

# Cao-An Vu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1266881/publications.pdf>

Version: 2024-02-01

8  
papers

245  
citations

1684188  
5  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-Effect Transistor Biosensors for Biomedical Applications: Recent Advances and Future Prospects. <i>Sensors</i> , 2019, 19, 4214.	3.8	155
2	Signal Enhancement of Silicon Nanowire Field-Effect Transistor Immunosensors by RNA Aptamer. <i>ACS Omega</i> , 2019, 4, 14765-14771.	3.5	30
3	Predicting Future Prospects of Aptamers in Field-Effect Transistor Biosensors. <i>Molecules</i> , 2020, 25, 680.	3.8	21
4	Improved biomarker quantification of silicon nanowire field-effect transistor immunosensors with signal enhancement by RNA aptamer: Amyloid beta as a case study. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129150.	7.8	16
5	Optimizing surface modification of silicon nanowire field-effect transistors by polyethylene glycol for MicroRNA detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112142.	5.0	10
6	Paper-Based Devices for Capturing Exosomes and Exosomal Nucleic Acids From Biological Samples. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 836082.	4.1	7
7	Combination of Aptamer Amplifier and Antigen-Binding Fragment Probe as a Novel Strategy to Improve Detection Limit of Silicon Nanowire Field-Effect Transistor Immunosensors. <i>Sensors</i> , 2021, 21, 650.	3.8	4
8	Phosphate-Methylated Oligonucleotides as a Novel Primer for PCR and RT-PCR. <i>Methods in Molecular Biology</i> , 2022, 2392, 261-273.	0.9	2