

Conlathan Ibau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3108481/publications.pdf>

Version: 2024-02-01

20
papers

190
citations

1307594

7
h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold interdigitated triple-microelectrodes for label-free prognosticative aptasensing of prostate cancer biomarker in serum. <i>Biosensors and Bioelectronics</i> , 2019, 136, 118-127.	10.1	57
2	Current advances and future visions on bioelectronic immunosensing for prostate-specific antigen. <i>Biosensors and Bioelectronics</i> , 2017, 98, 267-284.	10.1	42
3	Immunosensing prostate-specific antigen: Faradaic vs non-Faradaic electrochemical impedance spectroscopy analysis on interdigitated microelectrode device. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1924-1936.	7.5	26
4	Enhanced sensitivity mediated ambipolar conduction with p-type TiO ₂ anatase transducer for biomarker capturing. <i>Sensors and Actuators A: Physical</i> , 2017, 259, 57-67.	4.1	17
5	Faradaic electrochemical impedimetric analysis on MoS ₂ /Au-NPs decorated surface for C-reactive protein detection. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 138, 104450.	5.3	14
6	Glycosylated biomarker sensors: advancements in prostate cancer diagnosis. <i>Chemical Communications</i> , 2021, 57, 9640-9655.	4.1	8
7	Impedimetric cardiac biomarker determination in serum mediated by epoxy and hydroxyl of reduced graphene oxide on gold array microelectrodes. <i>Mikrochimica Acta</i> , 2021, 188, 257.	5.0	8
8	Interdigitated Electrodes integrated with zinc oxide nanoparticles for Cardiac Troponin I biomarker detection. , 2016, , .		7
9	The effect of substrate-gate bias on the zinc oxide field-effect transistor for biosensing application. , 2016, , .		3
10	Femtomolar Dengue Virus Type-2 DNA Detection in Back-gated Silicon Nanowire Field-effect Transistor Biosensor. <i>Current Nanoscience</i> , 2022, 18, 139-146.	1.2	3
11	Electrical responses of dengue virus (DENV) using poly-Si nanowire array biosensor. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
12	The Impacts of Platinum Diffusion to the Reverse Recovery Lifetime of a High Power Diode Devices. <i>MATEC Web of Conferences</i> , 2016, 78, 01089.	0.2	1
13	Detection of Prostate Cancer's Antigen in Sub-pico Range of Concentration using the Faradaic-mode Electrochemical Impedance Spectroscopy. , 2019, , .		1
14	Fabrication and Characterization of Back-Gate Controlled Silicon Nanowire based Field-effect pH Sensor. , 2019, , .		1
15	Numerical simulation of underlap FET device architecture for biosensor applications. , 2016, , .		0
16	Molybdenum Disulfide (MoS ₂)/Gold Nanoparticles (AuNPs)-based Field-effect Transistor for C-reactive Protein Detection: Early Diagnosis of Cardiovascular Disease. , 2019, , .		0
17	Fabrication and Characterization of poly-Si Nanowire with Thin Film of Ni/Au Contact Pad using Conventional Photolithography. , 2019, , .		0
18	Fabrication and Characterization of Aluminium Interdigitated Electrodes (IDE) Hybrid with Zinc Oxide (ZnO) Nanoparticles for Detection of Cardiac Troponin I (cTnI) Biomarker. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Fabrication and Characterizations of Poly-Si Nanowire Biosensor using Conventional Photolithography Technique for Detection of Dengue Virus DNA Type 2 (DENV-2). IOP Conference Series: Materials Science and Engineering, 2020, 864, 012186.	0.6	0
20	Effect of back gate biasing on silicon nanowire field effect transistor. AIP Conference Proceedings, 2021, , .	0.4	0