

Mahnoush Tayebi

List of Publications by Year in descending order

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

Version: 2024-02-01

12
papers

412
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

525
citing authors

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