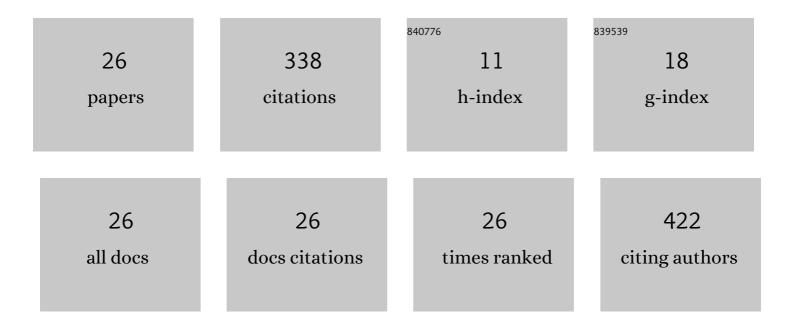
## Quanjun Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6900195/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A rapid and label-free platform for virus enrichment based on electrostatic microfluidics. Talanta, 2022, 242, 122989.	5.5	2
2	An integrated microfluidic chip for alginate microsphere generation and 3D cell culture. Analytical Methods, 2022, 14, 1181-1186.	2.7	3
3	Nanopore Detection of Cancer Biomarkers: A Challenge to Science. Technology in Cancer Research and Treatment, 2022, 21, 153303382210766.	1.9	2
4	Recent advances in biological nanopores for nanopore sequencing, sensing and comparison of functional variations in MspA mutants. RSC Advances, 2021, 11, 28996-29014.	3.6	12
5	Impact of left atrial appendage location on risk of thrombus formation in patients with atrial fibrillation. Biomechanics and Modeling in Mechanobiology, 2021, 20, 1431-1443.	2.8	24
6	Recognition of Bimolecular Logic Operation Pattern Based on a Solid-State Nanopore. Sensors, 2021, 21, 33.	3.8	2
7	Deformation-Mediated Translocation of DNA Origami Nanoplates through a Narrow Solid-State Nanopore. Analytical Chemistry, 2020, 92, 13238-13245.	6.5	11
8	Comparison of Multiple Displacement Amplification (MDA) and Multiple Annealing and Looping-Based Amplification Cycles (MALBAC) in Limited DNA Sequencing Based on Tube and Droplet. Micromachines, 2020, 11, 645.	2.9	18
9	Continuous Microfluidic Purification of DNA Using Magnetophoresis. Micromachines, 2020, 11, 187.	2.9	18
10	Clear Discrimination of Single-Molecule of a Single-Stranded DNA Homopolymers and Hetero-Homopolymers Through a New Mutant of <i>Mycobacterium smegmatis</i> Porin A, MspA. Nanoscience and Nanotechnology Letters, 2019, 11, 1104-1115.	0.4	2
11	Solid-State Nanopore Single-Molecule Sensing of DNAzyme Cleavage Reaction Assisted with Nucleic Acid Nanostructure. ACS Applied Materials & Interfaces, 2018, 10, 26555-26565.	8.0	19
12	Fluorescence detection system for microfluidic droplets. AIP Conference Proceedings, 2018, , .	0.4	4
13	Hydrogen Peroxide Sensing Based on Inner Surfaces Modification of Solid-State Nanopore. Nanoscale Research Letters, 2017, 12, 422.	5.7	4
14	Expression and Purification of a Novel Mycobacterial Porin MspA Mutant in <i>E. coli</i> . Journal of Nanoscience and Nanotechnology, 2017, 17, 9125-9129.	0.9	5
15	Detection of a single enzyme molecule based on a solid-state nanopore sensor. Nanotechnology, 2016, 27, 155502.	2.6	18
16	Translocation of Rigid Rod-Shaped Virus through Various Solid-State Nanopores. Analytical Chemistry, 2016, 88, 2502-2510.	6.5	42
17	Single Nanoparticle Translocation Through Chemically Modified Solid Nanopore. Nanoscale Research Letters, 2016, 11, 50.	5.7	20
18	DNA-functionalized silicon nitride nanopores for sequence-specific recognition of DNA biosensor. Nanoscale Research Letters, 2015, 10, 205.	5.7	16

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#	Article	IF	CITATIONS
19	The Estimation of Field-Dependent Conductance Change of Nanopore by Field-Induced Charge in the Translocations of AuNPs-DNA Conjugates. Journal of Physical Chemistry C, 2014, 118, 26825-26835.	3.1	19
20	Gold nanorod translocation through a solid-state nanopore. Science Bulletin, 2014, 59, 598-605.	1.7	6
21	Electrically facilitated translocation of protein through solid nanopore. Nanoscale Research Letters, 2014, 9, 140.	5.7	29
22	Translocation of Gold Nanorod Through a Solid-State Nanopore. Science of Advanced Materials, 2014, 6, 2075-2078.	0.7	2
23	Fabrication and characterization of silicon nitride nanopore. , 2013, , .		Ο
24	Silicon Nitride Nanopores for Nanoparticle Sensing. Journal of Nanoscience and Nanotechnology, 2013, 13, 4010-4016.	0.9	9
25	Solid-State Nanopore for Rod-Like Virus Detection. Science of Advanced Materials, 2013, 5, 2039-2047.	0.7	6
26	Voltage-Driven Translocation of DNA through a High Throughput Conical Solid-State Nanopore. PLoS ONE, 2012, 7, e46014.	2.5	45