

# Vivek V Thacker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3200468/publications.pdf>

Version: 2024-02-01

19  
papers

1,785  
citations

566801

15  
h-index

839053

18  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2464  
citing authors

#	ARTICLE	IF	CITATIONS
1	The cGAS-STING pathway drives type I IFN immunopathology in COVID-19. <i>Nature</i> , 2022, 603, 145-151.	13.7	272
2	Rapid endotheliitis and vascular damage characterize SARS-CoV-2 infection in a human lung-on-a-chip model. <i>EMBO Reports</i> , 2021, 22, e52744.	2.0	81
3	Dynamic persistence of UPEC intracellular bacterial communities in a human bladder-chip model of urinary tract infection. <i>ELife</i> , 2021, 10, .	2.8	47
4	Early invasion of the bladder wall by solitary bacteria protects UPEC from antibiotics and neutrophil swarms in an organoid model. <i>Cell Reports</i> , 2021, 36, 109351.	2.9	13
5	A lung-on-chip model of early <i>Mycobacterium tuberculosis</i> infection reveals an essential role for alveolar epithelial cells in controlling bacterial growth. <i>ELife</i> , 2020, 9, .	2.8	88
6	Gap-Dependent Coupling of Ag-Au Nanoparticle Heterodimers Using DNA Origami-Based Self-Assembly. <i>ACS Photonics</i> , 2016, 3, 1589-1595.	3.2	75
7	Electroosmotic Flow Reversal Outside Glass Nanopores. <i>Nano Letters</i> , 2015, 15, 695-702.	4.5	49
8	DNA origami based assembly of gold nanoparticle dimers for SERS detection. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
9	Voltage-Dependent Properties of DNA Origami Nanopores. <i>Nano Letters</i> , 2014, 14, 1270-1274.	4.5	58
10	DNA origami based assembly of gold nanoparticle dimers for surface-enhanced Raman scattering. <i>Nature Communications</i> , 2014, 5, 3448.	5.8	377
11	Bacterial nucleoid structure probed by active drag and resistive pulse sensing. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 184-191.	0.6	9
12	Membrane-Spanning DNA Nanopores. <i>Biomimetic Chemical Structures for Single-Molecule Research and Nanotechnology</i> . <i>Biophysical Journal</i> , 2014, 106, 632a.	0.2	0
13	Lipid-Bilayer-Spanning DNA Nanopores with a Bifunctional Porphyrin Anchor. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12069-12072.	7.2	190
14	Lipid-coated nanocapillaries for DNA sensing. <i>Analyst, The</i> , 2013, 138, 104-106.	1.7	31
15	Single Protein Molecule Detection by Glass Nanopores. <i>ACS Nano</i> , 2013, 7, 4129-4134.	7.3	228
16	Multiplexed ionic current sensing with glass nanopores. <i>Lab on A Chip</i> , 2013, 13, 1859.	3.1	63
17	DNA Origami Nanopores for Controlling DNA Translocation. <i>ACS Nano</i> , 2013, 7, 6024-6030.	7.3	118
18	Lipid-Bilayer-Spanning DNA Nanopores with a Bifunctional Porphyrin Anchor. <i>Angewandte Chemie</i> , 2013, 125, 12291-12294.	1.6	28

#	ARTICLE	IF	CITATIONS
19	Studying DNA translocation in nanocapillaries using single molecule fluorescence. Applied Physics Letters, 2012, 101, 223704.	1.5	41