

# Anjan Panneer Selvam

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

489  
citations

759233

12  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible nanoporous tunable electrical double layer biosensors for sweat diagnostics. Scientific Reports, 2015, 5, 14586.	3.3	111
2	A wearable biochemical sensor for monitoring alcohol consumption lifestyle through Ethyl glucuronide (EtG) detection in human sweat. Scientific Reports, 2016, 6, 23111.	3.3	109
3	Ultra-sensitive electrical immunoassay biosensors using nanotextured zinc oxide thin films on printed circuit board platforms. Biosensors and Bioelectronics, 2014, 55, 7-13.	10.1	50
4	Electrochemical nanostructured ZnO biosensor for ultrasensitive detection of cardiac troponin-T. Nanomedicine, 2016, 11, 1345-1358.	3.3	41
5	Nanosensor electrical immunoassay for quantitative detection of NT-pro brain natriuretic peptide. Future Cardiology, 2013, 9, 137-147.	1.2	26
6	Antibody-Conjugated Gold Nanoparticle-Based Immunosensor for Ultra-Sensitive Detection of Troponin-T. Journal of the Association for Laboratory Automation, 2014, 19, 546-554.	2.8	24
7	Companion and Point-of-Care Sensor System for Rapid Multiplexed Detection of a Panel of Infectious Disease Markers. SLAS Technology, 2017, 22, 338-347.	1.9	20
8	Flexible Molybdenum Electrodes towards Designing Affinity Based Protein Biosensors. Biosensors, 2016, 6, 36.	4.7	18
9	An electrochemical sensor for the detection of antibiotic contaminants in water. Analytical Methods, 2013, 5, 4325.	2.7	17
10	Portable Chronic Alcohol Consumption Monitor in Human Sweat through Square-Wave Voltammetry. SLAS Technology, 2018, 23, 144-153.	1.9	14
11	Portable nanoporous electrical biosensor for ultrasensitive detection of Troponin-T. Future Science OA, 2015, 1, FSO24.	1.9	13
12	Novel Nanomonitor ultra-sensitive detection of troponin T. Clinica Chimica Acta, 2015, 442, 96-101.	1.1	13
13	Development and validation of an impedance biosensor for point-of-care detection of vascular cell adhesion molecule-1 toward lupus diagnostics. Future Science OA, 2017, 3, FSO224.	1.9	12
14	Design of a high sensitive non-faradaic impedimetric sensor. , 2012, 2012, 3251-4.		11
15	Electrical nanowell diagnostics sensors for rapid and ultrasensitive detection of prostate-specific antigen. Nanomedicine, 2015, 10, 2527-2536.	3.3	7
16	Electronic bracelet for monitoring of alcohol lifestyle. , 2016, , .		2
17	Cellular level classification of breast cancer through proteomic markers using nanochannel array sensors. Nanomedicine, 2014, 9, 1956-1970.	3.3	1
18	Rapid and Sensitive Detection of Nano-fluidically Trapped Protein Biomarkers. Materials Research Society Symposia Proceedings, 2014, 1686, 14.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Single Molecule Analysis Tool (SMAT) for Multiplexed Label-Free Assessment of Rare Cell Populations. , 2014, , .		0
20	Electrically Tunable Ultra-specific Zinc Oxide Biosensor. Materials Research Society Symposia Proceedings, 2015, 1720, 33.	0.1	0
21	Companion and Point-of-Care Sensor System for Rapid Multiplexed Detection of a Panel of Infectious Disease Markers. SLAS Technology, 2017, , 247263031769677.	1.9	0