

# TuÄba KiliÄ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1724926/publications.pdf>

Version: 2024-02-01

28  
papers

1,923  
citations

516710

16  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multisensor-integrated organs-on-chips platform for automated and continual in situ monitoring of organoid behaviors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2293-E2302.	7.1	570
2	microRNA biosensors: Opportunities and challenges among conventional and commercially available techniques. Biosensors and Bioelectronics, 2018, 99, 525-546.	10.1	220
3	Aptamer-Based Microfluidic Electrochemical Biosensor for Monitoring Cell-Secreted Trace Cardiac Biomarkers. Analytical Chemistry, 2016, 88, 10019-10027.	6.5	181
4	Molecular and Immunological Diagnostic Tests of COVID-19: Current Status and Challenges. IScience, 2020, 23, 101406.	4.1	144
5	Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes. Advanced Science, 2017, 4, 1600522.	11.2	131
6	Electrochemical based detection of microRNA, mir21 in breast cancer cells. Biosensors and Bioelectronics, 2012, 38, 195-201.	10.1	127
7	Microfluidic integration of regeneratable electrochemical affinity-based biosensors for continual monitoring of organ-on-a-chip devices. Nature Protocols, 2021, 16, 2564-2593.	12.0	80
8	Label-free detection of hypoxia-induced extracellular vesicle secretion from MCF-7 cells. Scientific Reports, 2018, 8, 9402.	3.3	68
9	A novel method for sensitive microRNA detection: Electropolymerization based doping. Biosensors and Bioelectronics, 2017, 92, 770-778.	10.1	61
10	Organs-on-chip monitoring: sensors and other strategies. Microphysiological Systems, 0, 1, 1-1.	2.0	61
11	A new insight into electrochemical microRNA detection: A molecular caliper, p19 protein. Biosensors and Bioelectronics, 2013, 48, 165-171.	10.1	60
12	Electrochemical Detection of a Cancer Biomarker mirâ€21 in Cell Lysates Using Graphene Modified Sensors. Electroanalysis, 2015, 27, 317-326.	2.9	47
13	Label-Free Electrochemical Detection of MicroRNA-122 in Real Samples by Graphene Modified Disposable Electrodes. Journal of the Electrochemical Society, 2016, 163, B227-B233.	2.9	26
14	Electrochemical determination of nicotine in smokersâ€™ sweat. Microchemical Journal, 2020, 158, 105155.	4.5	25
15	Proteomic-based biomarker discovery for development of next generation diagnostics. Applied Microbiology and Biotechnology, 2017, 101, 475-491.	3.6	20
16	Smart e-Patch for drugs monitoring in schizophrenia. , 2016, , .		18
17	Long-term Monitoring of Propofol and Fouling Effect on Pencil Graphite Electrodes. Electroanalysis, 2018, 30, 1363-1369.	2.9	18
18	Zwitterionic Polymer Electroplating Facilitates the Preparation of Electrode Surfaces for Biosensing. Advanced Materials, 2022, 34, e2107892.	21.0	17

#	ARTICLE	IF	CITATIONS
19	Multielectrode Spectroscopy Enables Rapid and Sensitive Molecular Profiling of Extracellular Vesicles. <i>ACS Central Science</i> , 2022, 8, 110-117.	11.3	12
20	Mining the Potential of Label-Free Biosensors for In Vitro Antipsychotic Drug Screening. <i>Biosensors</i> , 2018, 8, 6.	4.7	10
21	Milk Allergen Detection: Sensitive Label-Free Voltammetric Immunosensor Based on Electropolymerization. <i>BioNanoScience</i> , 2020, 10, 512-522.	3.5	8
22	Raspberry-Pi based system for propofol monitoring. <i>The Integration VLSI Journal</i> , 2018, 63, 213-219.	2.1	6
23	A novel psychoanalytical approach: An electrochemical ligand-binding assay to screen antipsychotics. <i>Biosensors and Bioelectronics</i> , 2018, 100, 139-147.	10.1	4
24	Biosensors: Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes ( <i>Adv. Sci.</i> 5/2017). <i>Advanced Science</i> , 2017, 4, .	11.2	3
25	Reversible Redox Activity by Ion-pH Dually Modulated Duplex Formation of i-Motif DNA with Complementary G-DNA. <i>Nanomaterials</i> , 2018, 8, 226.	4.1	3
26	Electrochemical detection of a novel therapeutic compound for Schizophrenia. , 2016, , .		2
27	An electrochemical sensor for quantitative analysis of Rhesus D antibodies in blood. , 2017, , .		1
28	Electrochemical and SERS Based Biosensors for Cancer Biomarkers Detection. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0