

Sharmili Roy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/55622/publications.pdf>

Version: 2024-02-01

21
papers

525
citations

933447

10
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments towards portable point-of-care diagnostic devices for pathogen detection. <i>Sensors & Diagnostics</i> , 2022, 1, 87-105.	3.8	31
2	Novel coronavirus (COVID-19) in environmental engineering perspective. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85559-85561.	5.3	3
3	Public health management during COVID-19 and applications of point-of-care based biomolecular detection approaches. , 2021, , 345-378.		3
4	Updated insight into COVID-19 disease and health management to combat the pandemic. , 2021, , 3-39.		6
5	COVID-19 transmission, vulnerability, persistence and nanotherapy: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2773-2787.	16.2	43
6	Recent nanobiotechnological advancements in lignocellulosic biomass valorization: A review. <i>Journal of Environmental Management</i> , 2021, 297, 113422.	7.8	43
7	Design and Development of Ultrafast Sinapic Acid Sensor Based on Electrochemically Nanotuned Gold Nanoparticles and Solvothermally Reduced Graphene Oxide. <i>Electroanalysis</i> , 2020, 32, 59-69.	2.9	38
8	Electroanalytical techniques for investigating biofilms: Applications in biosensing and biomolecular interfacing. , 2020, , 293-329.		4
9	Immunotherapeutics for Covid-19 and post vaccination surveillance. <i>3 Biotech</i> , 2020, 10, 527.	2.2	17
10	Advanced Biosensing Methodologies for Ultrasensitive Detection of Human Coronaviruses. <i>Medical Virology</i> , 2020, , 19-36.	2.2	10
11	Diverse Molecular Techniques for Early Diagnosis of COVID-19 and Other Coronaviruses. <i>Medical Virology</i> , 2020, , 135-159.	2.2	5
12	Insights into Novel Coronavirus and COVID-19 Outbreak. <i>Medical Virology</i> , 2020, , 1-17.	2.2	5
13	Nanotherapeutics. , 2019, , 149-161.		18
14	Cancer Cytosensing Approaches in Miniaturized Settings Based on Advanced Nanomaterials and Biosensors. , 2019, , 133-147.		26
15	Meat species identification using DNA-luminol interaction and their slow diffusion onto the biochip surface. <i>Food Chemistry</i> , 2018, 248, 29-36.	8.2	35
16	Colorimetric Nucleic Acid Detection on Paper Microchip Using Loop Mediated Isothermal Amplification and Crystal Violet Dye. <i>ACS Sensors</i> , 2017, 2, 1713-1720.	7.8	79
17	A novel, sensitive and label-free loop-mediated isothermal amplification detection method for nucleic acids using luminophore dyes. <i>Biosensors and Bioelectronics</i> , 2016, 86, 346-352.	10.1	54
18	Paper-based rapid detection of pork and chicken using LAMP and magnetic bead aggregates. <i>Analytical Methods</i> , 2016, 8, 2391-2399.	2.7	33

#	ARTICLE	IF	CITATIONS
19	Meat species identification using DNA-redox electrostatic interactions and non-specific adsorption on graphene biochips. Food Control, 2016, 61, 70-78.	5.5	40
20	CHAPTER 16. Isothermal DNA Amplification Strategies for Food Biosensors. Food Chemistry, Function and Analysis, 2016, , 367-392.	0.2	4
21	Rapid detection of pork DNA in food samples using reusable electrochemical sensor. Scientia Bruneiana, 0, 15, .	0.1	5