

Yilin Liu

List of Publications by Year in Descending Order

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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.

12
papers

188
citations

7
h-index

13
g-index

13
ext. papers

328
ext. citations

7
avg, IF

3.81
L-index

#	Paper	IF	Citations
12	Improved Influenza Diagnostics through Thermal Contrast Amplification. <i>Diagnostics</i> , 2021 , 11,	3.8	2
11	Aggregation affects optical properties and photothermal heating of gold nanospheres. <i>Scientific Reports</i> , 2021 , 11, 898	4.9	2
10	Ultrasensitive and Highly Specific Lateral Flow Assays for Point-of-Care Diagnosis. <i>ACS Nano</i> , 2021 , 15, 3593-3611	16.7	73
9	fM-aM Detection of the SARS-CoV-2 Antigen by Advanced Lateral Flow Immunoassay Based on Gold Nanospheres.. <i>ACS Applied Nano Materials</i> , 2021 , 4, 13826-13837	5.6	3
8	Photothermal conversion of gold nanoparticles for uniform pulsed laser warming of vitrified biomaterials. <i>Nanoscale</i> , 2020 , 12, 12346-12356	7.7	8
7	Signal amplification and quantification on lateral flow assays by laser excitation of plasmonic nanomaterials. <i>Theranostics</i> , 2020 , 10, 4359-4373	12.1	36
6	Cryopreservation and Laser Nanowarming of Zebrafish Embryos Followed by Hatching and Spawning. <i>Advanced Biology</i> , 2020 , 4, e2000138	3.5	7
5	Development and optimization of thermal contrast amplification lateral flow immunoassays for ultrasensitive HIV p24 protein detection. <i>Microsystems and Nanoengineering</i> , 2020 , 6, 54	7.7	11
4	Experimental and numerical evaluation of the performance of a novel compound demister. <i>Desalination</i> , 2017 , 409, 115-127	10.3	19
3	Experimental investigations and an updated correlation of flow boiling heat transfer coefficients for ammonia/lithium nitrate mixture in horizontal tubes. <i>International Journal of Heat and Mass Transfer</i> , 2017 , 112, 224-235	4.9	13
2	A new method for online measurement of the concentration of working fluids in absorption refrigeration systems. <i>International Journal of Refrigeration</i> , 2017 , 78, 128-135	3.8	2
1	Flow boiling heat transfer characteristics and pressure drop of ammonia-lithium nitrate solution in a smooth horizontal tube. <i>International Journal of Heat and Mass Transfer</i> , 2017 , 108, 220-231	4.9	10