Masaharu Takahashi

List of Publications by Year
in descending order

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33 papers	1,936 citations	430874 18 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	1175 citing authors

#	Article	IF	Citations
1	Hepatitis E Virus (HEV) Strains in Serum Samples Can Replicate Efficiently in Cultured Cells Despite the Coexistence of HEV Antibodies: Characterization of HEV Virions in Blood Circulation. Journal of Clinical Microbiology, 2010, 48, 1112-1125.	3.9	229
2	Development and evaluation of an efficient cell-culture system for Hepatitis E virus. Journal of General Virology, 2007, 88, 903-911.	2.9	224
3	ORF3 protein of hepatitis E virus is essential for virion release from infected cells. Journal of General Virology, 2009, 90, 1880-1891.	2.9	194
4	Simultaneous Detection of Immunoglobulin A (IgA) and IgM Antibodies against Hepatitis E Virus (HEV) Is Highly Specific for Diagnosis of Acute HEV Infection. Journal of Clinical Microbiology, 2005, 43, 49-56.	3.9	185
5	Characterization of the Quasi-Enveloped Hepatitis E Virus Particles Released by the Cellular Exosomal Pathway. Journal of Virology, 2017, 91, .	3.4	151
6	Monoclonal antibodies raised against the ORF3 protein of hepatitis E virus (HEV) can capture HEV particles in culture supernatant and serum but not those in feces. Archives of Virology, 2008, 153, 1703-1713.	2.1	140
7	A PSAP motif in the ORF3 protein of hepatitis E virus is necessary for virion release from infected cells. Journal of General Virology, 2011, 92, 269-278.	2.9	132
8	Prolonged Fecal Shedding of Hepatitis E Virus (HEV) during Sporadic Acute Hepatitis E: Evaluation of Infectivity of HEV in Fecal Specimens in a Cell Culture System. Journal of Clinical Microbiology, 2007, 45, 3671-3679.	3.9	82
9	The membrane on the surface of hepatitis E virus particles is derived from the intracellular membrane and contains trans-Golgi network protein 2. Archives of Virology, 2014, 159, 979-991.	2.1	69
10	Construction of an infectious cDNA clone of hepatitis E virus strain JE03-1760F that can propagate efficiently in cultured cells. Journal of General Virology, 2009, 90, 457-462.	2.9	63
11	Molecular characterization of a novel hepatitis E virus (HEV) strain obtained from a wild boar in Japan that is highly divergent from the previously recognized HEV strains. Virus Research, 2014, 180, 59-69.	2.2	62
12	Production of monoclonal antibodies against hepatitis E virus capsid protein and evaluation of their neutralizing activity in a cell culture system. Archives of Virology, 2008, 153, 657-666.	2.1	61
13	Mutational events during the primary propagation and consecutive passages of hepatitis E virus strain JE03-1760F in cell culture. Virus Research, 2008, 137, 86-96.	2.2	49
14	Marked genomic heterogeneity of rat hepatitis E virus strains in Indonesia demonstrated on a full-length genome analysis. Virus Research, 2014, 179, 102-112.	2.2	43
15	Rat hepatitis E virus derived from wild rats (Rattus rattus) propagates efficiently in human hepatoma cell lines. Virus Research, 2014, 185, 92-102.	2.2	43
16	TT Virus Is Distributed in Various Leukocyte Subpopulations at Distinct Levels, with the Highest Viral Load in Granulocytes. Biochemical and Biophysical Research Communications, 2002, 290, 242-248.	2.1	37
17	A Nationwide Survey of Hepatitis E Virus Infection and Chronic Hepatitis in Heart and Kidney Transplant Recipients in Japan. Transplantation, 2020, 104, 437-444.	1.0	25
18	Prevalence and genotype/subtype distribution of hepatitis E virus (HEV) among wild boars in Japan: Identification of a genotype 5 HEV strain. Virus Research, 2020, 287, 198106.	2.2	19

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19	Characterization and epitope mapping of monoclonal antibodies raised against rat hepatitis E virus capsid protein: An evaluation of their neutralizing activity in a cell culture system. Journal of Virological Methods, 2016, 233, 78-88.	2.1	17
20	An analysis of two open reading frames (ORF3 and ORF4) of rat hepatitis E virus genome using its infectious cDNA clones with mutations in ORF3 or ORF4. Virus Research, 2018, 249, 16-30.	2.2	16
21	Multivesicular body sorting and the exosomal pathway are required for the release of rat hepatitis E virus from infected cells. Virus Research, 2020, 278, 197868.	2.2	16
22	Clinical significance of changes in Torque teno virus DNA titer after chemotherapy in patients with primary lung cancer. Respiratory Investigation, 2018, 56, 173-178.	1.8	12
23	The identification and characterization of novel rat hepatitis E virus strains in Bali and Sumbawa, Indonesia. Archives of Virology, 2018, 163, 1345-1349.	2.1	11
24	The spontaneous clearance of hepatitis E virus (HEV) and emergence of HEV antibodies in a transfusion-transmitted chronic hepatitis E case after completion of chemotherapy for acute myeloid leukemia. Clinical Journal of Gastroenterology, 2020, 13, 252-259.	0.8	10
25	Analysis of adaptive mutations selected during the consecutive passages of hepatitis E virus produced from an infectious cDNA clone. Virus Research, 2016, 223, 170-180.	2.2	9
26	Development of Recombinant Infectious Hepatitis E Virus Harboring the nanoKAZ Gene and Its Application in Drug Screening. Journal of Virology, 2022, 96, jvi0190621.	3.4	9
27	The Capsid (ORF2) Protein of Hepatitis E Virus in Feces Is C-Terminally Truncated. Pathogens, 2022, 11, 24.	2.8	8
28	Production of monoclonal antibodies against the ORF3 protein of rat hepatitis E virus (HEV) and demonstration of the incorporation of the ORF3 protein into enveloped rat HEV particles. Archives of Virology, 2016, 161, 3391-3404.	2.1	7
29	Autochthonous sporadic acute hepatitis E caused by two distinct subgenotype 3b hepatitis E virus strains with only 90% nucleotide identity. Clinical Journal of Gastroenterology, 2017, 10, 168-173.	0.8	4
30	Full-length genome of a novel genotype 3 hepatitis E virus strain obtained from domestic pigs in Japan. Virus Research, 2017, 240, 147-153.	2.2	3
31	Hepatitis B, C, and D Virus Infections and AFP Tumor Marker Prevalence Among the Elderly Population in Mongolia: A Nationwide Survey. Journal of Preventive Medicine and Public Health, 2022, 55, 263-272.	1.9	3
32	Subclinical hepatitis E virus (HEV) infection detected by nucleic acid amplification test on blood donation: short-term positivity for immunoglobulin G class of antibody against HEV. Clinical Journal of Gastroenterology, 2022, 15, 750-754.	0.8	2
33	Spontaneous reactivation of hepatitis B virus with a frameshift mutation in the precore region in an elderly hepatitis B virus carrier with lifestyle-related diseases. Clinical Journal of Gastroenterology, 2021, 14, 1202-1210.	0.8	1