

Ashish Kalkal

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

541
citations

1039406

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1281420

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docs citations

13
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	Ti3C2-MXene decorated with nanostructured silver as a dual-energy acceptor for the fluorometric neuron specific enolase detection. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113620.	5.3	49
2	Sensing and 3D printing technologies in personalized healthcare for the management of health crises including the COVID-19 outbreak. <i>Sensors International</i> , 2022, 3, 100180.	4.9	11
3	Recent advances in nanotechnology and microfluidic-based approaches for isolation and detection of circulating tumor cells (CTCs). <i>Nano Structures Nano Objects</i> , 2022, 31, 100886.	1.9	12
4	Four electrode-based impedimetric biosensors for evaluating cytotoxicity of tamoxifen on cervical cancer cells. <i>RSC Advances</i> , 2021, 11, 798-806.	1.7	16
5	Electrochemical detection: Cyclic voltammetry/differential pulse voltammetry/impedance spectroscopy. , 2021, , 43-71.		7
6	Recent advances in graphene quantum dot-based optical and electrochemical (bio)analytical sensors. <i>Materials Advances</i> , 2021, 2, 5513-5541.	2.6	50
7	Recent advances in 3D printing technologies for wearable (bio)sensors. <i>Additive Manufacturing</i> , 2021, 46, 102088.	1.7	66
8	Optimization, fabrication, and characterization of four electrode-based sensors for blood impedance measurement. <i>Biomedical Microdevices</i> , 2021, 23, 9.	1.4	15
9	Allium sativum derived carbon dots as a potential theranostic agent to combat the COVID-19 crisis. <i>Sensors International</i> , 2021, 2, 100102.	4.9	31
10	Biofunctionalized Graphene Quantum Dots Based Fluorescent Biosensor toward Efficient Detection of Small Cell Lung Cancer. <i>ACS Applied Bio Materials</i> , 2020, 3, 4922-4932.	2.3	116
11	Effect of sulfur doping on fluorescence and quantum yield of graphene quantum dots: an experimental and theoretical investigation. <i>Nanotechnology</i> , 2019, 30, 435704.	1.3	88
12	3D Printing in Medicine. , 2019, , 1-22.		19
13	Effect of Brownian motion on reduced agglomeration of nanostructured metal oxide towards development of efficient cancer biosensor. <i>Biosensors and Bioelectronics</i> , 2018, 102, 247-255.	5.3	61