

Chong Hu

List of Publications by Year in descending order

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11
papers

545
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-induced activity enhancement of enzyme-encapsulated metal-organic frameworks revealed in microfluidic gradient mixing synthesis. <i>Science Advances</i> , 2020, 6, eaax5785.	10.3	185
2	Targeted destruction of cancer stem cells using multifunctional magnetic nanoparticles that enable combined hyperthermia and chemotherapy. <i>Theranostics</i> , 2020, 10, 1181-1196.	10.0	81
3	The application of a G-quadruplex based assay with an iridium(^{III}) complex to arsenic ion detection and its utilization in a microfluidic chip. <i>Journal of Materials Chemistry B</i> , 2017, 5, 479-484.	5.8	55
4	A suspending-droplet mode paper-based microfluidic platform for low-cost, rapid, and convenient detection of lead(II) ions in liquid solution. <i>Biosensors and Bioelectronics</i> , 2018, 99, 361-367.	10.1	49
5	Rapid and ultrasensitive <i>Salmonella Typhimurium</i> quantification using positive dielectrophoresis driven on-line enrichment and fluorescent nanoparticles label. <i>Biosensors and Bioelectronics</i> , 2013, 42, 460-466.	10.1	35
6	Microfluidic technologies for vasculature biomimicry. <i>Analyst</i> , 2019, 144, 4461-4471.	3.5	34
7	Cell-on-hydrogel platform made of agar and alginate for rapid, low-cost, multidimensional test of antimicrobial susceptibility. <i>Lab on A Chip</i> , 2016, 16, 3130-3138.	6.0	29
8	A one-step strategy for ultra-fast and low-cost mass production of plastic membrane microfluidic chips. <i>Lab on A Chip</i> , 2016, 16, 3909-3918.	6.0	25
9	G-quadruplex-based logic gates for Hg ^{II} and Ag ^I ions employing a luminescent iridium(^{III}) complex and extension of metal-mediated base pairs by polymerase. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4780-4785.	5.8	20
10	Nanoparticle-based signal generation and amplification in microfluidic devices for bioanalysis. <i>Analyst</i> , 2013, 138, 6709.	3.5	19
11	Freestanding 3-D microvascular networks made of alginate hydrogel as a universal tool to create microchannels inside hydrogels. <i>Biomicrofluidics</i> , 2016, 10, 044112.	2.4	13