

# Neeladrisingha Das

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

408  
citations

932766

10  
h-index

839053

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and investigation of synergistic antibacterial activity and cell viability of silver-sulfur doped graphene quantum dot (Ag@S-GQDs) nanocomposites. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3028-3037.	2.9	69
2	Synthesis and characterization of gelatin-PVP polymer composite scaffold for potential application in bone tissue engineering. <i>European Polymer Journal</i> , 2019, 119, 155-168.	2.6	68
3	Repurposing therapeutics for COVID-19: Rapid prediction of commercially available drugs through machine learning and docking. <i>PLoS ONE</i> , 2020, 15, e0241543.	1.1	52
4	A comparative analysis of various flavonoids in the regulation of obesity and diabetes: An in vitro and in vivo study. <i>Journal of Functional Foods</i> , 2019, 59, 194-205.	1.6	45
5	An Assessment on Impact of COVID-19 Infection in a Gender Specific Manner. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 94-112.	1.7	37
6	Targeted bioimaging and sensing of folate receptor-positive cancer cells using folic acid-conjugated sulfur-doped graphene quantum dots. <i>Mikrochimica Acta</i> , 2020, 187, 458.	2.5	36
7	Synthesis of fluorescent MOFs: live-cell imaging and sensing of a herbicide. <i>CrystEngComm</i> , 2020, 22, 4468-4477.	1.3	22
8	Ligand substituent effect on the cytotoxicity activity of two new copper(II) complexes bearing 8-hydroxyquinoline derivatives: validated by MTT assay and apoptosis in MCF-7 cancer cell line (human breast cancer). <i>RSC Advances</i> , 2021, 11, 14362-14373.	1.7	19
9	A highly transparent tri-polymer complex in situ hydrogel of HA, collagen and four-arm-PEG as potential vitreous substitute. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 065018.	1.7	15
10	Characterization of recombinant pumpkin 2S albumin and mutation studies to unravel potential DNA/RNA binding site. <i>Biochemical and Biophysical Research Communications</i> , 2021, 580, 28-34.	1.0	13
11	Involvement of Cdk1 in the etiology of type 2 diabetes mellitus and microvascular diabetic complications: a review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 991-1001.	0.8	7
12	Synthesis and cytotoxicity of novel 14 $\beta$ -(andrographolide-3-substitutedisoxazole-5-carboxylate) derivatives. <i>Natural Product Research</i> , 2021, 35, 3738-3744.	1.0	6
13	<i>Chimaphila umbellata</i> extract exerts anti-proliferative effect on human breast cancer cells via RIP1K/RIP3K-mediated necroptosis. <i>Phytomedicine Plus</i> , 2022, 2, 100159.	0.9	5
14	Understanding the molecular interactions of inhibitors against Bla1 beta-lactamase towards unraveling the mechanism of antimicrobial resistance. <i>International Journal of Biological Macromolecules</i> , 2021, 177, 337-350.	3.6	4
15	Variations in the SDN Loop of Class A Beta-Lactamases: A Study of the Molecular Mechanism of BlaC ( <i>Mycobacterium tuberculosis</i> ) to Alter the Stability and Catalytic Activity Towards Antibiotic Resistance of MBIs. <i>Frontiers in Microbiology</i> , 2021, 12, 710291.	1.5	3
16	Closed polybag foliar methyl-jasmonate treatment: New technology for rapid enhancement of bioactive withanolide biosynthesis in field-grown plants of <i>Withania somnifera</i> . <i>Industrial Crops and Products</i> , 2021, 162, 113262.	2.5	2
17	Robust expression of LINE-1 retrotransposon encoded proteins in oral squamous cell carcinoma. <i>BMC Cancer</i> , 2021, 21, 628.	1.1	2
18	Inhibitory effect of selected Indian honey on colon cancer cell growth by inducing apoptosis and targeting the $\beta^2$ -catenin/Wnt pathway. <i>Food and Function</i> , 0, , .	2.1	2

#	ARTICLE	IF	CITATIONS
19	Betel leaf extract and its major component hydroxychavicol promote osteogenesis and alleviate glucocorticoid-induced osteoporosis in rats. Food and Function, 2021, 12, 6603-6625.	2.1	1
20	Impact of coronavirus disease 2019 on diabetic patients: An endocrinological perspective for better management. , 0, 2, 85-91.		0