

TuÄba KiliÄ

List of Publications by Year in descending order

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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 | Multielectrode Spectroscopy Enables Rapid and Sensitive Molecular Profiling of Extracellular Vesicles. <i>ACS Central Science</i> , 2022, 8, 110-117. | 11.3 | 12 |
| 2 | Zwitterionic Polymer Electroplating Facilitates the Preparation of Electrode Surfaces for Biosensing. <i>Advanced Materials</i> , 2022, 34, e2107892. | 21.0 | 17 |
| 3 | Microfluidic integration of regeneratable electrochemical affinity-based biosensors for continual monitoring of organ-on-a-chip devices. <i>Nature Protocols</i> , 2021, 16, 2564-2593. | 12.0 | 80 |
| 4 | Molecular and Immunological Diagnostic Tests of COVID-19: Current Status and Challenges. <i>IScience</i> , 2020, 23, 101406. | 4.1 | 144 |
| 5 | Electrochemical determination of nicotine in smokers'™ sweat. <i>Microchemical Journal</i> , 2020, 158, 105155. | 4.5 | 25 |
| 6 | Milk Allergen Detection: Sensitive Label-Free Voltammetric Immunosensor Based on Electropolymerization. <i>BioNanoScience</i> , 2020, 10, 512-522. | 3.5 | 8 |
| 7 | Long-term Monitoring of Propofol and Fouling Effect on Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2018, 30, 1363-1369. | 2.9 | 18 |
| 8 | A novel psychoanalytical approach: An electrochemical ligand-binding assay to screen antipsychotics. <i>Biosensors and Bioelectronics</i> , 2018, 100, 139-147. | 10.1 | 4 |
| 9 | microRNA biosensors: Opportunities and challenges among conventional and commercially available techniques. <i>Biosensors and Bioelectronics</i> , 2018, 99, 525-546. | 10.1 | 220 |
| 10 | Mining the Potential of Label-Free Biosensors for In Vitro Antipsychotic Drug Screening. <i>Biosensors</i> , 2018, 8, 6. | 4.7 | 10 |
| 11 | 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 |
| 12 | Raspberry-Pi based system for propofol monitoring. <i>The Integration VLSI Journal</i> , 2018, 63, 213-219. | 2.1 | 6 |
| 13 | Label-free detection of hypoxia-induced extracellular vesicle secretion from MCF-7 cells. <i>Scientific Reports</i> , 2018, 8, 9402. | 3.3 | 68 |
| 14 | Multisensor-integrated organs-on-chips platform for automated and continual in situ monitoring of organoid behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2293-E2302. | 7.1 | 570 |
| 15 | Label-Free and Regenerative Electrochemical Microfluidic Biosensors for Continual Monitoring of Cell Secretomes. <i>Advanced Science</i> , 2017, 4, 1600522. | 11.2 | 131 |
| 16 | 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 |
| 17 | Proteomic-based biomarker discovery for development of next generation diagnostics. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 475-491. | 3.6 | 20 |
| 18 | An electrochemical sensor for quantitative analysis of Rhesus D antibodies in blood. , 2017, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | A novel method for sensitive microRNA detection: Electropolymerization based doping. Biosensors and Bioelectronics, 2017, 92, 770-778. | 10.1 | 61 |
| 20 | Electrochemical and SERS Based Biosensors for Cancer Biomarkers Detection. Proceedings (mdpi), 2017, 1, . | 0.2 | 0 |
| 21 | Electrochemical detection of a novel therapeutic compound for Schizophrenia. , 2016, , . | | 2 |
| 22 | Smart e-Patch for drugs monitoring in schizophrenia. , 2016, , . | | 18 |
| 23 | Aptamer-Based Microfluidic Electrochemical Biosensor for Monitoring Cell-Secreted Trace Cardiac Biomarkers. Analytical Chemistry, 2016, 88, 10019-10027. | 6.5 | 181 |
| 24 | 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 |
| 25 | Electrochemical Detection of a Cancer Biomarker mir-21 in Cell Lysates Using Graphene Modified Sensors. Electroanalysis, 2015, 27, 317-326. | 2.9 | 47 |
| 26 | A new insight into electrochemical microRNA detection: A molecular caliper, p19 protein. Biosensors and Bioelectronics, 2013, 48, 165-171. | 10.1 | 60 |
| 27 | Electrochemical based detection of microRNA, mir21 in breast cancer cells. Biosensors and Bioelectronics, 2012, 38, 195-201. | 10.1 | 127 |
| 28 | Organs-on-chip monitoring: sensors and other strategies. Microphysiological Systems, 0, 1, 1-1. | 2.0 | 61 |