

# Gautam V Soni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2458929/publications.pdf>

Version: 2024-02-01

10  
papers

2,467  
citations

1478505

6  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

2949  
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential and challenges of nanopore sequencing. <i>Nature Biotechnology</i> , 2008, 26, 1146-1153.	17.5	2,201
2	Synchronous optical and electrical detection of biomolecules traversing through solid-state nanopores. <i>Review of Scientific Instruments</i> , 2010, 81, 014301.	1.3	85
3	Progress toward Ultrafast DNA Sequencing Using Solid-State Nanopores. <i>Clinical Chemistry</i> , 2007, 53, 1996-2001.	3.2	73
4	Detection of Nucleosomal Substructures using Solid-State Nanopores. <i>Nano Letters</i> , 2012, 12, 3180-3186.	9.1	63
5	Fabrication of Low Noise Borosilicate Glass Nanopores for Single Molecule Sensing. <i>PLoS ONE</i> , 2016, 11, e0157399.	2.5	29
6	Cellular and Nuclear Forces: An Overview. <i>Methods in Molecular Biology</i> , 2018, 1805, 1-29.	0.9	6
7	Single-Molecule Studies of Nucleic Acid Interactions Using Nanopores. , 2009, , 265-291.		6
8	Fingerprinting branches on supercoiled plasmid DNA using quartz nanocapillaries. <i>Nanoscale</i> , 2021, 13, 320-331.	5.6	3
9	Measurement of Alcohol-Dependent Physiological Changes in Red Blood Cells Using Resistive Pulse Sensing. <i>ACS Sensors</i> , 2020, 5, 3892-3901.	7.8	1
10	Customized low-cost high-throughput amplifier for electro-fluidic detection of cell volume changes in point-of-care applications. <i>PLoS ONE</i> , 2022, 17, e0267207.	2.5	0