

# Vincent Leung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11023649/publications.pdf>

Version: 2024-02-01

12  
papers

437  
citations

1040056

9  
h-index

1199594

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13  
all docs

13  
docs citations

13  
times ranked

570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creating fast flow channels in paper fluidic devices to control timing of sequential reactions. Lab on A Chip, 2012, 12, 5079.	6.0	118
2	Paper-based microfluidics with an erodible polymeric bridge giving controlled release and timed flow shutoff. Lab on A Chip, 2014, 14, 229-236.	6.0	89
3	Pullulan Encapsulation of Labile Biomolecules to Give Stable Bioassay Tablets. Angewandte Chemie - International Edition, 2014, 53, 6155-6158.	13.8	75
4	Simple and ultrastable all-inclusive pullulan tablets for challenging bioassays. Chemical Science, 2016, 7, 2342-2346.	7.4	36
5	Long-Term Preservation of Bacteriophage Antimicrobials Using Sugar Glasses. ACS Biomaterials Science and Engineering, 2018, 4, 3802-3808.	5.2	35
6	Thermal Stabilization of Viral Vaccines in Low-Cost Sugar Films. Scientific Reports, 2019, 9, 7631.	3.3	23
7	Automating multi-step paper-based assays using integrated layering of reagents. Lab on A Chip, 2017, 17, 943-950.	6.0	20
8	Long-Term Antimicrobial Activity of Phage "Sugar Glasses is Closely Tied to the Processing Conditions. ACS Omega, 2018, 3, 18295-18303.	3.5	10
9	Design Rules for Fluorocarbon-Free Omniphobic Solvent Barriers in Paper-Based Devices. ACS Applied Materials & Interfaces, 2015, 7, 25434-25440.	8.0	9
10	Quantitative Point-of-Care Colorimetric Assay Modeling Using a Handheld Colorimeter. ACS Omega, 2021, 6, 22439-22446.	3.5	7
11	Ready-to-use thermally stable mastermix pills for molecular biology applications. Biotechnology Progress, 2019, 35, e2764.	2.6	4
12	PAPER PHYSICS. Paper-based device for pre-concentration of target analytes. Nordic Pulp and Paper Research Journal, 2012, 27, 814-819.	0.7	0