Masamichi Muramatsu

List of Publications by Year
in descending order

114 papers	14,791 citations	61984 43 h-index	22832 112 g-index
118 all docs	118 docs citations	118 times ranked	10101 citing authors

#	Article	IF	Citations
1	Hepatitis C Virus-Induced ROS/JNK Signaling Pathway Activates the E3 Ubiquitin Ligase Itch to Promote the Release of HCV Particles via Polyubiquitylation of VPS4A. Journal of Virology, 2022, 96, JVI0181121.	3.4	9
2	Experimental Cross-Species Transmission of Rat Hepatitis E Virus to Rhesus and Cynomolgus Monkeys. Viruses, 2022, 14, 293.	3.3	16
3	Induction of neutralizing antibodies against hepatitis C virus by a subviral particle-based DNA vaccine. Antiviral Research, 2022, 199, 105266.	4.1	5
4	The kinesin KIF4 mediates HBV/HDV entry through the regulation of surface NTCP localization and can be targeted by RXR agonists in vitro. PLoS Pathogens, 2022, 18, e1009983.	4.7	5
5	Fungal Secondary Metabolite Exophillic Acid Selectively Inhibits the Entry of Hepatitis B and D Viruses. Viruses, 2022, 14, 764.	3.3	9
6	IFN-Î³â€'Induced APOBEC3B Contributes to Merkel Cell Polyomavirus Genome Mutagenesis in Merkel Cell Carcinoma. Journal of Investigative Dermatology, 2022, 142, 1793-1803.e11.	0.7	6
7	Activities of endogenous APOBEC3s and uracil-DNA-glycosylase affect the hypermutation frequency of hepatitis B virus cccDNA. Journal of General Virology, 2022, 103, .	2.9	3
8	Evaluation of Heat Inactivation of Human Norovirus in Freshwater Clams Using Human Intestinal Enteroids. Viruses, 2022, 14, 1014.	3.3	7
9	Novel flavonoid hybrids as potent antiviral agents against hepatitis A: Design, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2022, 238, 114452.	5.5	3
10	Novel Neplanocin A Derivatives as Selective Inhibitors of Hepatitis B Virus with a Unique Mechanism of Action. Antimicrobial Agents and Chemotherapy, 2022, 66, .	3.2	2
11	Estrogen induces the expression of <scp>EBV</scp> lytic protein <scp>ZEBRA</scp>, aÂmarker of poor prognosis in nasopharyngeal carcinoma. Cancer Science, 2022, 113, 2862-2877.	3.9	9
12	Mongolia Gerbils Are Broadly Susceptible to Hepatitis E Virus. Viruses, 2022, 14, 1125.	3.3	8
13	Persistent infection with a rabbit hepatitis E virus created by a reverse genetics system. Transboundary and Emerging Diseases, 2021, 68, 615-625.	3.0	10
14	Activation-induced cytidine deaminase is a possible regulator of cross-talk between oocytes and granulosa cells through GDF-9 and SCF feedback system. Scientific Reports, 2021, 11, 3833.	3.3	4
15	Isolation and Characterization of a Subtype 4b of Hepatitis E Virus Using a PLC/PRF/5 cell-derived Cell Line Resistant to Porcine Sapelovirus Infection. Japanese Journal of Infectious Diseases, 2021, 74, 573-575.	1.2	2
16	Generation of a Bactrian camel hepatitis E virus by a reverse genetics system. Journal of General Virology, 2021, 102, .	2.9	7
17	MafF Is an Antiviral Host Factor That Suppresses Transcription from Hepatitis B Virus Core Promoter. Journal of Virology, 2021, 95, e0076721.	3.4	11
18	Identification of natural compounds extracted from crude drugs as novel inhibitors of hepatitis C virus. Biochemical and Biophysical Research Communications, 2021, 567, 1-8.	2.1	5

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19	Immunogenicity and Antigenicity of Rabbit Hepatitis E Virus-Like Particles Produced by Recombinant Baculoviruses. Viruses, 2021, 13, 1573.	3.3	3
20	Seroprevalence of Flavivirus Neutralizing Antibodies in Thailand by High-Throughput Neutralization Assay: Endemic Circulation of Zika Virus before 2012. MSphere, 2021, 6, e0033921.	2.9	6
21	A Cross-Species Transmission of a Camel-Derived Genotype 8 Hepatitis E Virus to Rabbits. Pathogens, 2021, 10, 1374.	2.8	8
22	NTCP Oligomerization Occurs Downstream of the NTCP-EGFR Interaction during Hepatitis B Virus Internalization. Journal of Virology, 2021, 95, e0093821.	3.4	11
23	Prolonged Gut Dysbiosis and Fecal Excretion of Hepatitis A Virus in Patients Infected with Human Immunodeficiency Virus. Viruses, 2021, 13, 2101.	3.3	8
24	Dasabuvir Inhibits Human Norovirus Infection in Human Intestinal Enteroids. MSphere, 2021, 6, e0062321.	2.9	19
25	Development of an intervention system for linkage-to-care and follow-up for hepatitis B and C virus carriers. Hepatology International, 2021, , 1.	4.2	2
26	Comparison of the Clinical Features of Hepatitis A in People Living with HIV between Pandemics in 1999â€“2000 and 2017â€“2018 in the Metropolitan Area of Japan. Japanese Journal of Infectious Diseases, 2020, 73, 89-95.	1.2	7
27	The machinery for endocytosis of epidermal growth factor receptor coordinates the transport of incoming hepatitis B virus to the endosomal network. Journal of Biological Chemistry, 2020, 295, 800-807.	3.4	30
28	Immunization of human hepatitis E viruses conferred protection against challenge by a camel hepatitis E virus. Vaccine, 2020, 38, 7316-7322.	3.8	3
29	MCPIP1 reduces HBV-RNA by targeting its epsilon structure. Scientific Reports, 2020, 10, 20763.	3.3	10
30	EBVâ€LMP1 induces APOBEC3s and mitochondrial DNA hypermutation in nasopharyngeal cancer. Cancer Medicine, 2020, 9, 7663-7671.	2.8	12
31	Characterization of a Novel Rat Hepatitis E Virus Isolated from an Asian Musk Shrew (Suncus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.3	7
32	The machinery for endocytosis of epidermal growth factor receptor coordinates the transport of incoming hepatitis B virus to the endosomal network. Journal of Biological Chemistry, 2020, 295, 800-807.	3.4	37
33	APOBEC 3 regulates keratinocyte differentiation and expression of Notch3. Experimental Dermatology, 2019, 28, 1341-1347.	2.9	5
34	Different antiviral activities of natural APOBEC3C, APOBEC3G, and APOBEC3H variants against hepatitis B virus. Biochemical and Biophysical Research Communications, 2019, 518, 26-31.	2.1	10
35	Adenosine deaminase acting on RNA-1 (ADAR1) inhibits hepatitis B virus (HBV) replication by enhancing microRNA-122 processing. Journal of Biological Chemistry, 2019, 294, 14043-14054.	3.4	18
36	High Prevalence of Hepatitis E Virus Infection in Imported Cynomolgus Monkeys in Japan. Japanese Journal of Infectious Diseases, 2019, 72, 429-431.	1.2	8

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37	Activation of protein kinase R by hepatitis C virus RNA-dependent RNA polymerase. Virology, 2019, 529, 226-233.	2.4	12
38	Expression of estrogen receptor alpha is associated with pathogenesis and prognosis of human papillomavirusâ€positive oropharyngeal cancer. International Journal of Cancer, 2019, 145, 1547-1557.	5.1	25
39	Current status of hepatitis E virus infection at a rhesus monkey farm in China. Veterinary Microbiology, 2019, 230, 244-248.	1.9	14
40	Epidermal growth factor receptor is a host-entry cofactor triggering hepatitis B virus internalization. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8487-8492.	7.1	170
41	A Single Adaptive Mutation in Sodium Taurocholate Cotransporting Polypeptide Induced by Hepadnaviruses Determines Virus Species Specificity. Journal of Virology, 2019, 93, .	3.4	26
42	Expression and subcellular localisation of AID and APOBEC3 in adenoid and palatine tonsils. Scientific Reports, 2018, 8, 918.	3.3	9
43	High-throughput neutralization assay for multiple flaviviruses based on single-round infectious particles using dengue virus type 1 reporter replicon. Scientific Reports, 2018, 8, 16624.	3.3	43
44	The aryl hydrocarbon receptorâ€“cytochrome P450 1A1 pathway controls lipid accumulation and enhances the permissiveness for hepatitis C virus assembly. Journal of Biological Chemistry, 2018, 293, 19559-19571.	3.4	42
45	Keratinocyte differentiation induces APOBEC3A, 3B, and mitochondrial DNA hypermutation. Scientific Reports, 2018, 8, 9745.	3.3	13
46	Flap endonuclease 1 is involved in cccDNA formation in the hepatitis B virus. PLoS Pathogens, 2018, 14, e1007124.	4.7	78
47	A new strategy to identify hepatitis B virus entry inhibitors by AlphaScreen technology targeting the envelope-receptor interaction. Biochemical and Biophysical Research Communications, 2018, 501, 374-379.	2.1	28
48	Troglitazone Impedes the Oligomerization of Sodium Taurocholate Cotransporting Polypeptide and Entry of Hepatitis B Virus Into Hepatocytes. Frontiers in Microbiology, 2018, 9, 3257.	3.5	38
49	<scp>APOBEC</scp>3G is increasingly expressed on the human uterine cervical intraepithelial neoplasia along with disease progression. American Journal of Reproductive Immunology, 2017, 78, e12703.	1.2	17
50	Molecular characterization of AID-mediated reduction of hepatitis B virus transcripts. Virology, 2017, 510, 281-288.	2.4	7
51	Expression of activationâ€induced cytidine deaminase enhances the clearance of pneumococcal pneumonia: evidence of a subpopulation of protective antiâ€pneumococcal B1a cells. Immunology, 2016, 147, 97-113.	4.4	19
52	Hypermutation in theE2gene of human papillomavirus type 16 in cervical intraepithelial neoplasia. Journal of Medical Virology, 2015, 87, 1754-1760.	5.0	29
53	HPV Status Determines the Efficacy of Adjuvant Chemotherapy With S-1, an Oral Fluorouracil Prodrug, in Oropharyngeal Cancer. Annals of Otology, Rhinology and Laryngology, 2015, 124, 400-406.	1.1	3
54	APOBEC3A and 3C decrease human papillomavirus 16 pseudovirion infectivity. Biochemical and Biophysical Research Communications, 2015, 457, 295-299.	2.1	42

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55	TGF-Î² Suppression of HBV RNA through AID-Dependent Recruitment of an RNA Exosome Complex. PLoS Pathogens, 2015, 11, e1004780.	4.7	45
56	Genetic Variations of Human Papillomavirus Type 16: Implications for Cervical Carcinogenesis. Japanese Journal of Infectious Diseases, 2015, 68, 169-175.	1.2	18
57	Detection of hypermutated human papillomavirus type 16 genome by Next-Generation Sequencing. Virology, 2015, 485, 460-466.	2.4	21
58	APOBEC3 Deaminases Induce Hypermutation in Human Papillomavirus 16 DNA upon Beta Interferon Stimulation. Journal of Virology, 2014, 88, 1308-1317.	3.4	84
59	Low-affinity IgM antibodies lacking somatic hypermutations are produced in the secondary response of C57BL/6 mice to (4-hydroxy-3-nitrophenyl)acetyl hapten. International Immunology, 2014, 26, 195-208.	4.0	7
60	Immunoglobulin class switching to IgG4 in Warthin tumor and analysis of serum IgG4 levels and IgG4-positive plasma cells in the tumor. Human Pathology, 2014, 45, 793-801.	2.0	14
61	Concerted action of activationâ€induced cytidine deaminase and uracilâ€DNA glycosylase reduces covalently closed circular DNA of duck hepatitis B virus. FEBS Letters, 2013, 587, 3148-3152.	2.8	14
62	RNA editing of hepatitis B virus transcripts by activation-induced cytidine deaminase. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2246-2251.	7.1	54
63	IgG and IgE Collaboratively Accelerate Expulsion of Strongyloides venezuelensis in a Primary Infection. Infection and Immunity, 2013, 81, 2518-2527.	2.2	45
64	Uracil DNA Glycosylase Counteracts APOBEC3G-Induced Hypermutation of Hepatitis B Viral Genomes: Excision Repair of Covalently Closed Circular DNA. PLoS Pathogens, 2013, 9, e1003361.	4.7	61
65	Interleukin-1 and Tumor Necrosis Factor-Î± Trigger Restriction of Hepatitis B Virus Infection via a Cytidine Deaminase Activation-induced Cytidine Deaminase (AID). Journal of Biological Chemistry, 2013, 288, 31715-31727.	3.4	140
66	Role of Activation-Induced Cytidine Deaminase in the Development of Oral Squamous Cell Carcinoma. PLoS ONE, 2013, 8, e62066.	2.5	20
67	PD-1 and LAG-3 inhibitory co-receptors act synergistically to prevent autoimmunity in mice. Journal of Experimental Medicine, 2011, 208, 395-407.	8.5	256
68	Histone3 lysine4 trimethylation regulated by the facilitates chromatin transcription complex is critical for DNA cleavage in class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22190-22195.	7.1	100
69	Carboxy-terminal domain of AID required for its mRNA complex formation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2747-2751.	7.1	21
70	AID-induced decrease in topoisomerase 1 induces DNA structural alteration and DNA cleavage for class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22375-22380.	7.1	66
71	Antibodies to myelin oligodendrocyte glycoprotein are not involved in the severity of chronic non-remitting experimental autoimmune encephalomyelitis. Immunology Letters, 2009, 122, 145-149.	2.5	8
72	AID is required for germinal centerâ€“derived lymphomagenesis. Nature Genetics, 2008, 40, 108-112.	21.4	340

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73	AID-deficient Bcl-xL transgenic mice develop delayed atypical plasma cell tumors with unusual Ig/Myc chromosomal rearrangements. Journal of Experimental Medicine, 2007, 204, 2989-3001.	8.5	45
74	Activation-induced cytidine deaminase (AID) promotes B cell lymphomagenesis in Emu-cmyc transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1616-1620.	7.1	72
75	Discovery of Activationâ€Induced Cytidine Deaminase, the Engraver of Antibody Memory. Advances in Immunology, 2007, 94, 1-36.	2.2	105
76	AID to overcome the limitations of genomic information by introducing somatic DNA alterations. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2006, 82, 104-120.	3.8	0
77	Evolution of class switch recombination function in fish activation-induced cytidine deaminase, AID. International Immunology, 2006, 18, 41-47.	4.0	84
78	Negative regulation of activation-induced cytidine deaminase in B cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2752-2757.	7.1	93
79	Identification of a Specific Domain Required for Dimerization of Activation-induced Cytidine Deaminase. Journal of Biological Chemistry, 2006, 281, 19115-19123.	3.4	23
80	AID to overcome the limitations of genomic information. Nature Immunology, 2005, 6, 655-661.	14.5	91
81	DNA cleavage in immunoglobulin somatic hypermutation depends on de novo protein synthesis but not on uracil DNA glycosylase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2022-2027.	7.1	34
82	CXCR5-Dependent Seeding of Follicular Niches by B and Th Cells Augments Antiviral B Cell Responses. Journal of Immunology, 2005, 175, 7109-7116.	0.8	68
83	A target selection of somatic hypermutations is regulated similarly between T and B cells upon activation-induced cytidine deaminase expression. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4506-4511.	7.1	70
84	Aberrant expansion of segmented filamentous bacteria in IgA-deficient gut. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1981-1986.	7.1	642
85	De novo protein synthesis is required for activation-induced cytidine deaminase-dependent DNA cleavage in immunoglobulin class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13003-13007.	7.1	39
86	Activation-induced cytidine deaminase shuttles between nucleus and cytoplasm like apolipoprotein B mRNA editing catalytic polypeptide 1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1975-1980.	7.1	271
87	Uracil DNA Glycosylase Activity Is Dispensable for Immunoglobulin Class Switch. Science, 2004, 305, 1160-1163.	12.6	112
88	Separate domains of AID are required for somatic hypermutation and class-switch recombination. Nature Immunology, 2004, 5, 707-712.	14.5	199
89	AID Is Required for c-myc/IgH Chromosome Translocations In Vivo. Cell, 2004, 118, 431-438.	28.9	417
90	Aid. Immunity, 2004, 20, 659-668.	14.3	181

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91	B1b Lymphocytes Confer T Cell-Independent Long-Lasting Immunity. Immunity, 2004, 21, 379-390.	14.3	368
92	Unmutated immunoglobulin M can protect mice from death by influenza virus infection. International Congress Series, 2004, 1263, 135-140.	0.2	0
93	Molecular Mechanism of Class Switch Recombination. , 2004, , 307-326.		7
94	RNA-editing cytidine deaminase Apobec-1 is unable to induce somatic hypermutation in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12895-12898.	7.1	30
95	AID mutant analyses indicate requirement for class-switch-specific cofactors. Nature Immunology, 2003, 4, 843-848.	14.5	301
96	Activationâ€Induced Cytidine Deaminase Links Class Switch Recombination and Somatic Hypermutation. Annals of the New York Academy of Sciences, 2003, 987, 1-8.	3.8	40
97	Constitutive Expression of AID Leads to Tumorigenesis. Journal of Experimental Medicine, 2003, 197, 1173-1181.	8.5	405
98	Unmutated Immunoglobulin M Can Protect Mice from Death by Influenza Virus Infection. Journal of Experimental Medicine, 2003, 197, 1779-1785.	8.5	72
99	De novo protein synthesis is required for the activation-induced cytidine deaminase function in class-switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2634-2638.	7.1	104
100	Type two hyper-IgM syndrome caused by mutation in activation-induced cytidine deaminase. Journal of Medical and Dental Sciences, 2003, 50, 41-6.	0.4	42
101	Critical Roles of Activation-Induced Cytidine Deaminase in the Homeostasis of Gut Flora. Science, 2002, 298, 1424-1427.	12.6	546
102	DNA Double-Strand Breaks. Journal of Experimental Medicine, 2002, 195, 1187-1192.	8.5	83
103	MOLECULARMECHANISM OFCLASSSWITCHRECOMBINATION: Linkage with Somatic Hypermutation. Annual Review of Immunology, 2002, 20, 165-196.	21.8	549
104	AID Enzyme-Induced Hypermutation in an Actively Transcribed Gene in Fibroblasts. Science, 2002, 296, 2033-2036.	12.6	345
105	Activation-induced Deaminase (AID)-directed Hypermutation in the Immunoglobulin SÎ¼ Region. Journal of Experimental Medicine, 2002, 195, 529-534.	8.5	182
106	The AID enzyme induces class switch recombination in fibroblasts. Nature, 2002, 416, 340-345.	27.8	240
107	Complex layers of genetic alteration in the generation of antibody diversity. Trends in Immunology, 2001, 22, 66-68.	6.8	8
108	AID is required to initiate Nbs1/Î³-H2AX focus formation and mutations at sites of class switching. Nature, 2001, 414, 660-665.	27.8	459

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109	In situ class switching and differentiation to IgA-producing cells in the gut lamina propria. Nature, 2001, 413, 639-643.	27.8	381
110	Isolation, Tissue Distribution, and Chromosomal Localization of the Human Activation-Induced Cytidine Deaminase (AID) Gene. Genomics, 2000, 68, 85-88.	2.9	129
111	Class Switch Recombination and Hypermutation Require Activation-Induced Cytidine Deaminase (AID), a Potential RNA Editing Enzyme. Cell, 2000, 102, 553-563.	28.9	3,089
112	Activation-Induced Cytidine Deaminase (AID) Deficiency Causes the Autosomal Recessive Form of the Hyper-IgM Syndrome (HIGM2). Cell, 2000, 102, 565-575.	28.9	1,489
113	Specific Expression of Activation-induced Cytidine Deaminase (AID), a Novel Member of the RNA-editing Deaminase Family in Germinal Center B Cells. Journal of Biological Chemistry, 1999, 274, 18470-18476.	3.4	1,014
114	Fractalkine and macrophage-derived chemokine: T cell-attracting chemokines expressed in T cell area dendritic cells. European Journal of Immunology, 1999, 29, 1925-1932.	2.9	101