

Li-Ju Wang

List of Publications by Year in descending order

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17
papers

436
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	A multichannel smartphone optical biosensor for high-throughput point-of-care diagnostics. <i>Biosensors and Bioelectronics</i> , 2017, 87, 686-692.	10.1	134
2	Smartphone Optosensing Platform Using a DVD Grating to Detect Neurotoxins. <i>ACS Sensors</i> , 2016, 1, 366-373.	7.8	58
3	High-Throughput Optical Sensing Immunoassays on Smartphone. <i>Analytical Chemistry</i> , 2016, 88, 8302-8308.	6.5	56
4	No Such Thing as Trash: A 3D-Printable Polymer Composite Composed of Oil-Extracted Spent Coffee Grounds and Polylactic Acid with Enhanced Impact Toughness. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15304-15310.	6.7	44
5	Antibiotic Administration Routes and Oral Exposure to Antibiotic Resistant Bacteria as Key Drivers for Gut Microbiota Disruption and Resistome in Poultry. <i>Frontiers in Microbiology</i> , 2020, 11, 1319.	3.5	25
6	An ultra-low-cost smartphone octochannel spectrometer for mobile health diagnostics. <i>Journal of Biophotonics</i> , 2018, 11, e201700382.	2.3	19
7	Large-area graphene coating via superhydrophilic-assisted electro-hydrodynamic spraying deposition. <i>Carbon</i> , 2014, 79, 294-301.	10.3	18
8	Facile continuous production of soy peptide nanogels via nanoscale flash desolvation for drug entrapment. <i>International Journal of Pharmaceutics</i> , 2018, 549, 13-20.	5.2	14
9	Analytical validation of an ultra low-cost mobile phone microplate reader for infectious disease testing. <i>Clinica Chimica Acta</i> , 2018, 482, 21-26.	1.1	12
10	An ultra low-cost smartphone device for in-situ monitoring of acute organophosphorus poisoning for agricultural workers. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 300-305.	7.8	12
11	Electrophoretic motion of a colloidal cylinder near a plane wall. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 81-95.	2.2	10
12	Slow motions of a circular cylinder experiencing slip near a plane wall. <i>Journal of Fluids and Structures</i> , 2008, 24, 651-663.	3.4	8
13	Electrophoresis of a Cylindrical Particle with a Nonuniform Zeta Potential Distribution Parallel to a Charged Plane Wall. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12790-12798.	3.1	7
14	A New Method for Apparent Thermal Conductivity Determination for Sheet Samples Utilizing Principle of Bunsen Ice Calorimeter. <i>ISIJ International</i> , 2016, 56, 366-375.	1.4	7
15	Diffusiophoresis of a colloidal cylinder in an electrolyte solution near a plane wall. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 855-865.	2.2	6
16	Boundary effects on thermophoresis of aerosol cylinders. <i>Journal of Aerosol Science</i> , 2010, 41, 771-789.	3.8	5
17	Ultra low-cost, portable smartphone optosensors for mobile point-of-care diagnostics. , 2018, , .		1