

Ashish Kalkal

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1039406

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13
docs citations

13
times ranked

396
citing authors

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