

# Yin-Ting Yeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3119773/publications.pdf>

Version: 2024-02-01

22  
papers

738  
citations

686830

13  
h-index

794141

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1485  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid and label-free platform for virus capture and identification from clinical samples. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 895-901.	3.3	157
2	Flexible Micro Spring Array Device for High-Throughput Enrichment of Viable Circulating Tumor Cells. Clinical Chemistry, 2014, 60, 323-333.	1.5	119
3	Tunable and label-free virus enrichment for ultrasensitive virus detection using carbon nanotube arrays. Science Advances, 2016, 2, e1601026.	4.7	73
4	Controlling Nitrogen Doping in Graphene with Atomic Precision: Synthesis and Characterization. Nanomaterials, 2019, 9, 425.	1.9	67
5	A Nanostructured Microfluidic Immunoassay Platform for Highly Sensitive Infectious Pathogen Detection. Small, 2017, 13, 1700425.	5.2	66
6	Spontaneous chemical functionalization via coordination of Au single atoms on monolayer MoS <sub>2</sub> . Science Advances, 2020, 6, .	4.7	56
7	Clean Transfer of 2D Transition Metal Dichalcogenides Using Cellulose Acetate for Atomic Resolution Characterizations. ACS Applied Nano Materials, 2019, 2, 5320-5328.	2.4	33
8	Rapid Size-Based Isolation of Extracellular Vesicles by Three-Dimensional Carbon Nanotube Arrays. ACS Applied Materials & Interfaces, 2020, 12, 13134-13139.	4.0	23
9	Genomic characterization of a turkey reovirus field strain by Next-Generation Sequencing. Infection, Genetics and Evolution, 2015, 32, 313-321.	1.0	21
10	Synthesis of V-MoS <sub>2</sub> Layered Alloys as Stable Li-Ion Battery Anodes. ACS Applied Energy Materials, 2019, 2, 8625-8632.	2.5	19
11	Accurate virus identification with interpretable Raman signatures by machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
12	Avian and human influenza virus compatible sialic acid receptors in little brown bats. Scientific Reports, 2017, 7, 660.	1.6	18
13	Comparison of four molecular assays for the detection of Tembusu virus. Avian Pathology, 2015, 44, 379-385.	0.8	17
14	Point-of-Care Microdevices for Blood Plasma Analysis in Viral Infectious Diseases. Annals of Biomedical Engineering, 2014, 42, 2333-2343.	1.3	13
15	Light-Emitting Transition Metal Dichalcogenide Monolayers under Cellular Digestion. Advanced Materials, 2018, 30, 1703321.	11.1	13
16	A carbon nanotube integrated microfluidic device for blood plasma extraction. Scientific Reports, 2018, 8, 13623.	1.6	12
17	Evaluating a novel dimensional reduction approach for mechanical fractionation of cells using a tandem flexible micro spring array (tFMSA). Lab on A Chip, 2017, 17, 691-701.	3.1	4
18	Microfluidic device with carbon nanotube channel walls for blood plasma extraction. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Selective Synthesis of Bi <sub>2</sub> Te <sub>3</sub> /WS <sub>2</sub> Heterostructures with Strong Interlayer Coupling. ACS Applied Materials & Interfaces, 2020, , .	4.0	2
20	Pathogen Detection: A Nanostructured Microfluidic Immunoassay Platform for Highly Sensitive Infectious Pathogen Detection (Small 24/2017). Small, 2017, 13, .	5.2	1
21	Zinc oxide nanorod integrated microdevice for multiplex virus detection. , 2017, , .		0
22	The application of low-dimensional materials in virology and in the study of living organisms. , 2020, , 403-441.		0