Sasirekha Ramani

List of Publications by Year in descending order

64 papers	4,637 citations	126907 33 h-index	123424 61 g-index
67 all docs	67 docs citations	67 times ranked	4705 citing authors

#	Article	IF	Citations
1	Distinct gene expression profiles between human preterm-derived and adult-derived intestinal organoids exposed to<i>Enterococcus faecalis</i>: a pilot study. Gut, 2022, 71, 2141-2143.	12.1	10
2	Birth Cohort Studies: Toward Understanding Protective Immunity to Human Noroviruses. Clinical Infectious Diseases, 2021, 72, 230-232.	5.8	2
3	Meta-analysis of host transcriptional responses to SARS-CoV-2 infection reveals their manifestation in human tumors. Scientific Reports, 2021, 11, 2459.	3.3	17
4	New Insights and Enhanced Human Norovirus Cultivation in Human Intestinal Enteroids. MSphere, 2021, 6, .	2.9	78
5	Norovirus in Cancer Patients: A Review. Open Forum Infectious Diseases, 2021, 8, ofab126.	0.9	6
6	Organoids to Dissect Gastrointestinal Virusâ€"Host Interactions: What Have We Learned?. Viruses, 2021, 13, 999.	3.3	11
7	Persistence of G10P[11] neonatal rotavirus infections in southern India. Journal of Clinical Virology, 2021, 144, 104989.	3.1	4
8	Glycan Recognition in Human Norovirus Infections. Viruses, 2021, 13, 2066.	3.3	15
9	Drivers of transcriptional variance in human intestinal epithelial organoids. Physiological Genomics, 2021, 53, 486-508.	2.3	17
10	Norovirus Protease Structure and Antivirals Development. Viruses, 2021, 13, 2069.	3.3	3
11	700. Risk Factors and Molecular Epidemiology of Acute and Chronic Norovirus Infection at a Large Tertiary Care Cancer Center. Open Forum Infectious Diseases, 2021, 8, S450-S451.	0.9	0
12	Two- and Three-Dimensional Bioengineered Human Intestinal Tissue Models for Cryptosporidium. Methods in Molecular Biology, 2020, 2052, 373-402.	0.9	22
13	Bile acids and ceramide overcome the entry restriction for GII.3 human norovirus replication in human intestinal enteroids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1700-1710.	7.1	75
14	Diversity of rotavirus genotypes circulating in children <â€‰5â€‰years of age hospitalized for acute gastroenteritis in India from 2005 to 2016: analysis of temporal and regional genotype variation. BMC Infectious Diseases, 2020, 20, 740.	2.9	13
15	Human norovirus exhibits strain-specific sensitivity to host interferon pathways in human intestinal enteroids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23782-23793.	7.1	63
16	Genetic Manipulation of Human Intestinal Enteroids Demonstrates the Necessity of a Functional Fucosyltransferase 2 Gene for Secretor-Dependent Human Norovirus Infection. MBio, 2020, 11, .	4.1	65
17	Establishing Human Intestinal Enteroid/Organoid Lines from Preterm Infant and Adult Tissue. Methods in Molecular Biology, 2020, 2121, 185-198.	0.9	20
18	1098. Norovirus Infection in Cancer Patients Undergoing Chimeric Antigen Receptor T-cell Immunotherapy (CAR-T). Open Forum Infectious Diseases, 2020, 7, S578-S579.	0.9	1

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19	Human Norovirus Cultivation in Nontransformed Stem Cell-Derived Human Intestinal Enteroid Cultures: Success and Challenges. Viruses, 2019, 11, 638.	3.3	84
20	Comparison of Microneutralization and Histo-Blood Group Antigenâ€"Blocking Assays for Functional Norovirus Antibody Detection. Journal of Infectious Diseases, 2019, 221, 739-743.	4.0	34
21	2650. Evaluating Antiviral Agents for Human Noroviruses Using a Human Intestinal Enteroid Model. Open Forum Infectious Diseases, 2019, 6, S927-S928.	0.9	0
22	Influence of histo blood group antigen expression on susceptibility to enteric viruses and vaccines. Current Opinion in Infectious Diseases, 2019, 32, 445-452.	3.1	21
23	Going Viral! Unraveling the Impact of Nonpolio Enteroviruses on Oral Vaccine Responses. Journal of Infectious Diseases, 2019, 219, 1173-1175.	4.0	2
24	Predominance of Rotavirus G8P[8] in a City in Chile, a Country Without Rotavirus Vaccination. Journal of Pediatrics, 2019, 204, 298-300.e1.	1.8	8
25	Human VP8* mAbs neutralize rotavirus selectively in human intestinal epithelial cells. Journal of Clinical Investigation, 2019, 129, 3839-3851.	8.2	32
26	Multidisciplinary Studies on Rotavirusâ€"Human Milk Oligosaccharide Interactions. Breastfeeding Medicine, 2018, 13, S-9-S-10.	1.7	0
27	Human organoid cultures: transformative new tools for human virus studies. Current Opinion in Virology, 2018, 29, 79-86.	5.4	78
28	Engineered Human Gastrointestinal Cultures to Study the Microbiome and Infectious Diseases. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 241-251.	4.5	82
29	Causes of impaired oral vaccine efficacy in developing countries. Future Microbiology, 2018, 13, 97-118.	2.0	154
30	Human milk oligosaccharides, milk microbiome and infant gut microbiome modulate neonatal rotavirus infection. Nature Communications, 2018, 9, 5010.	12.8	130
31	Human noroviruses: recent advances in a 50-year history. Current Opinion in Infectious Diseases, 2018, 31, 422-432.	3.1	103
32	Glycan recognition in globally dominant human rotaviruses. Nature Communications, 2018, 9, 2631.	12.8	63
33	B-Cell Responses to Intramuscular Administration of a Bivalent Virus-Like Particle Human Norovirus Vaccine. Vaccine Journal, 2017, 24, .	3.1	17
34	Human Intestinal Enteroids: New Models to Study Gastrointestinal Virus Infections. Methods in Molecular Biology, 2017, 1576, 229-247.	0.9	112
35	Prospects and Challenges in the Development of a Norovirus Vaccine. Clinical Therapeutics, 2017, 39, 1537-1549.	2.5	95
36	Rotavirus infection. Nature Reviews Disease Primers, 2017, 3, 17083.	30.5	419

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37	Milk Oligosaccharides Inhibit Human Rotavirus Infectivity in MA104 Cells. Journal of Nutrition, 2017, 147, 1709-1714.	2.9	107
38	Replication of human noroviruses in stem cellâ€"derived human enteroids. Science, 2016, 353, 1387-1393.	12.6	1,056
39	Rotavirus Serum IgA Immune Response in Children Receiving Rotarix Coadministered With bOPV or IPV. Pediatric Infectious Disease Journal, 2016, 35, 1137-1139.	2.0	27
40	Diversity in Rotavirusâ€"Host Glycan Interactions: A â€œSweetâ€• Spectrum. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 263-273.	4.5	72
41	Norovirus Gastroenteritis in a Birth Cohort in Southern India. PLoS ONE, 2016, 11, e0157007.	2.5	35
42	Correlates of Protection against Norovirus Infection and Diseaseâ€"Where Are We Now, Where Do We Go?. PLoS Pathogens, 2016, 12, e1005334.	4.7	44
43	Mucosal and Cellular Immune Responses to Norwalk Virus. Journal of Infectious Diseases, 2015, 212, 397-405.	4.0	81
44	Structural basis of glycan specificity in neonate-specific bovine-human reassortant rotavirus. Nature Communications, 2015, 6, 8346.	12.8	50
45	Human Milk Contains Novel Glycans That Are Potential Decoy Receptors for Neonatal Rotaviruses. Molecular and Cellular Proteomics, 2014, 13, 2944-2960.	3.8	113
46	Epidemiology of human noroviruses and updates on vaccine development. Current Opinion in Gastroenterology, 2014, 30, 25-33.	2.3	156
47	Structural Characterization by Multistage Mass Spectrometry (MSn) of Human Milk Glycans Recognized by Human Rotaviruses. Molecular and Cellular Proteomics, 2014, 13, 2961-2974.	3.8	58
48	Determination of the 50% Human Infectious Dose for Norwalk Virus. Journal of Infectious Diseases, 2014, 209, 1016-1022.	4.0	261
49	Association of serum antibodies with protection against rotavirus infection and disease in South Indian children. Vaccine, 2014, 32, A55-A61.	3.8	19
50	Structural basis of glycan interaction in gastroenteric viral pathogens. Current Opinion in Virology, 2014, 7, 119-127.	5.4	32
51	Human and bovine rotavirus strain antigens for evaluation of immunogenicity in a randomized, double-blind, placebo-controlled trial of a single dose live attenuated tetravalent, bovine-human-reassortant, oral rotavirus vaccine in Indian adults. Vaccine, 2014, 32, 3094-3100.	3.8	13
52	Absence of Genetic Differences among G10P[11] Rotaviruses Associated with Asymptomatic and Symptomatic Neonatal Infections in Vellore, India. Journal of Virology, 2014, 88, 9060-9071.	3.4	12
53	The VP8* Domain of Neonatal Rotavirus Strain G10P[11] Binds to Type II Precursor Glycans. Journal of Virology, 2013, 87, 7255-7264.	3.4	74
54	Inactivation of rotavirus in water by copper pot. Journal of Water Sanitation and Hygiene for Development, 2011, 1, 165-169.	1.8	1

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55	Protective Effect of Natural Rotavirus Infection in an Indian Birth Cohort. New England Journal of Medicine, 2011, 365, 337-346.	27.0	190
56	Comparison of viral load and duration of virus shedding in symptomatic and asymptomatic neonatal rotavirus infections. Journal of Medical Virology, 2010, 82, 1803-1807.	5.0	20
57	Rotavirus Antigenemia in Indian Children with Rotavirus Gastroenteritis and Asymptomatic Infections. Clinical Infectious Diseases, 2010, 51, 1284-1289.	5.8	37
58	Whole genome characterization of reassortant G10P[11] strain (N155) from a neonate with symptomatic rotavirus infection: Identification of genes of human and animal rotavirus origin. Journal of Clinical Virology, 2009, 45, 237-244.	3.1	45
59	Viruses causing childhood diarrhoea in the developing world. Current Opinion in Infectious Diseases, 2009, 22, 477-482.	3.1	88
60	Investigation of the environment and of mothers in transmission of rotavirus infections in the neonatal nursery. Journal of Medical Virology, 2008, 80, 1099-1105.	5.0	23
61	Rotavirus Infection in the Neonatal Nurseries of a Tertiary Care Hospital in India. Pediatric Infectious Disease Journal, 2008, 27, 719-723.	2.0	48
62	Geographic Information Systems and Genotyping in Identification of Rotavirus G12 Infections in Residents of an Urban Slum with Subsequent Detection in Hospitalized Children: Emergence of G12 Genotype in South India. Journal of Clinical Microbiology, 2007, 45, 432-437.	3.9	44
63	Neonatal Infection with G10P[11] Rotavirus Did Not Confer Protection against Subsequent Rotavirus Infection in a Community Cohort in Vellore, South India. Journal of Infectious Diseases, 2007, 195, 625-632.	4.0	45
64	Burden of disease & molecular epidemiology of group A rotavirus infections in India. Indian Journal of Medical Research, 2007, 125, 619-32.	1.0	28