

Narsingh R Nirala

List of Publications by Year in descending order

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26
papers

927
citations

471509

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docs citations

28
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1534
citing authors

#	ARTICLE	IF	CITATIONS
1	N-acetyl- β -D-glucosaminidase activity assay for monitoring insulin-dependent diabetes using Ag-porous Si SERS platform. <i>Talanta</i> , 2022, 239, 123087.	5.5	7
2	Bovine mastitis inflammatory assessment using silica coated ZnO-NPs induced fluorescence of NAGase biomarker assay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119769.	3.9	1
3	Facile and selective colorimetric assay of choline based on AuNPs-WS ₂ QDs as a peroxidase mimic. <i>Microchemical Journal</i> , 2021, 167, 106312.	4.5	5
4	N-acetyl- β -D-glucosaminidase biomarker quantification in milk using Ag-porous Si SERS platform for mastitis severity evaluation. <i>Applied Surface Science</i> , 2021, 566, 150700.	6.1	5
5	Ultrasensitive haptoglobin biomarker detection based on amplified chemiluminescence of magnetite nanoparticles. <i>Journal of Nanobiotechnology</i> , 2020, 18, 6.	9.1	21
6	A composite prepared from MoS ₂ quantum dots and silver nanoparticles and stimulated by mercury(II) is a robust oxidase mimetic for use in visual determination of cysteine. <i>Mikrochimica Acta</i> , 2020, 187, 74.	5.0	17
7	Amplified Fluorescence by ZnO Nanoparticles vs. Quantum Dots for Bovine Mastitis Acute Phase Response Evaluation in Milk. <i>Nanomaterials</i> , 2020, 10, 549.	4.1	10
8	Gold Nanoparticle Size-Dependent Enhanced Chemiluminescence for Ultra-Sensitive Haptoglobin Biomarker Detection. <i>Biomolecules</i> , 2019, 9, 372.	4.0	14
9	Enhanced Fluorescence of N-Acetyl- β -D-Glucosaminidase Activity by ZnO Quantum Dots for Early Stage Mastitis Evaluation. <i>Frontiers in Chemistry</i> , 2019, 7, 754.	3.6	6
10	Milk haptoglobin detection based on enhanced chemiluminescence of gold nanoparticles. <i>Talanta</i> , 2019, 197, 257-263.	5.5	24
11	A nanoporous palladium(II) bridged coordination polymer acting as a peroxidase mimic in a method for visual detection of glucose in tear and saliva. <i>Mikrochimica Acta</i> , 2018, 185, 245.	5.0	19
12	One step synthesis of AuNPs@MoS ₂ -QDs composite as a robust peroxidase- mimetic for instant unaided eye detection of glucose in serum, saliva and tear. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 109-119.	7.8	89
13	A comparative Study of Aptasensor Vs Immunosensor for Label-Free PSA Cancer Detection on QDs-AuNRs Modified Screen-Printed Electrodes. <i>Scientific Reports</i> , 2018, 8, 1923.	3.3	72
14	Quick colorimetric determination of choline in milk and serum based on the use of MoS ₂ nanosheets as a highly active enzyme mimetic. <i>Mikrochimica Acta</i> , 2018, 185, 224.	5.0	40
15	Colorimetric detection of cholesterol based on enzyme modified gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 506-512.	3.9	49
16	Determination of the Anti-HIV Drug Nevirapine Using Electroactive 2D Material Pd@rGO Decorated with MoS ₂ Quantum Dots. <i>ChemistrySelect</i> , 2018, 3, 5341-5347.	1.5	19
17	Catalytically Active Enzyme Mimetic Nanomaterials and Their Role in Biosensing. , 2018, , 285-300.		0
18	One step electro-oxidative preparation of graphene quantum dots from wood charcoal as a peroxidase mimetic. <i>Talanta</i> , 2017, 173, 36-43.	5.5	86

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19	Homogenous Dispersion of MoS ₂ Nanosheets in Polyindole Matrix at Air-Water Interface Assisted by Langmuir Technique. <i>Langmuir</i> , 2017, 33, 13572-13580.	3.5	24
20	Different shades of cholesterol: Gold nanoparticles supported on MoS ₂ nanoribbons for enhanced colorimetric sensing of free cholesterol. <i>Biosensors and Bioelectronics</i> , 2015, 74, 207-213.	10.1	103
21	Urease Immobilized Fluorescent Gold Nanoparticles for Urea Sensing. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 480-492.	2.9	14
22	Colorimetric detection of cholesterol based on highly efficient peroxidase mimetic activity of graphene quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2015, 218, 42-50.	7.8	159
23	Functional graphene-gold nanoparticle hybrid system for enhanced electrochemical biosensing of free cholesterol. <i>Analytical Methods</i> , 2015, 7, 3993-4002.	2.7	19
24	Partially reduced graphene oxide-gold nanorods composite based bioelectrode of improved sensing performance. <i>Talanta</i> , 2015, 144, 745-754.	5.5	22
25	Enhanced electrochemical biosensing efficiency of silica particles supported on partially reduced graphene oxide for sensitive detection of cholesterol. <i>Journal of Electroanalytical Chemistry</i> , 2015, 757, 65-72.	3.8	28
26	A chitosan-based polyaniline-Au nanocomposite biosensor for determination of cholesterol. <i>Analytical Methods</i> , 2014, 6, 817-824.	2.7	73