

Yanfang Guan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/294422/publications.pdf>

Version: 2024-02-01

10
papers

116
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	A plantar wearable pressure sensor based on hybrid lead zirconate-titanate/microfibrillated cellulose piezoelectric composite films for human health monitoring. <i>Lab on A Chip</i> , 2022, 22, 2376-2391.	6.0	11
2	A novel composite material for flexible wearable devices based on eutectic gallium indium (EGaIn), multi-walled carbon nanotubes (MWCNTs) and polydimethylsiloxane (PDMS). <i>Composite Structures</i> , 2022, 291, 115653.	5.8	10
3	Implementation of hybrid PDMS-graphite/Ag conductive material for flexible electronic devices and microfluidic applications. <i>Microelectronic Engineering</i> , 2021, 235, 111455.	2.4	5
4	Dielectrophoresis Separation of Platelets Using a Novel Zigzag Microchannel. <i>Micromachines</i> , 2020, 11, 890.	2.9	17
5	An integrated platform for fibrinogen quantification on a microfluidic paper-based analytical device. <i>Lab on A Chip</i> , 2020, 20, 2724-2734.	6.0	11
6	Detection and extraction of heavy metal ions using paper-based analytical devices fabricated via atom stamp printing. <i>Microsystems and Nanoengineering</i> , 2020, 6, 14.	7.0	39
7	A hybrid electrically-and-piezoelectrically driven micromixer built on paper for microfluids mixing. <i>Biomedical Microdevices</i> , 2020, 22, 47.	2.8	9
8	Performance Analysis of a Microfluidic Pump Based on Combined Actuation of the Piezoelectric Effect and Liquid Crystal Backflow Effect. <i>Micromachines</i> , 2019, 10, 584.	2.9	6
9	Versatile Microfluidic Mixing Platform for High- and Low-Viscosity Liquids via Acoustic and Chemical Microbubbles. <i>Micromachines</i> , 2019, 10, 854.	2.9	7
10	Microparticle Manipulation Based on the Bulk Acoustic Wave Combined with the Liquid Crystal Backflow Effect Driving in 2D/3D Platforms. <i>ACS Omega</i> , 0, , .	3.5	1