

Sitansu Sekhar Nanda

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

986
citations

567281

15
h-index

434195

31
g-index

37
all docs

37
docs citations

37
times ranked

1910
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis, prevention, and treatment of coronavirus disease: a review. <i>Expert Review of Anti-Infective Therapy</i> , 2022, 20, 243-266.	4.4	14
2	Fibres and films made from DNA and CTMA-modified DNA embedded with gold nanorods and organic light-emitting materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112291.	5.0	3
3	Impact of Indazole Scaffold as Antibacterial and Antifungal Agent. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1152-1159.	2.1	7
4	Gold-Nanorod-Based Scaffolds for Wound-Healing Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 8640-8648.	5.0	9
5	Cancer Cell Detection on the Surface of Top-Gated Monolayer Graphene via Raman Spectroscopy. <i>ACS Applied Bio Materials</i> , 2021, 4, 1493-1498.	4.6	4
6	Chalcones and Bis-Chalcones Analogs as DPPH and ABTS Radical Scavengers. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 249-257.	0.7	12
7	A Green Metal-Organic Framework-Cyclodextrin MOF: A Novel Multifunctional Material Based Triboelectric Nanogenerator for Highly Efficient Mechanical Energy Harvesting. <i>Advanced Functional Materials</i> , 2021, 31, 2101829.	14.9	64
8	Enhanced proliferation of rabbit chondrocytes by using a well circulated nanoshock system. <i>Scientific Reports</i> , 2021, 11, 19388.	3.3	4
9	GSK-3 Inhibitors in the Regulation and Control of Colon Carcinoma. <i>Current Drug Targets</i> , 2021, 22, 1485-1495.	2.1	1
10	Strategies for the Development of Metallic-Nanoparticle-Based Label-Free Biosensors and Their Biomedical Applications. <i>ChemBioChem</i> , 2020, 21, 576-600.	2.6	34
11	Mechanophysical Cues in Extracellular Matrix Regulation of Cell Behavior. <i>ChemBioChem</i> , 2020, 21, 1254-1264.	2.6	28
12	Effects of Aspect Ratio Heterogeneity of an Assembly of Gold Nanorod on Localized Surface Plasmon Resonance. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5972-5979.	4.6	18
13	Monolayer Quantum-Dot Based Light-Sensor by a Photo-Electrochemical Mechanism. <i>Micromachines</i> , 2020, 11, 817.	2.9	0
14	Cancer Cell Growth in the Near Infrared Region by Using Silica Coated Gold Nanorods. <i>Nano</i> , 2020, 15, 2050001.	1.0	7
15	Large-area synthesis of van der Waals two-dimensional material Nb ₃ Br ₈ and its infrared detection applications. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154877.	5.5	15
16	Designed growth of porous 2D Nb ₂ O ₅ with Ag nano-particles for differential detection of UV-A and UV-C. <i>Nanotechnology</i> , 2020, 31, 315502.	2.6	1
17	Construction of Alizarin Conjugated Graphene Oxide Composites for Inhibition of <i>Candida albicans</i> Biofilms. <i>Biomolecules</i> , 2020, 10, 565.	4.0	15
18	Structural and electronic structure investigations on sonication based synthesized graphene oxide and reduced-graphene oxide nano-sheets. <i>Physica Scripta</i> , 2019, 94, 125807.	2.5	6

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19	Experimental and Theoretical Structural Characterization of Cu@Au Tripods for Photothermal Anticancer Therapy. <i>ACS Applied Nano Materials</i> , 2019, 2, 3735-3742.	5.0	17
20	A new device concept for bacterial sensing by Raman spectroscopy and voltage-gated monolayer graphene. <i>Nanoscale</i> , 2019, 11, 8528-8537.	5.6	15
21	Structural and Electrical Properties of Nb ₃ Te ₈ Layered Crystal. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1800448.	2.4	18
22	Hydroxyapatite-alginate Based Matrices for Drug Delivery. <i>Current Pharmaceutical Design</i> , 2019, 25, 3406-3416.	1.9	27
23	Antidiabetic, antioxidant and <i>in silico</i> studies of bacterial endosymbiont inhabiting <i>Nephelepis lappaceum</i> L.. <i>Analele Universit�ii Ovidius Constan�a: Seria Chimie</i> , 2019, 30, 95-100.	0.9	5
24	Structural, electronic structure and antibacterial properties of graphene-oxide nano-sheets. <i>Chemical Physics Letters</i> , 2018, 698, 85-92.	2.6	35
25	Plasmonic organic bulk heterojunction solar cells based on hydrophobic gold nanorod insertion into active layers. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45920.	2.6	8
26	SCREENING ANTIMICROBIAL POTENTIAL FOR MALAYSIAN ORIGINATED TAMARINDUS INDICA ETHANOLIC LEAVES EXTRACT. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 361.	0.3	4
27	Chalcones and bis-chalcones: As potential α -amylase inhibitors; synthesis, <i>in vitro</i> screening, and molecular modelling studies. <i>Bioorganic Chemistry</i> , 2018, 79, 179-189.	4.1	39
28	Recent advances in biocompatible semiconductor nanocrystals for immunobiological applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 644-654.	5.0	8
29	Recent progress in nanotechnology for stem cell differentiation, labeling, tracking and therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9429-9451.	5.8	49
30	Study of antibacterial mechanism of graphene oxide using Raman spectroscopy. <i>Scientific Reports</i> , 2016, 6, 28443.	3.3	173
31	Raman spectrum of graphene with its versatile future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 125-131.	11.4	116
32	Graphene Oxide Based Fluorometric Detection of Hydrogen Peroxide in Milk. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1181-1185.	0.9	7
33	Oxidative stress and antibacterial properties of graphene oxide-cystamine nanohybrid. <i>International Journal of Nanomedicine</i> , 2015, 10, 549.	6.7	46
34	Measurement of creatinine in human plasma using a functional porous polymer structure sensing motif. <i>International Journal of Nanomedicine</i> , 2015, 10 Spec Iss, 93.	6.7	5
35	Functionalization of Graphene Oxide and its Biomedical Applications. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2015, 40, 291-315.	12.3	152
36	Nanohybridization of Low-Dimensional Nanomaterials: Synthesis, Classification, and Application. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2013, 38, 1-56.	12.3	20