidics, 2013, 14, 753-765.	2.2	37
11	Screening of Aptamers on Microfluidic Systems for Clinical Applications. Sensors, 2012, 12, 9514-9529.	3.8	57
12	Configurable assembly of DNA origami on MEMS by microfluidic device. , 2011, , .		2
13	A suction-type, pneumatic microfluidic device for rapid DNA extraction. , 2011, , .		1
14	A suction-type microfluidic immunosensing chip for rapid detection of the dengue virus. Biomedical Microdevices, 2011, 13, 585-595.	2.8	25
15	A suction-type, pneumatic microfluidic device for liquid transport and mixing. Microfluidics and Nanofluidics, 2011, 10, 301-310.	2.2	72
16	Synthesis of hollow, magnetic Fe/Ga-based oxide nanospheres using a bubble templating method in a microfluidic system. Microfluidics and Nanofluidics, 2009, 7, 841-848.	2.2	13
17	Biomedical microdevices synthesis of iron oxide nanoparticles using a microfluidic system. Biomedical Microdevices, 2009, 11, 161-171.	2.8	57
18	Using micro-reactors to synthesize alloy FeGa<inf>2</inf>O<inf>4</inf> magnetic nanoparticles. , 2009, , .		1

#	Article	IF	Citations
19	Synthesis of hexagonal gold nanoparticles using a microfluidic reaction system. Journal of Micromechanics and Microengineering, 2008, 18, 035019.	2.6	51
20	Synthesis of gold nanoparticles using microfluidic reaction systems. , 2007, , .		1
21	A microfluidic system utilizing molecularly imprinted polymer films for amperometric detection of morphine. Sensors and Actuators B: Chemical, 2007, 121, 576-582.	7.8	88
22	Development and characterization of an all-solid-state potentiometric biosensor array microfluidic device for multiple ion analysis. Lab on A Chip, 2006, 6, 1362.	6.0	24