

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	DNA origami based assembly of gold nanoparticle dimers for surface-enhanced Raman scattering. Nature Communications, 2014, 5, 3448.	5.8	377
2	The cGAS-STING pathway drives type I IFN immunopathology in COVID-19. Nature, 2022, 603, 145-151.	13.7	272
3	Single Protein Molecule Detection by Glass Nanopores. ACS Nano, 2013, 7, 4129-4134.	7.3	228
4	Lipid-Bilayer-Spanning DNA Nanopores with a Bifunctional Porphyrin Anchor. Angewandte Chemie - International Edition, 2013, 52, 12069-12072.	7.2	190
5	DNA Origami Nanopores for Controlling DNA Translocation. ACS Nano, 2013, 7, 6024-6030.	7.3	118
6	A lung-on-chip model of early Mycobacterium tuberculosis infection reveals an essential role for alveolar epithelial cells in controlling bacterial growth. ELife, 2020, 9, .	2.8	88
7	Rapid endotheliitis and vascular damage characterize SARS-CoV-2 infection in a human lung-on-chip model. EMBO Reports, 2021, 22, e52744.	2.0	81
8	Gap-Dependent Coupling of Ag-Au Nanoparticle Heterodimers Using DNA Origami-Based Self-Assembly. ACS Photonics, 2016, 3, 1589-1595.	3.2	75
9	Multiplexed ionic current sensing with glass nanopores. Lab on A Chip, 2013, 13, 1859.	3.1	63
10	Voltage-Dependent Properties of DNA Origami Nanopores. Nano Letters, 2014, 14, 1270-1274.	4.5	58
11	Electroosmotic Flow Reversal Outside Glass Nanopores. Nano Letters, 2015, 15, 695-702.	4.5	49
12	Dynamic persistence of UPEC intracellular bacterial communities in a human bladder-chip model of urinary tract infection. ELife, 2021, 10, .	2.8	47
13	Studying DNA translocation in nanocapillaries using single molecule fluorescence. Applied Physics Letters, 2012, 101, 223704.	1.5	41
14	Lipid-coated nanocapillaries for DNA sensing. Analyst, The, 2013, 138, 104-106.	1.7	31
15	Lipid-Bilayer-Spanning DNA Nanopores with a Bifunctional Porphyrin Anchor. Angewandte Chemie, 2013, 125, 12291-12294.	1.6	28
16	Early invasion of the bladder wall by solitary bacteria protects UPEC from antibiotics and neutrophil swarms in an organoid model. Cell Reports, 2021, 36, 109351.	2.9	13
17	Bacterial nucleoid structure probed by active drag and resistive pulse sensing. Integrative Biology (United Kingdom), 2014, 6, 184-191.	0.6	9
18	DNA origami based assembly of gold nanoparticle dimers for SERS detection. Proceedings of SPIE, 2015, .	0.8	1

#	ARTICLE	IF	CITATIONS
19	Membrane-Spanning DNA Nanopores. Biomimetic Chemical Structures for Single-Molecule Research and Nanotechnology. Biophysical Journal, 2014, 106, 632a.	0.2	0