

Sudhir Morla

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,499
citations

430874

18
h-index

395702

33
g-index

88
all docs

88
docs citations

88
times ranked

1905
citing authors

#	ARTICLE	IF	CITATIONS
1	Newcastle disease virus: Current status and our understanding. <i>Virus Research</i> , 2014, 184, 71-81.	2.2	263
2	Aldehyde group driven aggregation-induced enhanced emission in naphthalimides and its application for ultradetection of hydrazine on multiple platforms. <i>Chemical Science</i> , 2018, 9, 3978-3985.	7.4	111
3	An insight into non-integrative gene delivery approaches to generate transgene-free induced pluripotent stem cells. <i>Gene</i> , 2019, 686, 146-159.	2.2	77
4	Synonymous codon usage pattern in glycoprotein gene of rabies virus. <i>Gene</i> , 2016, 584, 1-6.	2.2	76
5	Multifunctional Nanohydroxyapatite-Promoted Toughened High-Molecular-Weight Stereocomplex Poly(lactic acid)-Based Bionanocomposite for Both 3D-Printed Orthopedic Implants and High-Temperature Engineering Applications. <i>ACS Omega</i> , 2017, 2, 4039-4052.	3.5	54
6	Organelle dynamics and viral infections: at cross roads. <i>Microbes and Infection</i> , 2019, 21, 20-32.	1.9	50
7	Multifunctional N-Doped Carbon Dots for Bimodal Detection of Bilirubin and Vitamin B ₁₂ , Living Cell Imaging, and Fluorescent Ink. <i>ACS Applied Bio Materials</i> , 2021, 4, 5201-5211.	4.6	40
8	Understanding the B and T cell epitopes of spike protein of severe acute respiratory syndrome coronavirus-2: A computational way to predict the immunogens. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104382.	2.3	36
9	Tuning the solubility of ionophores: glutathione-mediated transport of chloride ions across hydrophobic membranes. <i>Chemical Communications</i> , 2019, 55, 8482-8485.	4.1	32
10	Extraction, characterization of xylan from <i>Azadirachta indica</i> (neem) sawdust and production of antiproliferative xylooligosaccharides. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1897-1907.	7.5	26
11	Silk nano-discs: A natural material for cancer therapy. <i>Biopolymers</i> , 2018, 109, e23231.	2.4	24
12	4,5-Disubstituted 1,2,3-triazoles: Effective Inhibition of Indoleamine 2,3-Dioxygenase 1 Enzyme Regulates T cell Activity and Mitigates Tumor Growth. <i>Scientific Reports</i> , 2019, 9, 18455.	3.3	24
13	Infectious laryngotracheitis: Etiology, epidemiology, pathobiology, and advances in diagnosis and control – a comprehensive review. <i>Veterinary Quarterly</i> , 2020, 40, 140-161.	6.7	24
14	Computational guided drug repurposing for targeting 2'-O-ribose methyltransferase of SARS-CoV-2. <i>Life Sciences</i> , 2020, 259, 118169.	4.3	22
15	Toughened PLA-PCL-PLA triblock copolymer based biomaterials: effect of self-assembled nanostructure and stereocomplexation on the mechanical properties. <i>Polymer Chemistry</i> , 2021, 12, 3806-3824.	3.9	22
16	Chicken viperin inhibits Newcastle disease virus infection in vitro: A possible interaction with the viral matrix protein. <i>Cytokine</i> , 2019, 120, 28-40.	3.2	20
17	Complete Genome Sequence of a Newcastle Disease Virus Isolate from an Outbreak in Northern India. <i>Genome Announcements</i> , 2014, 2, .	0.8	19
18	Evidence of independent evolution of genotype XIII Newcastle disease viruses in India. <i>Archives of Virology</i> , 2017, 162, 997-1007.	2.1	18

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19	Bacterial protein azurin and derived peptides as potential anti-SARS-CoV-2 agents: insights from molecular docking and molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5706-5721.	3.5	18
20	Inhibiting protein phosphatase 2A increases the antitumor effect of protein arginine methyltransferase 5 inhibition in models of glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 1481-1493.	1.2	18
21	Effect of Block Length and Stereocomplexation on the Thermally Processable Poly(ϵ -caprolactone) and Poly(Lactic acid) Block Copolymers for Biomedical Applications. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3354-3365.	4.4	17
22	Molecular characterization of genotype XIIIb Newcastle disease virus from central India during 2006–2012: Evidence of its panzootic potential. <i>Microbial Pathogenesis</i> , 2016, 99, 83-86.	2.9	16
23	Isolation of novel variants of infectious bursal disease virus from different outbreaks in Northeast India. <i>Microbial Pathogenesis</i> , 2016, 93, 131-136.	2.9	16
24	Molecular characterization of Newcastle disease virus strains isolated from different outbreaks in Northeast India during 2014–15. <i>Microbial Pathogenesis</i> , 2016, 91, 85-91.	2.9	16
25	Emerging variant of genotype XIII Newcastle disease virus from Northeast India. <i>Acta Tropica</i> , 2017, 172, 64-69.	2.0	15
26	Newcastle disease virus outbreaks in India: Time to revisit the vaccine type and strategies. <i>Vaccine</i> , 2015, 33, 3268-3269.	3.8	14
27	Development of single dilution immunoassay to detect E2 protein specific classical swine fever virus antibody. <i>Veterinary Immunology and Immunopathology</i> , 2016, 172, 50-54.	1.2	14
28	Modulation of aggregation with an electric field; scientific roadmap for a potential non-invasive therapy against tauopathies. <i>RSC Advances</i> , 2019, 9, 4744-4750.	3.6	14
29	Amyloid Targeting – Artificial Chaperone – Impairs Oligomer Mediated Neuronal Damage and Mitochondrial Dysfunction Associated with Alzheimer’s Disease. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3277-3287.	3.5	14
30	The emergence of porcine circovirus 2 infections in the Northeastern part of India: A retrospective study from 2011 to 2017. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1959-1967.	3.0	13
31	Newcastle disease virus mediated apoptosis and migration inhibition of human oral cancer cells: A probable role of β -catenin and matrix metalloproteinase-7. <i>Scientific Reports</i> , 2019, 9, 10882.	3.3	13
32	Chloride Ion Transport by PITENINs across the Phospholipid Bilayers of Vesicles and Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 935-944.	4.6	13
33	Species Based Synonymous Codon Usage in Fusion Protein Gene of Newcastle Disease Virus. <i>PLoS ONE</i> , 2014, 9, e114754.	2.5	12
34	Camelpox: A brief review on its epidemiology, current status and challenges. <i>Acta Tropica</i> , 2016, 158, 32-38.	2.0	12
35	Molecular characterization of chicken anemia virus outbreaks in Nagpur province, India from 2012 to 2015. <i>Microbial Pathogenesis</i> , 2017, 102, 113-119.	2.9	12
36	Hit Multiple Targets with One Arrow: Pb ²⁺ and ClO ⁻ Detection by Edge Functionalized Graphene Quantum Dots and Their Applications in Living Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 7605-7614.	4.6	12

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37	Sulfonium-based liposome-encapsulated antibiotics deliver a synergistic antibacterial activity. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1005-1015.	3.9	12
38	Complete Genome Sequence of a Newcastle Disease Virus Isolate from an Outbreak in Central India. <i>Genome Announcements</i> , 2015, 3, .	0.8	11
39	Emergence of a deviating genotype VI pigeon paramyxovirus type-1 isolated from India. <i>Archives of Virology</i> , 2017, 162, 2169-2174.	2.1	11
40	Bio Pharmaceutics Classification System (BCS) Class IV Drug Nanoparticles: Quantum Leap to Improve Their Therapeutic Index. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 617-625.	1.4	11
41	Therapeutic potential of Nitazoxanide against Newcastle disease virus: A possible modulation of host cytokines. <i>Cytokine</i> , 2020, 131, 155115.	3.2	11
42	Lithium chloride functions as Newcastle disease virus-induced ER-stress modulator and confers anti-viral effect. <i>Virus Research</i> , 2021, 292, 198223.	2.2	11
43	Spectrum of Newcastle disease virus stability in gradients of temperature and pH. <i>Biologicals</i> , 2014, 42, 351-354.	1.4	10
44	Incidence of elephant endotheliotropic herpesvirus in Asian elephants in India. <i>Veterinary Microbiology</i> , 2017, 208, 159-163.	1.9	10
45	Evaluation of surface glycoproteins of classical swine fever virus as immunogens and reagents for serological diagnosis of infections in pigs: a recombinant Newcastle disease virus approach. <i>Archives of Virology</i> , 2019, 164, 3007-3017.	2.1	10
46	Evaluation of Japanese encephalitis virus E and NS1 proteins immunogenicity using a recombinant Newcastle disease virus in mice. <i>Vaccine</i> , 2020, 38, 1860-1868.	3.8	10
47	Modulation of tau protein aggregation using "Trojan"™ sequences. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129569.	2.4	10
48	Recombinant phosphoprotein based single serum dilution ELISA for rapid serological detection of Newcastle disease virus. <i>Journal of Virological Methods</i> , 2015, 225, 64-69.	2.1	9
49	Newcastle disease virus: A constant threat to the poultry industry in India. <i>Vaccine</i> , 2016, 34, 597-598.	3.8	9
50	Effect of phylogenetic diversity of velogenic Newcastle disease virus challenge on virus shedding post homologous and heterologous DNA vaccination in chickens. <i>Avian Pathology</i> , 2016, 45, 228-234.	2.0	9
51	Molecular characterization of classical swine fever virus isolates from India during 2012-14. <i>Acta Tropica</i> , 2017, 170, 184-189.	2.0	8
52	Glycoprotein D peptide-based diagnostic approach for the detection of avian infectious laryngotracheitis antibodies. <i>Avian Pathology</i> , 2019, 48, 602-609.	2.0	8
53	Hydrogel Formation by an Aromatic Analogue of a β -Amyloid Fragment, A β ₁₆ : A Scaffold for 3D Cell Culture. <i>ACS Omega</i> , 2019, 4, 620-627.	3.5	8
54	Sunlight-Mediated Thiol-ene/Click Reaction: Synthesis and DNA Transfection Efficiency of New Cationic Lipids. <i>ACS Omega</i> , 2020, 5, 735-750.	3.5	8

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55	Avian infectious laryngotracheitis: A neglected poultry health threat in India. <i>Vaccine</i> , 2016, 34, 4276-4277.	3.8	7
56	Characterization of duck plague virus stability at extreme conditions of temperature, pH and salt concentration. <i>Biologicals</i> , 2017, 45, 102-105.	1.4	7
57	Molecular characterization of Camel pox virus isolates from Bikaner, India: Evidence of its endemicity. <i>Acta Tropica</i> , 2017, 171, 1-5.	2.0	7
58	Analysis of synonymous codon usage in spike protein gene of infectious bronchitis virus. <i>Canadian Journal of Microbiology</i> , 2015, 61, 983-989.	1.7	6
59	Enhanced cytopathic effect of Japanese encephalitis virus strain SA14-14-2: Probable association of mutation in amino acid of its envelope protein. <i>Microbial Pathogenesis</i> , 2017, 111, 187-192.	2.9	6
60	Analysis of codon usage pattern in the viral proteins of chicken anaemia virus and its possible biological relevance. <i>Infection, Genetics and Evolution</i> , 2019, 69, 93-106.	2.3	6
61	Modulating $\text{A}\beta$ Fibrillogenesis with α -Trojan™ peptides. <i>Neuropeptides</i> , 2020, 81, 102030.	2.2	6
62	Estrogen suppresses HOXB2 expression via ER α in breast cancer cells. <i>Gene</i> , 2021, 794, 145746.	2.2	6
63	Pathodynamics of Circulating Strains of Duck Enteritis Virus: A Step Forward to Understand Its Pathogenesis. <i>Avian Diseases</i> , 2020, 64, 166.	1.0	6
64	DNA vaccine against infectious bursal disease virus: Still more to explore. <i>Veterinary Microbiology</i> , 2015, 175, 389-390.	1.9	5
65	Evaluation of infectious bursal disease virus stability at different conditions of temperature and pH. <i>Biologicals</i> , 2015, 43, 515-518.	1.4	5
66	Synonymous codon usage of genes in polymerase complex of Newcastle disease virus. <i>Journal of Basic Microbiology</i> , 2017, 57, 481-503.	3.3	5
67	Emergence of a genotype I variant of avian infectious bronchitis virus from Northern part of India. <i>Acta Tropica</i> , 2018, 183, 57-60.	2.0	5
68	Resiquimod inhibits Newcastle disease virus replication by modulating host cytokines: An understanding towards its possible therapeutics. <i>Cytokine</i> , 2020, 125, 154811.	3.2	5
69	Modulation of immune response in Ebola virus disease. <i>Current Opinion in Pharmacology</i> , 2021, 60, 158-167.	3.5	5
70	Formulation and Characterization of Propranolol Nanoparticles for Transmucosal Nasal Drug Delivery. <i>Macromolecular Symposia</i> , 2015, 347, 32-38.	0.7	4
71	Polymyxin B accelerates the $\text{A}\beta$ -synuclein aggregation. <i>Biophysical Chemistry</i> , 2021, 277, 106628.	2.8	4
72	Analysis of codon usage pattern of infectious laryngotracheitis virus immunogenic glycoproteins and its biological implications. <i>Infection, Genetics and Evolution</i> , 2018, 62, 53-59.	2.3	3

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73	Role of cholesterol in anacid herpesvirus 1 infections in vitro. <i>Virus Research</i> , 2020, 290, 198174.	2.2	3
74	Site-specific single point mutation by anthranilic acid in hIAPP8â€“37 enhances anti-amyloidogenic activity. <i>RSC Chemical Biology</i> , 2021, 2, 266-273.	4.1	3
75	Analysis of the beak and feather disease viral genome indicates evidence of multiple introduction events into Saudi Arabia. <i>Virus Research</i> , 2021, 295, 198279.	2.2	3
76	Analysis of Process and Formulation Variables on Chitosan based Losartan Potassium Nanoparticles: Preparation, Validation and in vitro Release Kinetics. <i>Recent Innovations in Chemical Engineering</i> , 2020, 13, 41-54.	0.4	3
77	Sexual transmission of Zika virus: more to explore. <i>The Lancet Global Health</i> , 2018, 6, e618.	6.3	2
78	Reduction in antimicrobial resistance by the way of extensive vaccination. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 2955-2956.	3.3	2
79	STEM-16. DUAL INHIBITION OF PROTEIN ARGININE METHYLTRANSFERASE 5 AND PROTEIN PHOSPHATASE 2A ENHANCES THE ANTI-TUMOR EFFICACY IN PRIMARY GLIOBLASTOMA NEUROSPHERES. <i>Neuro-Oncology</i> , 2019, 21, vi237-vi237.	1.2	1
80	Characterization of nucleocapsid and matrix proteins of Newcastle disease virus in yeast. <i>3 Biotech</i> , 2021, 11, 65.	2.2	1
81	Vaccines efficacy to SARS-CoV-2 variants require holistic knowledge of viral immunology and protein biochemistry. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 4128-4130.	3.3	1
82	Reverse Genetics and Its Usage in the Development of Vaccine Against Poultry Diseases. <i>Methods in Molecular Biology</i> , 2022, 2411, 77-92.	0.9	1
83	Adaptation and characterization of Anacid herpesvirus 1 in different permissible cell lines. <i>Biologicals</i> , 2021, 70, 1-6.	1.4	0
84	Immune variants of SARS-CoV-2 could be a significant challenge for developing a pan genotype-specific vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2024, 17, 5145-5147.	3.3	0
85	STEM-23. INHIBITING PROTEIN PHOSPHATASE 2A INCREASES THE ANTITUMOR EFFECT OF PROTEIN ARGININE METHYLTRANSFERASE 5 INHIBITION IN MODELS OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii201-ii201.	1.2	0