

# Neeladrisingha Das

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

181  
citations

7  
h-index

13  
g-index

20  
ext. papers

277  
ext. citations

4.8  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
19	Synthesis and characterization of gelatin-PVP polymer composite scaffold for potential application in bone tissue engineering. <i>European Polymer Journal</i> , <b>2019</b> , 119, 155-168	5.2	43
18	Repurposing therapeutics for COVID-19: Rapid prediction of commercially available drugs through machine learning and docking. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241543	3.7	28
17	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> , <b>2020</b> , 8, 3028-3037	7.3	23
16	An Assessment on Impact of COVID-19 Infection in a Gender Specific Manner. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 94-112	7.3	23
15	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> , <b>2019</b> , 59, 194-205	5.1	20
14	Targeted bioimaging and sensing of folate receptor-positive cancer cells using folic acid-conjugated sulfur-doped graphene quantum dots. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 458	5.8	13
13	Synthesis of fluorescent MOFs: live-cell imaging and sensing of a herbicide. <i>CrystEngComm</i> , <b>2020</b> , 22, 4468-4477	3.3	11
12	Characterization of recombinant pumpkin 2S albumin and mutation studies to unravel potential DNA/RNA binding site. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 580, 28-34	3.4	5
11	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> , <b>2021</b> , 11, 14362-14373	3.7	5
10	Synthesis and cytotoxicity of novel 14β(andrographolide-3-substitutedisoxazole-5-carboxylate) derivatives. <i>Natural Product Research</i> , <b>2021</b> , 35, 3738-3744	2.3	4
9	A highly transparent tri-polymer complexhydrogel of HA, collagen and four-arm-PEG as potential vitreous substitute. <i>Biomedical Materials (Bristol)</i> , <b>2021</b> , 16,	3.5	3
8	Understanding the molecular interactions of inhibitors against Bla1 beta-lactamase towards unraveling the mechanism of antimicrobial resistance. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 177, 337-350	7.9	1
7	Involvement of Cdkal1 in the etiology of type 2 diabetes mellitus and microvascular diabetic complications: a review. <i>Journal of Diabetes and Metabolic Disorders</i> ,1	2.5	0
6	Chimaphila umbellata extract exerts anti-proliferative effect on human breast cancer cells via RIP1K/RIP3K-mediated necroptosis. <i>Phytomedicine Plus</i> , <b>2021</b> , 100159		0
5	Variations in the SDN Loop of Class A Beta-Lactamases: A Study of the Molecular Mechanism of BlaC () to Alter the Stability and Catalytic Activity Towards Antibiotic Resistance of MBIs. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 710291	5.7	0
4	Closed polybag foliar methyl-jasmonate treatment: New technology for rapid enhancement of bioactive withanolide biosynthesis in field-grown plants of Withania somnifera. <i>Industrial Crops and Products</i> , <b>2021</b> , 162, 113262	5.9	0
3	Robust expression of LINE-1 retrotransposon encoded proteins in oral squamous cell carcinoma. <i>BMC Cancer</i> , <b>2021</b> , 21, 628	4.8	0

- 2 Betel leaf extract and its major component hydroxychavicol promote osteogenesis and alleviate glucocorticoid-induced osteoporosis in rats. *Food and Function*, **2021**, 12, 6603-6625 6.1
- 1 Impact of coronavirus disease 2019 on diabetic patients: An endocrinological perspective for better management<sup>2</sup>, 85-91