Yilin Liu

List of Publications by Year
in descending order

12	508	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrasensitive and Highly Specific Lateral Flow Assays for Point-of-Care Diagnosis. ACS Nano, 2021, 15, 3593-3611.	14.6	270
2	Signal amplification and quantification on lateral flow assays by laser excitation of plasmonic nanomaterials. Theranostics, 2020, 10, 4359-4373.	10.0	59
3	Experimental and numerical evaluation of the performance of a novel compound demister. Desalination, 2017, 409, 115-127.	8.2	34
4	Development and optimization of thermal contrast amplification lateral flow immunoassays for ultrasensitive HIV p24 protein detection. Microsystems and Nanoengineering, 2020, 6, 54.	7.0	33
5	Cryopreservation and Laser Nanowarming of Zebrafish Embryos Followed by Hatching and Spawning. Advanced Biology, 2020, 4, e2000138.	3.0	25
6	Photothermal conversion of gold nanoparticles for uniform pulsed laser warming of vitrified biomaterials. Nanoscale, 2020, 12, 12346-12356.	5.6	20
7	fMâ€“aM Detection of the SARS-CoV-2 Antigen by Advanced Lateral Flow Immunoassay Based on Gold Nanospheres. ACS Applied Nano Materials, 2021, 4, 13826-13837.	5.0	18
8	Aggregation affects optical properties and photothermal heating of gold nanospheres. Scientific Reports, 2021, 11, 898.	3.3	16
9	Experimental investigations and an updated correlation of flow boiling heat transfer coefficients for ammonia/lithium nitrate mixture in horizontal tubes. International Journal of Heat and Mass Transfer, 2017, 112, 224-235.	4.8	14
10	Flow boiling heat transfer characteristics and pressure drop of ammonia-lithium nitrate solution in a smooth horizontal tube. International Journal of Heat and Mass Transfer, 2017, 108, 220-231.	4.8	10
11	Improved Influenza Diagnostics through Thermal Contrast Amplification. Diagnostics, 2021, 11, 462.	2.6	5
12	A new method for online measurement of the concentration of working fluids in absorption refrigeration systems. International Journal of Refrigeration, 2017, 78, 128-135.	3.4	2