Grant S Hansman

List of Publications by Year
in descending order

87 papers	4,651 citations	94433 37 h-index	106344 65 g-index
94 all docs	94 docs citations	94 times ranked	2920 citing authors

#	Article	IF	Citations
1	Natural extracts, honey, and propolis as human norovirus inhibitors. Scientific Reports, 2022, 12, 8116.	3.3	3
2	Structural heterogeneity of a human norovirus vaccine candidate. Virology, 2021, 553, 23-34.	2.4	15
3	Nanobody-Mediated Neutralization Reveals an Achilles Heel for Norovirus. Journal of Virology, 2020, 94, .	3.4	13
4	Heterologous expression of human norovirus GII.4 VP1 leads to assembly of T=4 virus-like particles. Antiviral Research, 2019, 168, 175-182.	4.1	18
5	Human Norovirus Neutralized by a Monoclonal Antibody Targeting the Histo-Blood Group Antigen Pocket. Journal of Virology, 2019, 93, .	3.4	52
6	Structural Basis of Nanobodies Targeting the Prototype Norovirus. Journal of Virology, 2019, 93, .	3.4	22
7	Structural Basis for Human Norovirus Capsid Binding to Bile Acids. Journal of Virology, 2019, 93, .	3.4	55
8	Structural analysis of a replication protein encoded by a plasmid isolated from a multiple sclerosis patient. Acta Crystallographica Section D: Structural Biology, 2019, 75, 498-504.	2.3	5
9	Human Milk Oligosaccharides as Promising Antivirals. Molecular Nutrition and Food Research, 2018, 62, e1700679.	3.3	92
10	Norovirus-like VP1 particles exhibit isolate dependent stability profiles. Journal of Physics Condensed Matter, 2018, 30, 064006.	1.8	35
11	Atomic Structure of the Murine Norovirus Protruding Domain and Soluble CD300lf Receptor Complex. Journal of Virology, 2018, 92, .	3.4	37
12	Fucose-Functionalized Precision Glycomacromolecules Targeting Human Norovirus Capsid Protein. Biomacromolecules, 2018, 19, 3714-3724.	5.4	25
13	Strain-dependent effects of clinical echovirus 30 outbreak isolates at the blood-CSF barrier. Journal of Neuroinflammation, 2018, 15, 50.	7.2	12
14	Avidity of Î±-fucose on human milk oligosaccharides and blood groupâ€"unrelated oligo/polyfucoses is essential for potent norovirus-binding targets. Journal of Biological Chemistry, 2018, 293, 11955-11965.	3.4	40
15	Human norovirus inhibition by a human milk oligosaccharide. Virology, 2017, 508, 81-89.	2.4	117
16	Human Norovirus Evolution in a Chronically Infected Host. MSphere, 2017, 2, .	2.9	24
17	Human norovirus GII.4(MI001) P dimer binds fucosylated and sialylated carbohydrates. Glycobiology, 2017, 27, 1027-1037.	2.5	23
18	Saturation transfer difference nuclear magnetic resonance titrations reveal complex multistep-binding of l-fucose to norovirus particles. Glycobiology, 2017, 27, 80-86.	2.5	17

#	Article	IF	Citations
19	Nanobodies targeting norovirus capsid reveal functional epitopes and potential mechanisms of neutralization. PLoS Pathogens, 2017, 13, e1006636.	4.7	47
20	Vesivirus 2117 capsids more closely resemble sapovirus and lagovirus particles than other known vesivirus structures. Journal of General Virology, 2017, 98, 68-76.	2.9	9
21	Membrane alterations induced by nonstructural proteins of human norovirus. PLoS Pathogens, 2017, 13, e1006705.	4.7	64
22	Structural Constraints on Human Norovirus Binding to Histo-Blood Group Antigens. MSphere, 2016, 1, .	2.9	40
23	Human Norovirus Interactions with Histo-Blood Group Antigens and Human Milk Oligosaccharides. Journal of Virology, 2016, 90, 5855-5859.	3.4	63
24	Development of a Nanobody-Based Lateral Flow Immunoassay for Detection of Human Norovirus. MSphere, 2016, 1, .	2.9	35
25	Production of Human Norovirus Protruding Domains in E. coli for X-ray Crystallography. Journal of Visualized Experiments, 2016, , .	0.3	0
26	Structural Evolution of the Emerging 2014-2015 GII.17 Noroviruses. Journal of Virology, 2016, 90, 2710-2715.	3.4	35
27	Structural Basis for Norovirus Inhibition by Human Milk Oligosaccharides. Journal of Virology, 2016, 90, 4843-4848.	3.4	110
28	Antigenic and Cryo-Electron Microscopy Structure Analysis of a Chimeric Sapovirus Capsid. Journal of Virology, 2016, 90, 2664-2675.	3.4	15
29	Structural analysis of bovine norovirus protruding domain. Virology, 2016, 487, 296-301.	2.4	7
30	Attachment of Norovirus to Histo Blood Group Antigens: Aâ€...Cooperative Multistep Process. Angewandte Chemie - International Edition, 2015, 54, 12014-12019.	13.8	37
31	The sweet quartet: Binding of fucose to the norovirus capsid. Virology, 2015, 483, 203-208.	2.4	46
32	Nanobody Binding to a Conserved Epitope Promotes Norovirus Particle Disassembly. Journal of Virology, 2015, 89, 2718-2730.	3.4	54
33	Structural Analysis of a Rabbit Hemorrhagic Disease Virus Binding to Histo-Blood Group Antigens. Journal of Virology, 2015, 89, 2378-2387.	3.4	21
34	Structural analysis of a feline norovirus protruding domain. Virology, 2015, 474, 181-185.	2.4	9
35	Treatment of norovirus particles with citrate. Virology, 2015, 485, 199-204.	2.4	42
36	Human Noroviruses' Fondness for Histo-Blood Group Antigens. Journal of Virology, 2015, 89, 2024-2040.	3.4	106

#	Article	IF	Citations
37	Analysis of early strains of the norovirus pandemic variant GII.4 Sydney 2012 identifies mutations in adaptive sites of the capsid protein. Virology, 2014, 450-451, 355-358.	2.4	20
38	Proposal for a unified norovirus nomenclature and genotyping. Archives of Virology, 2013, 158, 2059-2068.	2.1	488
39	Structural Basis for Norovirus Inhibition and Fucose Mimicry by Citrate. Journal of Virology, 2012, 86, 284-292.	3.4	72
40	Molecular epidemiology of noroviruses and sapoviruses and their role in Australian outbreaks of acute gastroenteritis. Microbiology Australia, 2012, 33, 70.	0.4	5
41	Structural Basis for Broad Detection of Genogroup II Noroviruses by a Monoclonal Antibody That Binds to a Site Occluded in the Viral Particle. Journal of Virology, 2012, 86, 3635-3646.	3.4	75
42	Comparison of the replication properties of murine and human calicivirus RNA-dependent RNA polymerases. Virus Genes, 2011, 42, 16-27.	1.6	26
43	Crystal Structures of GII.10 and GII.12 Norovirus Protruding Domains in Complex with Histo-Blood Group Antigens Reveal Details for a Potential Site of Vulnerability. Journal of Virology, 2011, 85, 6687-6701.	3.4	113
44	Preparation of Viral Samples for Direct Molecular Applications. , 2009, , .		0
45	Sapovirus-like particles derived from polyprotein. Virus Research, 2008, 137, 261-265.	2.2	8
46	Molecular Epidemiology of Noroviruses Detected in Food Handler-Associated Outbreaks of Gastroenteritis in Japan. Intervirology, 2008, 51, 422-426.	2.8	20
47	Identification of Monomorphic and Divergent Haplotypes in the 2006-2007 Norovirus GII/4 Epidemic Population by Genomewide Tracing of Evolutionary History. Journal of Virology, 2008, 82, 11247-11262.	3.4	82
48	Detection of Human Enteric Viruses in Japanese Clams. Journal of Food Protection, 2008, 71, 1689-1695.	1.7	62
49	Insights into the Caliciviridae Family. , 2008, , 381-399.		0
50	Outbreak of Gastroenteritis Due to Sapovirus. Journal of Clinical Microbiology, 2007, 45, 1347-1349.	3.9	68
51	Norovirus Infections in Symptomatic and Asymptomatic Food Handlers in Japan. Journal of Clinical Microbiology, 2007, 45, 3996-4005.	3.9	180
52	Acute Gastroenteritis Caused by GI/2 Sapovirus, Taiwan, 2007. Emerging Infectious Diseases, 2007, 14, 1169-1171.	4.3	41
53	Highly Conserved Configuration of Catalytic Amino Acid Residues among Calicivirus-Encoded Proteases. Journal of Virology, 2007, 81, 6798-6806.	3.4	26
54	Antigenic Diversity of Human Sapoviruses. Emerging Infectious Diseases, 2007, 13, 1519-1525.	4.3	42

#	Article	IF	Citations
55	Sapovirus in Water, Japan. Emerging Infectious Diseases, 2007, 13, 133-135.	4.3	36
56	Human Sapovirus in Clams, Japan. Emerging Infectious Diseases, 2007, 13, 620-622.	4.3	37
57	Norovirus GII.4 Strains and Outbreaks, Australia. Emerging Infectious Diseases, 2007, 13, 1128-1130.	4.3	80
58	Recombinant Sapovirus Gastroenteritis, Japan. Emerging Infectious Diseases, 2007, 13, 786-788.	4.3	25
59	Anti-norovirus polyclonal antibody and its potential for development of an antigen-ELISA. Journal of Medical Virology, 2007, 79, 1180-1186.	5.0	15
60	Human sapoviruses: genetic diversity, recombination, and classification. Reviews in Medical Virology, 2007, 17, 133-141.	8.3	129
61	Binding activity of norovirus and sapovirus to histo-blood group antigens. Archives of Virology, 2007, 152, 457-461.	2.1	32
62	Enhancement of sapovirus recombinant capsid protein expression in insect cells. FEBS Letters, 2006, 580, 4047-4050.	2.8	10
63	Genetic Diversity of Sapovirus in Children, Australia. Emerging Infectious Diseases, 2006, 12, 141-143.	4.3	33
64	Expression of sapovirus virus-like particles in mammalian cells. Archives of Virology, 2006, 151, 399-404.	2.1	15
65	Development of an antigen ELISA to detect sapovirus in clinical stool specimens. Archives of Virology, 2006, 151, 551-561.	2.1	25
66	Genetic diversity of noroviruses in Taiwan between November 2004 and March 2005. Archives of Virology, 2006, 151, 1319-1327.	2.1	27
67	Investigation of norovirus replication in a human cell line. Archives of Virology, 2006, 151, 1291-1308.	2.1	46
68	Existence of multiple genotypes associated with acute gastroenteritis during 6-year survey of norovirus infection in Japan. Journal of Medical Virology, 2006, 78, 1318-1324.	5.0	29
69	Detection of human sapovirus by real-time reverse transcription-polymerase chain reaction. Journal of Medical Virology, 2006, 78, 1347-1353.	5.0	228
70	Genetic and antigenic diversity among noroviruses. Journal of General Virology, 2006, 87, 909-919.	2.9	142
71	Identification of the cleavage sites of sapovirus open reading frame 1 polyprotein. Journal of General Virology, 2006, 87, 3329-3338.	2.9	34
72	Cross-reactivity among sapovirus recombinant capsid proteins. Archives of Virology, 2005, 150, 21-36.	2.1	53

#	Article	IF	Citations
73	Characterization of polyclonal antibodies raised against sapovirus genogroup five virus-like particles. Archives of Virology, 2005, 150, 1433-1437.	2.1	12
74	Existence of multiple outbreaks of viral gastroenteritis among infants in a day care center in Japan. Archives of Virology, 2005, 150, 2061-2075.	2.1	95
75	Cleavage activity of the sapovirus 3C-like protease in Escherichia coli. Archives of Virology, 2005, 150, 2539-2548.	2.1	12
76	Deletion analysis of the sapovirus VP1 gene for the assembly of virus-like particles. Archives of Virology, 2005, 150, 2529-2538.	2.1	5
77	Norovirus Recombination in ORF1/ORF2 Overlap. Emerging Infectious Diseases, 2005, 11, 1079-1085.	4.3	257
78	Intergenogroup Recombination in Sapoviruses. Emerging Infectious Diseases, 2005, 11, 1914-1920.	4.3	69
79	Viral Gastroenteritis in Mongolian Infants. Emerging Infectious Diseases, 2005, 11, 180-182.	4.3	12
80	Proteolytic Processing of Sapovirus ORF1 Polyprotein. Journal of Virology, 2005, 79, 7283-7290.	3.4	54
81	Mutational study of sapovirus expression in insect cells. Virology Journal, 2005, 2, 13.	3.4	11
82	Novel Recombinant Sapovirus. Emerging Infectious Diseases, 2004, 10, 1874-1876.	4.3	65
83	Genetic Diversity of Norovirus and Sapovirus in Hospitalized Infants with Sporadic Cases of Acute Gastroenteritis in Chiang Mai, Thailand. Journal of Clinical Microbiology, 2004, 42, 1305-1307.	3.9	136
84	Detection of norovirus and sapovirus infection among children with gastroenteritis in Ho Chi Minh City, Vietnam. Archives of Virology, 2004, 149, 1673-88.	2.1	86
85	Norovirus and sapovirus infections in Thailand. Japanese Journal of Infectious Diseases, 2004, 57, 276-8.	1.2	40
86	Norwalk-like virus 95/96-US strain is a major cause of gastroenteritis outbreaks in Australia. Journal of Medical Virology, 2002, 68, 113-118.	5.0	73
87	Diagnosis of enteric pathogens in children with gastroenteritis. Pathology, 2001, 33, 353-358.	0.6	49