

# Li-Ju Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

331  
citations

9  
h-index

17  
g-index

17  
ext. papers

397  
ext. citations

5.7  
avg, IF

3.51  
L-index

#	Paper	IF	Citations
16	A multichannel smartphone optical biosensor for high-throughput point-of-care diagnostics. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 87, 686-692	11.8	116
15	Smartphone Optosensing Platform Using a DVD Grating to Detect Neurotoxins. <i>ACS Sensors</i> , <b>2016</b> , 1, 366-373	9.2	50
14	High-Throughput Optical Sensing Immunoassays on Smartphone. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8302-8	7.8	43
13	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> , <b>2019</b> , 7, 15304-15310	8.3	20
12	Large-area graphene coating via superhydrophilic-assisted electro-hydrodynamic spraying deposition. <i>Carbon</i> , <b>2014</b> , 79, 294-301	10.4	17
11	An ultra-low-cost smartphone octochannel spectrometer for mobile health diagnostics. <i>Journal of Biophotonics</i> , <b>2018</b> , 11, e201700382	3.1	12
10	Facile continuous production of soy peptide nanogels via nanoscale flash desolvation for drug entrapment. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 549, 13-20	6.5	10
9	An ultra low-cost smartphone device for in-situ monitoring of acute organophosphorus poisoning for agricultural workers. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 275, 300-305	8.5	10
8	Analytical validation of an ultra low-cost mobile phone microplate reader for infectious disease testing. <i>Clinica Chimica Acta</i> , <b>2018</b> , 482, 21-26	6.2	9
7	Electrophoretic motion of a colloidal cylinder near a plane wall. <i>Microfluidics and Nanofluidics</i> , <b>2011</b> , 10, 81-95	2.8	9
6	Electrophoresis of a Cylindrical Particle with a Nonuniform Zeta Potential Distribution Parallel to a Charged Plane Wall. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 12790-12798	3.8	7
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> , <b>2020</b> , 11, 1319	5.7	6
4	Slow motions of a circular cylinder experiencing slip near a plane wall. <i>Journal of Fluids and Structures</i> , <b>2008</b> , 24, 651-663	3.1	6
3	A New Method for Apparent Thermal Conductivity Determination for Sheet Samples Utilizing Principle of Bunsen Ice Calorimeter. <i>ISIJ International</i> , <b>2016</b> , 56, 366-375	1.7	6
2	Diffusiophoresis of a colloidal cylinder in an electrolyte solution near a plane wall. <i>Microfluidics and Nanofluidics</i> , <b>2015</b> , 19, 855-865	2.8	5
1	Boundary effects on thermophoresis of aerosol cylinders. <i>Journal of Aerosol Science</i> , <b>2010</b> , 41, 771-789	4.3	4