

Yin-Ting Yeh

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

738
citations

686830

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794141

19
g-index

23
all docs

23
docs citations

23
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The application of low-dimensional materials in virology and in the study of living organisms. , 2020, , 403-441.		0
4	Spontaneous chemical functionalization via coordination of Au single atoms on monolayer MoS ₂ . Science Advances, 2020, 6, .	4.7	56
5	Selective Synthesis of Bi ₂ Te ₃ /WS ₂ Heterostructures with Strong Interlayer Coupling. ACS Applied Materials & Interfaces, 2020, , .	4.0	2
6	Rapid Size-Based Isolation of Extracellular Vesicles by Three-Dimensional Carbon Nanotube Arrays. ACS Applied Materials & Interfaces, 2020, 12, 13134-13139.	4.0	23
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	Synthesis of V-MoS ₂ Layered Alloys as Stable Li-Ion Battery Anodes. ACS Applied Energy Materials, 2019, 2, 8625-8632.	2.5	19
9	Controlling Nitrogen Doping in Graphene with Atomic Precision: Synthesis and Characterization. Nanomaterials, 2019, 9, 425.	1.9	67
10	Light-Emitting Transition Metal Dichalcogenide Monolayers under Cellular Digestion. Advanced Materials, 2018, 30, 1703321.	11.1	13
11	A carbon nanotube integrated microfluidic device for blood plasma extraction. Scientific Reports, 2018, 8, 13623.	1.6	12
12	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
13	A Nanostructured Microfluidic Immunoassay Platform for Highly Sensitive Infectious Pathogen Detection. Small, 2017, 13, 1700425.	5.2	66
14	Avian and human influenza virus compatible sialic acid receptors in little brown bats. Scientific Reports, 2017, 7, 660.	1.6	18
15	Zinc oxide nanorod integrated microdevice for multiplex virus detection. , 2017, , .		0
16	Pathogen Detection: A Nanostructured Microfluidic Immunoassay Platform for Highly Sensitive Infectious Pathogen Detection (Small 24/2017). Small, 2017, 13, .	5.2	1
17	Tunable and label-free virus enrichment for ultrasensitive virus detection using carbon nanotube arrays. Science Advances, 2016, 2, e1601026.	4.7	73
18	Genomic characterization of a turkey reovirus field strain by Next-Generation Sequencing. Infection, Genetics and Evolution, 2015, 32, 313-321.	1.0	21

#	ARTICLE	IF	CITATIONS
19	Comparison of four molecular assays for the detection of Tembusu virus. Avian Pathology, 2015, 44, 379-385.	0.8	17
20	Flexible Micro Spring Array Device for High-Throughput Enrichment of Viable Circulating Tumor Cells. Clinical Chemistry, 2014, 60, 323-333.	1.5	119
21	Point-of-Care Microdevices for Blood Plasma Analysis in Viral Infectious Diseases. Annals of Biomedical Engineering, 2014, 42, 2333-2343.	1.3	13
22	Microfluidic device with carbon nanotube channel walls for blood plasma extraction. , 2013, , .		2