

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 | 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 |
| 2 | Fungal Secondary Metabolite Exophillic Acid Selectively Inhibits the Entry of Hepatitis B and D Viruses. <i>Viruses</i> , 2022, 14, 764. | 3.3 | 9 |
| 3 | IFN- γ -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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | MCPIP1 reduces HBV-RNA by targeting its epsilon structure. <i>Scientific Reports</i> , 2020, 10, 20763. | 3.3 | 10 |
| 12 | 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 |
| 13 | EBV γ -LMP1 induces APOBEC3s and mitochondrial DNA hypermutation in nasopharyngeal cancer. <i>Cancer Medicine</i> , 2020, 9, 7663-7671. | 2.8 | 12 |
| 14 | Surfeit 4 Contributes to the Replication of Hepatitis C Virus Using Double-Membrane Vesicles. <i>Journal of Virology</i> , 2020, 94, . | 3.4 | 14 |
| 15 | 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 |
| 16 | Establishment of infectious genotype 4 cell culture-derived hepatitis C virus. <i>Journal of General Virology</i> , 2020, 101, 188-197. | 2.9 | 5 |
| 17 | Activation of protein kinase R by hepatitis C virus RNA-dependent RNA polymerase. <i>Virology</i> , 2019, 529, 226-233. | 2.4 | 12 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 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 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Development of hepatitis C virus genotype 3a cell culture system. <i>Hepatology</i> , 2014, 60, 1838-1850. | 7.3 | 45 |
| 32 | Alternative endocytosis pathway for productive entry of hepatitis C virus. <i>Journal of General Virology</i> , 2014, 95, 2658-2667. | 2.9 | 21 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Interleukin-1 and Tumor Necrosis Factor- β 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 |

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|----|--|-----|-----------|
| 37 | Antiviral Activity of Glycyrrhizin against Hepatitis C Virus In Vitro. PLoS ONE, 2013, 8, e68992. | 2.5 | 101 |
| 38 | Visualization and Measurement of ATP Levels in Living Cells Replicating Hepatitis C Virus Genome RNA. PLoS Pathogens, 2012, 8, e1002561. | 4.7 | 90 |
| 39 | Trans-complemented hepatitis C virus particles as a versatile tool for study of virus assembly and infection. Virology, 2012, 432, 29-38. | 2.4 | 27 |
| 40 | Hepatitis C Virus Translation Preferentially Depends on Active RNA Replication. PLoS ONE, 2012, 7, e43600. | 2.5 | 12 |
| 41 | Chaperonin TRiC/CCT participates in replication of hepatitis C virus genome via interaction with the viral NS5B protein. Virology, 2011, 410, 38-47. | 2.4 | 65 |
| 42 | Production of Infectious Hepatitis C Virus by Using RNA Polymerase I-Mediated Transcription. Journal of Virology, 2010, 84, 5824-5835. | 3.4 | 44 |
| 43 | Involvement of Creatine Kinase B in Hepatitis C Virus Genome Replication through Interaction with the Viral NS4A Protein. Journal of Virology, 2009, 83, 5137-5147. | 3.4 | 42 |
| 44 | Interaction of Hepatitis C Virus Nonstructural Protein 5A with Core Protein Is Critical for the Production of Infectious Virus Particles. Journal of Virology, 2008, 82, 7964-7976. | 3.4 | 322 |
| 45 | Critical Role of Virion-Associated Cholesterol and Sphingolipid in Hepatitis C Virus Infection. Journal of Virology, 2008, 82, 5715-5724. | 3.4 | 186 |
| 46 | Polypyrimidine-tract-binding Protein is a Component of the HCV RNA Replication Complex and Necessary for RNA Synthesis. Journal of Biomedical Science, 2006, 13, 469-480. | 7.0 | 40 |
| 47 | Human VAP-B Is Involved in Hepatitis C Virus Replication through Interaction with NS5A and NS5B. Journal of Virology, 2005, 79, 13473-13482. | 3.4 | 181 |
| 48 | Interactions between Viral Nonstructural Proteins and Host Protein hVAP-33 Mediate the Formation of Hepatitis C Virus RNA Replication Complex on Lipid Raft. Journal of Virology, 2004, 78, 3480-3488. | 3.4 | 286 |
| 49 | Characterization of the hepatitis C virus RNA replication complex associated with lipid rafts. Virology, 2004, 324, 450-461. | 2.4 | 247 |
| 50 | Hepatitis C Virus RNA Replication Occurs on a Detergent-Resistant Membrane That Cofractionates with Caveolin-2. Journal of Virology, 2003, 77, 4160-4168. | 3.4 | 241 |
| 51 | Expression profiling of liver cell lines expressing entire or parts of hepatitis C virus open reading frame. Hepatology, 2002, 36, 1431-1438. | 7.3 | 26 |
| 52 | A Human Liver Cell Line Exhibits Efficient Translation of HCV RNAs Produced by a Recombinant Adenovirus Expressing T7 RNA Polymerase. Virology, 1998, 250, 140-150. | 2.4 | 65 |