

Jing Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

631
citations

567281

15
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1150
citing authors

#	ARTICLE	IF	CITATIONS
1	Discordant temporal development of bacterial phyla and the emergence of core in the fecal microbiota of young children. <i>ISME Journal</i> , 2016, 10, 1002-1014.	9.8	104
2	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. <i>Nature Genetics</i> , 2016, 48, 640-647.	21.4	68
3	A 3D electrochemical biosensor based on Super-Aligned Carbon NanoTube array for point-of-care uric acid monitoring. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113082.	10.1	67
4	A High-Throughput, Multi-Index Isothermal Amplification Platform for Rapid Detection of 19 Types of Common Respiratory Viruses Including SARS-CoV-2. <i>Engineering</i> , 2020, 6, 1130-1140.	6.7	46
5	High-throughput in situ cell electroporation microsystem for parallel delivery of single guide RNAs into mammalian cells. <i>Scientific Reports</i> , 2017, 7, 42512.	3.3	31
6	Microfluidic fluorescence-activated cell sorting (µFACS) chip with integrated piezoelectric actuators for low-cost mammalian cell enrichment. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	30
7	A sheath-less electric impedance micro-flow cytometry device for rapid label-free cell classification and viability testing. <i>Analytical Methods</i> , 2017, 9, 1201-1212.	2.7	28
8	Rapid and Automated Detection of Six Contaminants in Milk Using a Centrifugal Microfluidic Platform with Two Rotation Axes. <i>Analytical Chemistry</i> , 2019, 91, 7958-7964.	6.5	23
9	Caffeine-free hawk tea lowers cholesterol by reducing free cholesterol uptake and the production of very-low-density lipoprotein. <i>Communications Biology</i> , 2019, 2, 173.	4.4	23
10	White tea and its active polyphenols lower cholesterol through reduction of very-low-density lipoprotein production and induction of LDLR expression. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110146.	5.6	22
11	A self-contained and fully integrated fluidic cassette system for multiplex nucleic acid detection of bacteriuria. <i>Lab on A Chip</i> , 2020, 20, 384-393.	6.0	20
12	Colonic Mucosal Microbiota and Association of Bacterial Taxa with the Expression of Host Antimicrobial Peptides in Pediatric Ulcerative Colitis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6044.	4.1	20
13	A Highly Automated Mobile Laboratory for On-site Molecular Diagnostics in the COVID-19 Pandemic. <i>Clinical Chemistry</i> , 2021, 67, 672-683.	3.2	19
14	Evaluation of the immunomodulatory effects of anti-COVID-19 TCM formulae by multiple virus-related pathways. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 50.	17.1	18
15	A Flexible Dual-Analyte Electrochemical Biosensor for Salivary Glucose and Lactate Detection. <i>Biosensors</i> , 2022, 12, 210.	4.7	18
16	Barriers and countermeasures in developing traditional Chinese medicine in Europe. <i>Frontiers of Medicine</i> , 2016, 10, 360-376.	3.4	17
17	In vitro hyperthermia studied in a continuous manner using electric impedance sensing. <i>RSC Advances</i> , 2015, 5, 62007-62016.	3.6	15
18	SETD3 Downregulation Mediates PTEN Upregulation-Induced Ischemic Neuronal Death Through Suppression of Actin Polymerization and Mitochondrial Function. <i>Molecular Neurobiology</i> , 2021, 58, 4906-4920.	4.0	13

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19	Sensitive and Rapid Diagnosis of Respiratory Virus Coinfection Using a Microfluidic Chipâ€Powered CRISPR/Cas12a System. <i>Small</i> , 2022, 18, .	10.0	13
20	The implications of childcare on grandparents' health selfâ€management in a Chinese elderly population. <i>International Journal of Health Planning and Management</i> , 2020, 35, 280-289.	1.7	10
21	Biological Response Profiling Reveals the Functional Differences of Main Alkaloids in Rhizoma Coptidis. <i>Molecules</i> , 2021, 26, 7389.	3.8	7
22	Biological-Profiling-Based Systematic Analysis of Rhizoma Coptidis from Different Growing Regions and Its Anticholesterol Biosynthesis Activity on HepG2 Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 2234-2245.	4.6	5
23	Highly uniform in-situ cell electrotransfection of adherent cultures using grouped interdigitated electrodes. <i>Bioelectrochemistry</i> , 2020, 132, 107435.	4.6	5
24	A portable sperm cell purification instrument based on continuous flow acoustophoretic separation of sperm cells for on-site forensic sample pretreatment. <i>Lab on A Chip</i> , 2021, 21, 933-941.	6.0	4
25	Multiplexed detection of respiratory pathogens with a portable analyzer in a â€raw-sample-in and answer-outâ€manner. <i>Microsystems and Nanoengineering</i> , 2021, 7, 94.	7.0	4
26	GRK2 Is a Novel Modulator of the MALT1 Oncoprotein. <i>Blood</i> , 2016, 128, 775-775.	1.4	1