Mahnoush Tayebi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10638292/publications.pdf

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12	412	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	525
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A lowâ€cost and highâ€throughput benchtop cell sorter for isolating white blood cells from whole blood. Electrophoresis, 2021, 42, 2281-2292.	2.4	5
2	Deterministic Sorting of Submicrometer Particles and Extracellular Vesicles Using a Combined Electric and Acoustic Field. Nano Letters, 2021, 21, 6835-6842.	9.1	50
3	A deep learning approach for designed diffraction-based acoustic patterning in microchannels. Scientific Reports, 2020, 10, 8745.	3.3	40
4	Massively Multiplexed Submicron Particle Patterning in Acoustically Driven Oscillating Nanocavities. Small, 2020, 16, e2000462.	10.0	32
5	Exosome Purification and Analysis Using a Facile Microfluidic Hydrodynamic Trapping Device. Analytical Chemistry, 2020, 92, 10733-10742.	6.5	77
6	Subâ€Micron Particle Trapping: Massively Multiplexed Submicron Particle Patterning in Acoustically Driven Oscillating Nanocavities (Small 17/2020). Small, 2020, 16, 2070095.	10.0	1
7	A MoS₂â€“MWCNT based fluorometric nanosensor for exosome detection and quantification. Nanoscale Advances, 2019, 1, 2866-2872.	4.6	28
8	Submicron Particle Focusing and Exosome Sorting by Wavy Microchannel Structures within Viscoelastic Fluids. Analytical Chemistry, 2019, 91, 4577-4584.	6.5	89
9	A Microfluidic DNA Sensor Based on Three-Dimensional (3D) Hierarchical MoS2/Carbon Nanotube Nanocomposites. Sensors, 2016, 16, 1911.	3.8	20
10	Thioglycolic Acid-Capped CdS Quantum Dots Conjugated to Î±-Amylase as a Fluorescence Probe for Determination of Starch at Low Concentration. Journal of Fluorescence, 2016, 26, 1787-1794.	2.5	21
11	Synthesis, Surface Modification and Optical Properties of Thioglycolic Acid-Capped ZnS Quantum Dots for Starch Recognition at Ultralow Concentration. Journal of Electronic Materials, 2016, 45, 5671-5678.	2.2	21
12	Determination of total aflatoxin using cysteamine-capped CdS quantum dots as a fluorescence probe. Colloid and Polymer Science, 2016, 294, 1453-1462.	2.1	28