

Durga C Rao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

669
citations

623734

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21
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Antigenic Diversity of Enteroviruses Associated with Nonpolio Acute Flaccid Paralysis, India, 2007–2009. <i>Emerging Infectious Diseases</i> , 2012, 18, 1833-1840.	4.3	112
2	Development of Candidate Rotavirus Vaccines Derived from Neonatal Strains in India. <i>Journal of Infectious Diseases</i> , 2005, 192, S30-S35.	4.0	70
3	Safety and immunogenicity of two live attenuated human rotavirus vaccine candidates, 116E and I321, in infants: Results of a randomised controlled trial. <i>Vaccine</i> , 2006, 24, 5817-5823.	3.8	66
4	Characterization of human symptomatic rotavirus isolates MP409 and MP480 having 'long' RNA electropherotype and subgroup I specificity, highly related to the P6[1],G8 type bovine rotavirus A5, from Mysore, India. <i>Archives of Virology</i> , 2000, 145, 1339-1357.	2.1	51
5	Non-polio enteroviruses and their association with acute diarrhea in children in India. <i>Infection, Genetics and Evolution</i> , 2013, 17, 153-161.	2.3	50
6	Epidemiology of symptomatic human rotaviruses in Bangalore and Mysore, India, from 1988 to 1994 as determined by electropherotype, subgroup and serotype analysis. <i>Archives of Virology</i> , 1996, 141, 715-726.	2.1	45
7	Prevalence of, and antigenic variation in, serotype G10 rotaviruses and detection of serotype G3 strains in diarrheic calves: Implications for the origin of G10P11 or P11 type reassortant asymptomatic strains in newborn children in India. <i>Archives of Virology</i> , 2002, 147, 143-165.	2.1	42
8	Possible Role of Neonatal Infection with the Asymptomatic Reassortant Rotavirus (RV) Strain I321 in the Decrease in Hospital Admissions for RV Diarrhea, Bangalore, India, 1988–1999. <i>Journal of Infectious Diseases</i> , 2004, 189, 2282-2289.	4.0	33
9	N- and C-Terminal Cooperation in Rotavirus Enterotoxin: Novel Mechanism of Modulation of the Properties of a Multifunctional Protein by a Structurally and Functionally Overlapping Conformational Domain. <i>Journal of Virology</i> , 2006, 80, 412-425.	3.4	27
10	Rotavirus Induces Formation of Remodeled Stress Granules and P Bodies and Their Sequestration in Viroplasm To Promote Progeny Virus Production. <i>Journal of Virology</i> , 2018, 92, .	3.4	25
11	Cytoplasmic Relocalization and Colocalization with Viroplasms of Host Cell Proteins, and Their Role in Rotavirus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	25
12	Understanding the penetrance of intrinsic protein disorder in rotavirus proteome. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 892-908.	7.5	24
13	The flexible C terminus of the rotavirus non-structural protein NSP4 is an important determinant of its biological properties. <i>Journal of General Virology</i> , 2008, 89, 1485-1496.	2.9	19
14	Large-scale HFMD epidemics caused by Coxsackievirus A16 in Bangalore, India during 2013 and 2015. <i>Infection, Genetics and Evolution</i> , 2017, 55, 228-235.	2.3	18
15	Non-polio enterovirus association with persistent diarrhea in children as revealed by a follow-up study of an Indian cohort during the first two years of life. <i>Journal of Clinical Virology</i> , 2014, 61, 125-131.	3.1	14
16	Differential Influence of Ions on the Copy Number of Plasmids in <i>Thiobacillus ferrooxidans</i> . <i>Current Microbiology</i> , 1996, 32, 57-63.	2.2	12
17	Enteroviruses in gastrointestinal diseases. <i>Reviews in Medical Virology</i> , 2021, 31, 1-12.	8.3	10
18	Nucleotide sequence and expression in <i>E. coli</i> of the complete P4 type VP4 from a G2 serotype human rotavirus. <i>Archives of Virology</i> , 1996, 141, 315-329.	2.1	8

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19	Translational Up-Regulation and High-Level Protein Expression from Plasmid Vectors by mTOR Activation via Different Pathways in PC3 and 293T Cells. PLoS ONE, 2010, 5, e14408.	2.5	6
20	Non-diarrhoeal increased frequency of bowel movements (IFoBM-ND): enterovirus association with the symptoms in children. BMJ Open Gastroenterology, 2014, 1, e000011.	2.7	6
21	An enzyme-linked immuno focus assay for rapid detection and enumeration, and a newborn mouse model for human non-polio enteroviruses associated with acute diarrhea. Journal of Virological Methods, 2015, 224, 47-52.	2.1	6