Akkapol Suea-Ngam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3575047/publications.pdf

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14	677	759233 12	1058476 14
papers	citations	h-index	g-index

15	15	15	850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Droplet microfluidics: from proof-of-concept to real-world utility?. Chemical Communications, 2019, 55, 9895-9903.	4.1	93
2	Graphene-polyaniline modified electrochemical droplet-based microfluidic sensor for high-throughput determination of 4-aminophenol. Analytica Chimica Acta, 2016, 925, 51-60.	5.4	72
3	Voltammetric detection of carbofuran determination using screen-printed carbon electrodes modified with gold nanoparticles and graphene oxide. Talanta, 2017, 175, 331-337.	5.5	72
4	An amplification-free ultra-sensitive electrochemical CRISPR/Cas biosensor for drug-resistant bacteria detection. Chemical Science, 2021, 12, 12733-12743.	7.4	71
5	An Exonuclease I-Assisted Silver-Metallized Electrochemical Aptasensor for Ochratoxin A Detection. ACS Sensors, 2019, 4, 1560-1568.	7.8	64
6	Enzyme-Assisted Nucleic Acid Detection for Infectious Disease Diagnostics: Moving toward the Point-of-Care. ACS Sensors, 2020, 5, 2701-2723.	7.8	56
7	Nanomaterials for molecular signal amplification in electrochemical nucleic acid biosensing: recent advances and future prospects for point-of-care diagnostics. Molecular Systems Design and Engineering, 2020, 5, 49-66.	3.4	53
8	Fluorometric Paper-Based, Loop-Mediated Isothermal Amplification Devices for Quantitative Point-of-Care Detection of Methicillin-Resistant Staphylococcus aureus (MRSA). ACS Sensors, 2021, 6, 742-751.	7.8	53
9	Electrochemical droplet-based microfluidics using chip-based carbon paste electrodes for high-throughput analysis in pharmaceutical applications. Analytica Chimica Acta, 2015, 883, 45-54.	5.4	45
10	Machine learning and chemometrics for electrochemical sensors: moving forward to the future of analytical chemistry. Analyst, The, 2021, 146, 6351-6364.	3.5	41
11	Droplet-based glucosamine sensor using gold nanoparticles and polyaniline-modified electrode. Talanta, 2016, 158, 134-141.	5.5	23
12	In Situ Nucleic Acid Amplification and Ultrasensitive Colorimetric Readout in a Paperâ€Based Analytical Device Using Silver Nanoplates. Advanced Healthcare Materials, 2021, 10, e2001755.	7.6	17
13	An ultrasensitive non-noble metal colorimetric assay using starch-iodide complexation for Ochratoxin A detection. Analytica Chimica Acta, 2020, 1135, 29-37.	5.4	14
14	PDMS-Based Microfluidic Device for Infrared-Transmission Spectro-Electrochemistry. Bulletin of the Chemical Society of Japan, 2018, 91, 728-734.	3.2	3