Ye Wang

List of Publications by Citations

16	609	11	17
papers	citations	h-index	g-index
17	748	8.1	4.21
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
16	Synthesis of highly stable dispersions of nanosized copper particles using L-ascorbic acid. *Green Chemistry*, **2011**, 13, 900	10	306
15	Out of the cleanroom, self-assembled magnetic artificial cilia. *Lab on A Chip*, **2013**, 13, 3360-6	7.2	45
14	Versatile microfluidic flow generated by moulded magnetic artificial cilia. *Sensors and Actuators B: Chemical*, **2018**, 263, 614-624	8.5	40
13	Artificial cilia fabricated using magnetic fiber drawing generate substantial fluid flow. *Microfluidics and Nanofluidics*, **2015**, 18, 167-174	2.8	34
12	A continuous roll-pulling approach for the fabrication of magnetic artificial cilia with microfluidic pumping capability. *Lab on A Chip*, **2016**, 16, 2277-86	7.2	31
11	Anti-Biofouling and Self-Cleaning Surfaces Featured with Magnetic Artificial Cilia. *ACS Applied Materials & Interfaces*, **2020**, 12, 27726-27736	9.5	26
10	Removal of Microparticles by Ciliated Surfaces□n Experimental Study. *Advanced Functional Materials*, **2019**, 29, 1806434	15.6	24
9	Climbing droplets driven by mechanowetting on transverse waves. *Science Advances*, **2019**, 5, eaaw0914	14.3	20
8	Controlled Multidirectional Particle Transportation by Magnetic Artificial Cilia. *ACS Nano*, **2020**, 14, 1031□□□□□□	13.9	20
7	Metachronal actuation of microscopic magnetic artificial cilia generates strong microfluidic pumping. *Lab on A Chip*, **2020**, 20, 3569-3581	7.2	19
6	A concise review of microfluidic particle manipulation methods. *Microfluidics and Nanofluidics*, **2020**, 24, 1	2.8	18
5	Metachronal □Cilia for On-Chip Integrated Pumps and Climbing Robots. *ACS Applied Materials & Interfaces*, **2021**, 13, 20845-20857	9.5	10
4	Enhanced Microfluidic Sample Homogeneity and Improved Antibody-Based Assay Kinetics Due to Magnetic Mixing. *ACS Sensors*, **2021**, 6, 2553-2562	9.2	5
3	Enhancement of microalgae growth using magnetic artificial cilia. *Biotechnology and Bioengineering*, **2021**, 118, 2472-2481	4.9	4
2	Self-Cleaning Surfaces Realized by Biologically Sized Magnetic Artificial Cilia. *Advanced Materials Interfaces*, **2022**, 9, 2102016	4.6	2
1	Magnetic bead mixing in a microfluidic chamber induced by an in-plane rotating magnetic field. *Microfluidics and Nanofluidics*, **2022**, 26, 1	2.8	1