Ulrich Desselberger

List of Publications by Year
in descending order

73	5,057	159585 30	161849 54
papers	citations	h-index	g-index

76	76	76	3514
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uniformity of rotavirus strain nomenclature proposed by the Rotavirus Classification Working Group (RCWG). Archives of Virology, 2011, 156, 1397-1413.	2.1	827
2	Recommendations for the classification of group A rotaviruses using all 11 genomic RNA segments. Archives of Virology, 2008, 153, 1621-1629.	2.1	642
3	Rotavirus infection. Nature Reviews Disease Primers, 2017, 3, 17083.	30.5	419
4	VP6-sequence-based cutoff values as a criterion for rotavirus species demarcation. Archives of Virology, 2012, 157, 1177-1182.	2.1	344
5	Rotaviruses. Virus Research, 2014, 190, 75-96.	2.2	298
6	Reassortment In Vivo: Driving Force for Diversity of Human Rotavirus Strains Isolated in the United Kingdom between 1995 and 1999. Journal of Virology, 2001, 75, 3696-3705.	3.4	239
7	Nosocomial Rotavirus Infection in European Countries. Pediatric Infectious Disease Journal, 2006, 25, S12-S21.	2.0	206
8	Rotaviruses Associate with Cellular Lipid Droplet Components To Replicate in Viroplasms, and Compounds Disrupting or Blocking Lipid Droplets Inhibit Viroplasm Formation and Viral Replication. Journal of Virology, 2010, 84, 6782-6798.	3.4	174
9	Immune Responses to Rotavirus Infection and Vaccination and Associated Correlates of Protection. Journal of Infectious Diseases, 2011, 203, 188-195.	4.0	158
10	Diversity within the VP4 Gene of Rotavirus P[8] Strains: Implications for Reverse Transcription-PCR Genotyping. Journal of Clinical Microbiology, 2000, 38, 898-901.	3.9	155
11	Rotavirus Epidemiology and Surveillance. Novartis Foundation Symposium, 2008, 238, 125-152.	1.1	120
12	Differences of Rotavirus Vaccine Effectiveness by Country: Likely Causes and Contributing Factors. Pathogens, 2017, 6, 65.	2.8	105
13	Genome Rearrangements of Rotaviruses. Advances in Virus Research, 1996, 46, 69-95.	2.1	93
14	Characterisation of rotavirus G9 strains isolated in the UK between 1995 and 1998. Journal of Medical Virology, 2000, 61, 510-517.	5.0	86
15	Rotavirus Pathogenicity. Virology, 1996, 218, 299-305.	2.4	81
16	Rotavirus Types in Europe and Their Significance for Vaccination. Pediatric Infectious Disease Journal, 2006, 25, S30-S41.	2.0	62
17	Genome packaging in multi-segmented dsRNA viruses: distinct mechanisms with similar outcomes. Current Opinion in Virology, 2018, 33, 106-112.	5.4	62
18	Genomic analysis of codon, sequence and structural conservation with selective biochemical-structure mapping reveals highly conserved and dynamic structures in rotavirus RNAs with potential cis -acting functions. Nucleic Acids Research, 2010, 38, 7718-7735.	14.5	57

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19	Group A rotavirus universal mass vaccination: how and to what extent will selective pressure influence prevalence of rotavirus genotypes?. Expert Review of Vaccines, 2012, 11, 1347-1354.	4.4	55
20	Inhibition of rotavirus replication by downregulation of fatty acid synthesis. Journal of General Virology, 2013, 94, 1310-1317.	2.9	54
21	Lipid droplets form complexes with viroplasms and are crucial for rotavirus replication. Current Opinion in Virology, 2016, 19, 11-15.	5.4	51
22	Whole genome analysis of selected human and animal rotaviruses identified in Uganda from 2012 to 2014 reveals complex genome reassortment events between human, bovine, caprine and porcine strains. PLoS ONE, 2017, 12, e0178855.	2.5	50
23	Caliciviridae Other Than Noroviruses. Viruses, 2019, 11, 286.	3.3	49
24	Lipidome analysis of rotavirus-infected cells confirms the close interaction of lipid droplets with viroplasms. Journal of General Virology, 2013, 94, 1576-1586.	2.9	47
25	Intracellular neutralisation of rotavirus by VP6-specific IgG. PLoS Pathogens, 2020, 16, e1008732.	4.7	44
26	Viroplasms: Assembly and Functions of Rotavirus Replication Factories. Viruses, 2021, 13, 1349.	3.3	44
27	The Mammalian Intestinal Microbiome: Composition, Interaction with the Immune System, Significance for Vaccine Efficacy, and Potential for Disease Therapy. Pathogens, 2018, 7, 57.	2.8	41
28	The stiffness of dsRNA: hydrodynamic studies on fluorescence-labelled RNA segments of bovine rotavirus. Nucleic Acids Research, 1986, 14, 3215-3228.	14.5	38
29	Molecular epidemiology of hepatitis C virus infection amongst intravenous drug users in rural communities. Journal of Medical Virology, 1995, 46, 48-51.	5.0	36
30	The Financial Burden of Rotavirus Disease in Four Countries of the European Union. Pediatric Infectious Disease Journal, 2008, 27, S20-S27.	2.0	36
31	Impaired hyperphosphorylation of rotavirus NSP5 in cells depleted of casein kinase 1Î± is associated with the formation of viroplasms with altered morphology and a moderate decrease in virus replication. Journal of General Virology, 2007, 88, 2800-2810.	2.9	30
32	The unpredictable diversity of co-circulating rotavirus types in Europe and the possible impact of universal mass vaccination programmes on rotavirus genotype incidence. Vaccine, 2012, 30, 4596-4605.	3.8	28
33	Low toxicity and high immunogenicity of an inactivated vaccine candidate against COVID-19 in different animal models. Emerging Microbes and Infections, 2020, 9, 2606-2618.	6.5	28
34	Rotavirus Infections. Drugs, 1999, 58, 447-452.	10.9	26
35	Experimental Pathways towards Developing a Rotavirus Reverse Genetics System: Synthetic Full Length Rotavirus ssRNAs Are Neither Infectious nor Translated in Permissive Cells. PLoS ONE, 2013, 8, e74328.	2.5	26
36	Reverse genetics of rotavirus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2106-2108.	7.1	25

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37	Rotaviruses and rotavirus vaccines. British Medical Bulletin, 2009, 90, 37-51.	6.9	21
38	Noroviruses: a global cause of acute gastroenteritis. Lancet Infectious Diseases, The, 2014, 14, 664-665.	9.1	21
39	Viral gastroenteritis. Medicine, 2017, 45, 690-694.	0.4	21
40	Rotavirus research: 2014â€“2020. Virus Research, 2021, 304, 198499.	2.2	21
41	The epidemiology of rotavirus disease in under-five-year-old children hospitalized with acute diarrhea in central Uganda, 2012-2013. Archives of Virology, 2016, 161, 999-1003.	2.1	20
42	What are the limits of the packaging capacity for genomic RNA in the cores of rotaviruses and of other members of the Reoviridae?. Virus Research, 2020, 276, 197822.	2.2	17
43	Further characterisation of rotavirus cores: Ss(+)RNAs can be packaged in vitro but packaging lacks sequence specificity. Virus Research, 2013, 178, 252-263.	2.2	15
44	Prospects for vaccines against rotaviruses. , 1998, 8, 43-52.		14
45	Rotavirus replication and the role of cellular lipid droplets: New therapeutic targets?. Journal of the Formosan Medical Association, 2016, 115, 389-394.	1.7	12
46	Global issues related to enteric viral infections. VirusDisease, 2014, 25, 147-149.	2.0	9
47	Potential of plasmid only based reverse genetics of rotavirus for the development of next-generation vaccines. Current Opinion in Virology, 2020, 44, 1-6.	5.4	9
48	Viral gastroenteritis. Medicine, 2009, 37, 594-598.	0.4	8
49	Physicochemical analysis of rotavirus segment 11 supports a â€˜modified panhandleâ€™ structure and not the predicted alternative tRNA-like structure (TRLS). Archives of Virology, 2014, 159, 235-248.	2.1	8
50	Significance of the Gut Microbiome for Viral Diarrheal and Extra-Intestinal Diseases. Viruses, 2021, 13, 1601.	3.3	6
51	Viral gastroenteritis. Medicine, 2013, 41, 700-704.	0.4	5
52	Rotaviruses: cause of vaccine-preventable disease yet many fundamental questions remain to be explored. Current Opinion in Virology, 2012, 2, 369-372.	5.4	3
53	Genome Diversity and Evolution of Rotaviruses. , 0, , 214-241.		2
54	Rotaviruses. , 0, , 337-353.		2

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55	Viruses other than Rotaviruses Associated with Acute Diarrhoeal Disease. , 0, , 355-372.		2
56	Viruses Associated with Acute Diarrhoeal Disease. , 0, , 235-252.		1
57	Viruses Associated with Acute Diarrhoeal Disease. , 0, , 249-270.		1
58	At last: a fully tractable, plasmid only based reverse genetics system for rotavirus. Future Virology, 2017, 12, 519-524.	1.8	1
59	Virus taxonomyâ€"a taxing task. Archives of Virology, 2018, 163, 2019-2020.	2.1	1
60	Species A rotavirus reverse genetics: Achievements and prospects. Virus Research, 2021, 306, 198583.	2.2	1
61	Towards achieving a high-resolution structure of rotavirus particles. Future Virology, 2009, 4, 525-529.	1.8	0
62	Rotaviruses: from basic research to disease prevention by vaccination. Future Virology, 2010, 5, 11-16.	1.8	0
63	Highlights of the 4th European Rotavirus Biology Symposium. Future Virology, 2012, 7, 25-30.	1.8	0
64	Updating prevaccination rotavirus-associated mortality. Lancet Infectious Diseases, The, 2012, 12, 94-96.	9.1	0
65	6th European Rotavirus Biology Meeting, Dijon, France, 17â€"20 May 2015. Future Virology, 2015, 10, 933-936.	1.8	0
66	Viral gastroenteritis. Medicine, 2021, , .	0.4	0
67	Intracellular neutralisation of rotavirus by VP6-specific IgG. , 2020, 16, e1008732.		0
68	Intracellular neutralisation of rotavirus by VP6-specific IgG. , 2020, 16, e1008732.		0
69	Intracellular neutralisation of rotavirus by VP6-specific IgG. , 2020, 16, e1008732.		0
70	Intracellular neutralisation of rotavirus by VP6-specific IgG. , 2020, 16, e1008732.		0
71	Intracellular neutralisation of rotavirus by VP6-specific IgG. , 2020, 16, e1008732.		0
72	Intracellular neutralisation of rotavirus by VP6-specific IgG. , 2020, 16, e1008732.		0

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73	Editorial: Significance of Cellular Lipids for Viral Replication and Pathogenesis. Frontiers in Physiology, 2022, 13, 906205.	2.8	0