

# Hideki Aizaki

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

3,360  
citations

186265

28  
h-index

175258

52  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Hepatitis C Virus Nonstructural Protein 5A with Core Protein Is Critical for the Production of Infectious Virus Particles. <i>Journal of Virology</i> , 2008, 82, 7964-7976.	3.4	322
2	Interactions between Viral Nonstructural Proteins and Host Protein hVAP-33 Mediate the Formation of Hepatitis C Virus RNA Replication Complex on Lipid Raft. <i>Journal of Virology</i> , 2004, 78, 3480-3488.	3.4	286
3	Evaluation and identification of hepatitis B virus entry inhibitors using HepG2 cells overexpressing a membrane transporter NTCP. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 808-813.	2.1	267
4	Characterization of the hepatitis C virus RNA replication complex associated with lipid rafts. <i>Virology</i> , 2004, 324, 450-461.	2.4	247
5	Hepatitis C Virus RNA Replication Occurs on a Detergent-Resistant Membrane That Cofractionates with Caveolin-2. <i>Journal of Virology</i> , 2003, 77, 4160-4168.	3.4	241
6	Critical Role of Virion-Associated Cholesterol and Sphingolipid in Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2008, 82, 5715-5724.	3.4	186
7	Human VAP-B Is Involved in Hepatitis C Virus Replication through Interaction with NS5A and NS5B. <i>Journal of Virology</i> , 2005, 79, 13473-13482.	3.4	181
8	Epidermal growth factor receptor is a host-entry cofactor triggering hepatitis B virus internalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8487-8492.	7.1	170
9	Interleukin-1 and Tumor Necrosis Factor- $\alpha$ Trigger Restriction of Hepatitis B Virus Infection via a Cytidine Deaminase Activation-induced Cytidine Deaminase (AID). <i>Journal of Biological Chemistry</i> , 2013, 288, 31715-31727.	3.4	140
10	Antiviral Activity of Glycyrrhizin against Hepatitis C Virus In Vitro. <i>PLoS ONE</i> , 2013, 8, e68992.	2.5	101
11	Visualization and Measurement of ATP Levels in Living Cells Replicating Hepatitis C Virus Genome RNA. <i>PLoS Pathogens</i> , 2012, 8, e1002561.	4.7	90
12	A Novel Tricyclic Polyketide, Vanitaracin A, Specifically Inhibits the Entry of Hepatitis B and D Viruses by Targeting Sodium Taurocholate Cotransporting Polypeptide. <i>Journal of Virology</i> , 2015, 89, 11945-11953.	3.4	79
13	A Human Liver Cell Line Exhibits Efficient Translation of HCV RNAs Produced by a Recombinant Adenovirus Expressing T7 RNA Polymerase. <i>Virology</i> , 1998, 250, 140-150.	2.4	65
14	Chaperonin TRiC/CCT participates in replication of hepatitis C virus genome via interaction with the viral NS5B protein. <i>Virology</i> , 2011, 410, 38-47.	2.4	65
15	A new class of hepatitis B and D virus entry inhibitors, proanthocyanidin and its analogs, that directly act on the viral large surface proteins. <i>Hepatology</i> , 2017, 65, 1104-1116.	7.3	63
16	Dysregulation of Retinoic Acid Receptor Diminishes Hepatocyte Permissiveness to Hepatitis B Virus Infection through Modulation of Sodium Taurocholate Cotransporting Polypeptide (NTCP) Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 5673-5684.	3.4	58
17	Signal Peptidase Complex Subunit 1 Participates in the Assembly of Hepatitis C Virus through an Interaction with E2 and NS2. <i>PLoS Pathogens</i> , 2013, 9, e1003589.	4.7	47
18	Development of hepatitis C virus genotype 3a cell culture system. <i>Hepatology</i> , 2014, 60, 1838-1850.	7.3	45

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19	Production of Infectious Hepatitis C Virus by Using RNA Polymerase I-Mediated Transcription. <i>Journal of Virology</i> , 2010, 84, 5824-5835.	3.4	44
20	High-throughput neutralization assay for multiple flaviviruses based on single-round infectious particles using dengue virus type 1 reporter replicon. <i>Scientific Reports</i> , 2018, 8, 16624.	3.3	43
21	Involvement of Creatine Kinase B in Hepatitis C Virus Genome Replication through Interaction with the Viral NS4A Protein. <i>Journal of Virology</i> , 2009, 83, 5137-5147.	3.4	42
22	The aryl hydrocarbon receptorâ€™cytochrome P450 1A1 pathway controls lipid accumulation and enhances the permissiveness for hepatitis C virus assembly. <i>Journal of Biological Chemistry</i> , 2018, 293, 19559-19571.	3.4	42
23	Functional association of cellular microtubules with viral capsid assembly supports efficient hepatitis B virus replication. <i>Scientific Reports</i> , 2017, 7, 10620.	3.3	41
24	Polypyrimidine-tract-binding Protein is a Component of the HCV RNA Replication Complex and Necessary for RNA Synthesis. <i>Journal of Biomedical Science</i> , 2006, 13, 469-480.	7.0	40
25	Troglitazone Impedes the Oligomerization of Sodium Taurocholate Cotransporting Polypeptide and Entry of Hepatitis B Virus Into Hepatocytes. <i>Frontiers in Microbiology</i> , 2018, 9, 3257.	3.5	38
26	The machinery for endocytosis of epidermal growth factor receptor coordinates the transport of incoming hepatitis B virus to the endosomal network. <i>Journal of Biological Chemistry</i> , 2020, 295, 800-807.	3.4	37
27	Production of single-round infectious chimeric flaviviruses with DNA-based Japanese encephalitis virus replicon. <i>Journal of General Virology</i> , 2014, 95, 60-65.	2.9	35
28	The machinery for endocytosis of epidermal growth factor receptor coordinates the transport of incoming hepatitis B virus to the endosomal network. <i>Journal of Biological Chemistry</i> , 2020, 295, 800-807.	3.4	30
29	A new strategy to identify hepatitis B virus entry inhibitors by AlphaScreen technology targeting the envelope-receptor interaction. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 374-379.	2.1	28
30	Trans-complemented hepatitis C virus particles as a versatile tool for study of virus assembly and infection. <i>Virology</i> , 2012, 432, 29-38.	2.4	27
31	A Single Adaptive Mutation in Sodium Taurocholate Cotransporting Polypeptide Induced by Hepadnaviruses Determines Virus Species Specificity. <i>Journal of Virology</i> , 2019, 93, .	3.4	26
32	Expression profiling of liver cell lines expressing entire or parts of hepatitis C virus open reading frame. <i>Hepatology</i> , 2002, 36, 1431-1438.	7.3	26
33	Alternative endocytosis pathway for productive entry of hepatitis C virus. <i>Journal of General Virology</i> , 2014, 95, 2658-2667.	2.9	21
34	Prolactin Regulatory Element Binding Protein Is Involved in Hepatitis C Virus Replication by Interaction with NS4B. <i>Journal of Virology</i> , 2016, 90, 3093-3111.	3.4	21
35	Sphingomyelin Is Essential for the Structure and Function of the Double-Membrane Vesicles in Hepatitis C Virus RNA Replication Factories. <i>Journal of Virology</i> , 2020, 94, .	3.4	19
36	Chemical array system, a platform to identify novel hepatitis B virus entry inhibitors targeting sodium taurocholate cotransporting polypeptide. <i>Scientific Reports</i> , 2018, 8, 2769.	3.3	17

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37	Surfeit 4 Contributes to the Replication of Hepatitis C Virus Using Double-Membrane Vesicles. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
38	Activation of protein kinase R by hepatitis C virus RNA-dependent RNA polymerase. <i>Virology</i> , 2019, 529, 226-233.	2.4	12
39	EBV $\lambda$ LMP1 induces APOBEC3s and mitochondrial DNA hypermutation in nasopharyngeal cancer. <i>Cancer Medicine</i> , 2020, 9, 7663-7671.	2.8	12
40	Hepatitis C Virus Translation Preferentially Depends on Active RNA Replication. <i>PLoS ONE</i> , 2012, 7, e43600.	2.5	12
41	NTCP Oligomerization Occurs Downstream of the NTCP-EGFR Interaction during Hepatitis B Virus Internalization. <i>Journal of Virology</i> , 2021, 95, e0093821.	3.4	11
42	MCPIP1 reduces HBV-RNA by targeting its epsilon structure. <i>Scientific Reports</i> , 2020, 10, 20763.	3.3	10
43	Fungal Secondary Metabolite Exophillic Acid Selectively Inhibits the Entry of Hepatitis B and D Viruses. <i>Viruses</i> , 2022, 14, 764.	3.3	9
44	Identification of Two Critical Neutralizing Epitopes in the Receptor Binding Domain of Hepatitis B Virus preS1. <i>Journal of Virology</i> , 2021, 95, .	3.4	8
45	Bivalent vaccine platform based on Japanese encephalitis virus (JEV) elicits neutralizing antibodies against JEV and hepatitis C virus. <i>Scientific Reports</i> , 2016, 6, 28688.	3.3	7
46	Non-nucleoside hepatitis B virus polymerase inhibitors identified by an in vitro polymerase elongation assay. <i>Journal of Gastroenterology</i> , 2020, 55, 441-452.	5.1	7
47	Oncogenic transcriptomic profile is sustained in the liver after the eradication of the hepatitis C virus. <i>Carcinogenesis</i> , 2021, 42, 672-684.	2.8	6
48	IFN- $\gamma$ -Induced APOBEC3B Contributes to Merkel Cell Polyomavirus Genome Mutagenesis in Merkel Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1793-1803.e11.	0.7	6
49	Establishment of infectious genotype 4 cell culture-derived hepatitis C virus. <i>Journal of General Virology</i> , 2020, 101, 188-197.	2.9	5
50	Induction of neutralizing antibodies against hepatitis C virus by a subviral particle-based DNA vaccine. <i>Antiviral Research</i> , 2022, 199, 105266.	4.1	5
51	Cellular OCIAD2 protein is a proviral factor for hepatitis C virus replication. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 147-159.	7.5	3
52	Development of an intervention system for linkage-to-care and follow-up for hepatitis B and C virus carriers. <i>Hepatology International</i> , 2021, , 1.	4.2	2