

Fang Yang

List of Publications by Year in descending order

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27
papers

1,004
citations

687220

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526166

27
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27
all docs

27
docs citations

27
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrokinetic mixing of two fluids with equivalent conductivity. Chinese Journal of Chemical Engineering, 2022, 42, 256-260.	1.7	5
2	The Role of Exosomes in Inflammatory Diseases and Tumor-Related Inflammation. Cells, 2022, 11, 1005.	1.8	19
3	Rapid AC Electrokinetic Micromixer with Electrically Conductive Sidewalls. Micromachines, 2022, 13, 34.	1.4	4
4	Biochemical Reaction Acceleration by Electrokinetic Mixing in a Microfluidic Chip. Journal of Physical Chemistry Letters, 2022, 13, 5633-5637.	2.1	6
5	Transition from periodic to chaotic AC electroosmotic flows near electric double layer. AIChE Journal, 2021, 67, e17148.	1.8	7
6	Expression, purification and characterisation of a human anti-CDK4 single-chain variable fragment antibody. BMC Biotechnology, 2021, 21, 71.	1.7	2
7	Intrabody against prolyl hydroxylase 2 ameliorates acetaminophen-induced acute liver injury in mice via concomitant promotion of angiogenesis and redox homeostasis. Biomedicine and Pharmacotherapy, 2020, 123, 109783.	2.5	10
8	Separation of Macrophages Using a Dielectrophoresis-Based Microfluidic Device. Biochip Journal, 2020, 14, 185-194.	2.5	10
9	A Cyclin D1-specific Single-Chain Variable Fragment Antibody that Inhibits HepG2 Cell Growth and Proliferation. Biotechnology Journal, 2020, 15, 1900430.	1.8	6
10	Cancer Liquid Biopsy Using Integrated Microfluidic Exosome Analysis Platforms. Biotechnology Journal, 2020, 15, e1900225.	1.8	61
11	Extraction of Cell-Free Whole Blood Plasma Using a Dielectrophoresis-Based Microfluidic Device. Biotechnology Journal, 2019, 14, 1800181.	1.8	23
12	Intrabody against prolyl hydroxylase 2 promotes angiogenesis by stabilizing hypoxia-inducible factor-1 α . Scientific Reports, 2019, 9, 11861.	1.6	10
13	Low-voltage electrical cell lysis using a microfluidic device. Biomedical Microdevices, 2019, 21, 22.	1.4	11
14	Study of Oscillating Electroosmotic Flows with High Temporal and Spatial Resolution. Analytical Chemistry, 2018, 90, 1652-1659.	3.2	13
15	Exosome separation using microfluidic systems: size-based, immunoaffinity-based and dynamic methodologies. Biotechnology Journal, 2017, 12, 1600699.	1.8	158
16	AC Electrokinetic Fast Mixing in Non-Parallel Microchannels. Chemical Engineering Communications, 2017, 204, 190-197.	1.5	15
17	High fidelity computational simulation of thrombus formation in Thoratec HeartMate II continuous flow ventricular assist device. Scientific Reports, 2016, 6, 38025.	1.6	45
18	On micro-electrokinetic scalar turbulence in microfluidics at a low Reynolds number. Lab on A Chip, 2016, 16, 1030-1038.	3.1	30

#	ARTICLE	IF	CITATIONS
19	Microelectrokinetic turbulence in microfluidics at low Reynolds number. <i>Physical Review E</i> , 2016, 93, 013106.	0.8	23
20	Measurement of velocity fluctuations in microfluidics with simultaneously ultrahigh spatial and temporal resolution. <i>Experiments in Fluids</i> , 2016, 57, 1.	1.1	162
21	Corrections on LIFPA velocity measurements in microchannel with moderate velocity fluctuations. <i>Experiments in Fluids</i> , 2015, 56, 1.	1.1	7
22	There can be turbulence in microfluidics at low Reynolds number. <i>Lab on A Chip</i> , 2014, 14, 1452-1458.	3.1	85
23	Separation of tumor cells with dielectrophoresis-based microfluidic chip. <i>Biomicrofluidics</i> , 2013, 7, 11803.	1.2	154
24	Dielectrophoretic Separation of Prostate Cancer Cells. <i>Technology in Cancer Research and Treatment</i> , 2013, 12, 61-70.	0.8	17
25	Cascade and staggered dielectrophoretic cell sorters. <i>Electrophoresis</i> , 2011, 32, 2377-2384.	1.3	12
26	Dielectrophoretic separation of colorectal cancer cells. <i>Biomicrofluidics</i> , 2010, 4, 13204.	1.2	91
27	Measuring flow velocity distribution in microchannels using molecular tracers. <i>Microfluidics and Nanofluidics</i> , 2009, 7, 509-517.	1.0	18