

Akkapol Suea-Ngam

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

677
citations

759233

12
h-index

1058476

14
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15
all docs

15
docs citations

15
times ranked

850
citing authors

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