

# Desh Deepak Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/669835/publications.pdf>

Version: 2024-02-01

42  
papers

707  
citations

516710  
16  
h-index

580821  
25  
g-index

44  
all docs

44  
docs citations

44  
times ranked

917  
citing authors

#	ARTICLE	IF	CITATIONS
1	A database analysis of jacalin-like lectins: sequence-structure-function relationships. <i>Glycobiology</i> , 2004, 14, 1247-1263.	2.5	70
2	Unusual sugar specificity of banana lectin from <i>Musa paradisiaca</i> and its probable evolutionary origin. Crystallographic and modelling studies. <i>Glycobiology</i> , 2005, 15, 1025-1032.	2.5	61
3	Lectindb: a plant lectin database. <i>Glycobiology</i> , 2006, 16, 938-946.	2.5	53
4	TNBC: Potential Targeting of Multiple Receptors for a Therapeutic Breakthrough, Nanomedicine, and Immunotherapy. <i>Biomedicines</i> , 2021, 9, 876.	3.2	41
5	Innate and specific gut-associated immunity and microbial interference. <i>FEMS Immunology and Medical Microbiology</i> , 2009, 55, 6-12.	2.7	40
6	Cloning, expression and characterization of a mucin-binding GAPDH from <i>Lactobacillus acidophilus</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 91, 338-346.	7.5	33
7	Identification of suitable housekeeping genes for expression analysis in mammary epithelial cells of buffalo ( <i>Bubalus bubalis</i> ) during lactation cycle. <i>Livestock Science</i> , 2012, 147, 72-76.	1.6	29
8	Role of PARP in TNBC: Mechanism of Inhibition, Clinical Applications, and Resistance. <i>Biomedicines</i> , 2021, 9, 1512.	3.2	29
9	SARS-CoV-2: Emergence of New Variants and Effectiveness of Vaccines. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 777212.	3.9	29
10	CRISPR/Cas9 based genome editing for targeted transcriptional control in triple-negative breast cancer. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2384-2397.	4.1	22
11	A CRISPR/Cas9 based polymeric nanoparticles to treat/inhibit microbial infections. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 44-52.	5.0	21
12	Co-positivity of anti-dengue virus and anti-Japanese encephalitis virus IgM in endemic area: co-infection or cross reactivity?. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, 124-129.	0.8	20
13	Recent Advances in Pathophysiology, Drug Development and Future Perspectives of SARS-CoV-2. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580202.	3.7	20
14	Observation on dengue cases from a virus diagnostic laboratory of a tertiary care hospital in North India. <i>Indian Journal of Medical Research</i> , 2015, 142, 7.	1.0	20
15	Purification, crystallization and preliminary X-ray structure analysis of the banana lectin from <i>Musa paradisiaca</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2104-2106.	2.5	18
16	Characterization of a Kunitz-type serine protease inhibitor from <i>Solanum tuberosum</i> having lectin activity. <i>International Journal of Biological Macromolecules</i> , 2016, 83, 259-269.	7.5	18
17	Genetic variations (Arg5Pro and Leu6Pro) modulate the structure and activity of <sc>GPX</sc> 1 and genetic risk for vitiligo. <i>Experimental Dermatology</i> , 2016, 25, 654-657.	2.9	16
18	Molecular Diagnostic Tools for the Detection of SARS-CoV-2. <i>International Reviews of Immunology</i> , 2021, 40, 143-156.	3.3	16

#	ARTICLE	IF	CITATIONS
19	SARS-CoV-2: Recent Variants and Clinical Efficacy of Antibody-Based Therapy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 839170.	3.9	15
20	Biogenic Phytochemicals Modulating Obesity: From Molecular Mechanism to Preventive and Therapeutic Approaches. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-20.	1.2	14
21	L . donovani XPRT: Molecular characterization and evaluation of inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 426-441.	2.3	13
22	Breast Cancer Transcriptional Regulatory Network Reprogramming by using the CRISPR/Cas9 System: An Oncogenetics Perspective. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2800-2813.	2.1	13
23	Immunopathology, host-virus genome interactions, and effective vaccine development in SARS-CoV-2. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3774-3787.	4.1	12
24	Rapid diagnostic methods for SARS-CoV-2 (COVID-19) detection: an evidence-based report. <i>Journal of Medicine and Life</i> , 2021, 14, 431-442.	1.3	10
25	Scanning the Genome of <i>Mycobacterium tuberculosis</i> to Identify Potential Lectins. <i>Protein and Peptide Letters</i> , 2007, 14, 683-691.	0.9	9
26	<i>Jatropha curcas</i> hemagglutinin is similar to a 2S albumin allergen from the same source and has unique sugar affinities. <i>Planta</i> , 2012, 236, 1499-1505.	3.2	9
27	CRISPR/Cas9 guided genome and epigenome engineering and its therapeutic applications in immune mediated diseases. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 32-43.	5.0	9
28	X-ray studies on crystalline complexes involving amino acids and peptides. XLII. Adipic acid complexes of L- and DL-arginine and supramolecular association in arginineâ€“dicarboxylic acid complexes. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 89-95.	1.8	8
29	Current Potential Therapeutic Approaches against SARS-CoV-2: A Review. <i>Biomedicines</i> , 2021, 9, 1620.	3.2	7
30	Multipurpose Instantaneous Microarray Detection of Acute Encephalitis Causing Viruses and Their Expression Profiles. <i>Current Microbiology</i> , 2012, 65, 290-303.	2.2	6
31	Outbreaks of measles and chickenpox in eastern Uttar Pradesh, India. <i>Clinical Epidemiology and Global Health</i> , 2014, 2, 3-9.	1.9	5
32	Cloning, expression, purification, crystallization and preliminary X-ray studies of a secreted lectin (Rv1419) from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1662-1665.	0.7	4
33	Hydrophilic Acylated Surface Protein A (HASPA) of <i>Leishmania donovani</i> : Expression, Purification and Biophysico-Chemical Characterization. <i>Protein Journal</i> , 2017, 36, 343-351.	1.6	4
34	Purification, crystallization and preliminary X-ray characterization of a haemagglutinin from the seeds of <i>Jatropha curcas</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1534-1536.	0.7	3
35	Assessment of antimicrobial activity of hundreds extract of twenty Indian medicinal plants. <i>Biomedical Research (Aligarh, India)</i> , 2018, 29, .	0.1	3
36	Investigations on the biological activity of <i>Allium sativum</i> agglutinin (ASA) isolated from Garlic. <i>Protein and Peptide Letters</i> , 2022, 29, .	0.9	2

#	ARTICLE	IF	CITATIONS
37	Leishmania major: Genome analysis for identification of putative adhesin-like and other surface proteins. <i>Experimental Parasitology</i> , 2008, 118, 139-145.	1.2	1
38	Heterologous expression, purification and characterization of L-type lectin homologue from <i>Leishmania donovani</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 8, 81-87.	4.4	1
39	Efficacy of Antimicrobial properties of <i>Acalypha indica</i> against Clinical isolates of human Pathogen. <i>Research Journal of Pharmacy and Technology</i> , 2019, 12, 4231.	0.8	1
40	Assessment of Antimicrobial activity against clinical isolates of human pathogen, Physiochemical and Phytochemical Analysis of <i>Lantana indica</i> Roxb. <i>Research Journal of Pharmacy and Technology</i> , 2019, 12, 3873.	0.8	1
41	Role of metabolizing MTHFR gene polymorphism (rs1801133) and its mRNA expression among Type 2 Diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	1.9	1
42	Bioinformaticsâ€™Structural Biology Interface. , 2009, , 25-33.		0