

Supratim Mahapatra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6203734/publications.pdf>

Version: 2024-02-01

21
papers

493
citations

932766
10
h-index

752256
20
g-index

24
all docs

24
docs citations

24
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Approach To Synthesize Crystalline Nanoscale Zn ^{II} -Coordination Polymers: Cell Growth Inhibition and Immunofluorescence Study. <i>Inorganic Chemistry</i> , 2018, 57, 4050-4060.	1.9	107
2	Amelioration of diabetic nephropathy using pomegranate peel extract-stabilized gold nanoparticles: assessment of NF- κ B and Nrf2 signaling system. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1753-1777.	3.3	79
3	Clinically practiced and commercially viable nanobio engineered analytical methods for COVID-19 diagnosis. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112361.	5.3	79
4	A new triazine based Γ -conjugated mesoporous 2D covalent organic framework: its <i>in vitro</i> anticancer activities. <i>Chemical Communications</i> , 2018, 54, 11475-11478.	2.2	37
5	Nanobioengineered Sensing Technologies Based on Cellulose Matrices for Detection of Small Molecules, Macromolecules, and Cells. <i>Biosensors</i> , 2021, 11, 168.	2.3	25
6	Ultrasensitive Aptasensors for the Detection of Viruses Based on Opto-Electrochemical Readout Systems. <i>Biosensors</i> , 2022, 12, 81.	2.3	23
7	Amberlite XAD-4 based electrochemical sensor for diclofenac detection in urine and commercial tablets. <i>Materials Chemistry and Physics</i> , 2021, 273, 125044.	2.0	20
8	Ultra-sensitive detection of tizanidine in commercial tablets and urine samples using zinc oxide coated glassy carbon electrode. <i>Microchemical Journal</i> , 2022, 172, 106956.	2.3	14
9	Bio-Nano-Interface Engineering Strategies of AuNPs Passivation for Next-Generation Biomedical Applications. , 2020, , 215-231.		13
10	Marine biological macromolecules as matrix material for biosensor fabrication. <i>Biotechnology and Bioengineering</i> , 2022, 119, 2046-2063.	1.7	13
11	N-acetyl-d-glucosamine decorated nano-lipid-based carriers as theranostics module for targeted anti-cancer drug delivery. <i>Materials Chemistry and Physics</i> , 2022, 282, 125956.	2.0	12
12	Advanced Biosensing Methodologies for Ultrasensitive Detection of Human Coronaviruses. <i>Medical Virology</i> , 2020, , 19-36.	2.1	10
13	Nanomaterial Functionalization Strategies in Bio-Interface Development for Modern Diagnostic Devices. , 2020, , 195-214.		9
14	Nano-bioengineered sensing technologies for real-time monitoring of reactive oxygen species in <i>in vitro</i> and <i>in vivo</i> models. <i>Microchemical Journal</i> , 2022, 180, 107615.	2.3	9
15	Lipid based nanocarriers: Production techniques, concepts, and commercialization aspect. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103526.	1.4	8
16	Green facile synthesis to develop nanoscale coordination polymers as lysosome-targetable luminescent bioprobes. <i>Biomaterials Science</i> , 2021, 9, 124-132.	2.6	7
17	Nano-bioengineered silk matrix based devices for molecular bioanalysis. <i>Biotechnology and Bioengineering</i> , 2022, 119, 784-806.	1.7	7
18	Design and development of lactoferrin conjugated lipid-polymer nano-bio-hybrid for cancer theranostics. <i>Materials Today Communications</i> , 2022, 31, 103548.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Insights into Novel Coronavirus and COVID-19 Outbreak. <i>Medical Virology</i> , 2020, , 1-17.	2.1	5
20	Electrochemical biosensors for monitoring of bioorganic and inorganic chemical pollutants in biological and environmental matrices. , 2022, , 509-531.		3
21	Engineering Design, Implementation, and Sensing Mechanisms of Wearable Bioelectronic Sensors in Clinical Settings. <i>Electroanalysis</i> , 2023, 35, .	1.5	3