

Toru Okamoto

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,877
citations

20
h-index

43
g-index

52
ext. papers

2,446
ext. citations

9.5
avg, IF

4.02
L-index

#	Paper	IF	Citations
48	The pseudokinase MLKL mediates necroptosis via a molecular switch mechanism. <i>Immunity</i> , 2013 , 39, 443-53	32.3	717
47	Hepatitis C virus RNA replication is regulated by FKBP8 and Hsp90. <i>EMBO Journal</i> , 2006 , 25, 5015-25	13	195
46	An infectivity-enhancing site on the SARS-CoV-2 spike protein targeted by antibodies. <i>Cell</i> , 2021 , 184, 3452-3466.e18	56.2	76
45	Amphipathic Helices in apolipoproteins are crucial to the formation of infectious hepatitis C virus particles. <i>PLoS Pathogens</i> , 2014 , 10, e1004534	7.6	64
44	Lipoprotein Receptors Redundantly Participate in Entry of Hepatitis C Virus. <i>PLoS Pathogens</i> , 2016 , 12, e1005610	7.6	54
43	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. <i>Journal of Experimental Medicine</i> , 2016 , 213, 605-19	16.6	52
42	A single-amino-acid mutation in hepatitis C virus NS5A disrupting FKBP8 interaction impairs viral replication. <i>Journal of Virology</i> , 2008 , 82, 3480-9	6.6	51
41	Hallmarks of hepatitis C virus in equine hepatitis virus. <i>Journal of Virology</i> , 2014 , 88, 13352-66	6.6	47
40	Regulation of Apoptosis during Flavivirus Infection. <i>Viruses</i> , 2017 , 9,	6.2	41
39	Semagacestat Is a Pseudo-Inhibitor of NS5A. <i>Cell Reports</i> , 2017 , 21, 259-273	10.6	37
38	Characterization of Recombinant Flaviviridae Viruses Possessing a Small Reporter Tag. <i>Journal of Virology</i> , 2018 , 92,	6.6	36
37	TRC8-dependent degradation of hepatitis C virus immature core protein regulates viral propagation and pathogenesis. <i>Nature Communications</i> , 2016 , 7, 11379	17.4	33
36	Hepatitis B virus efficiently infects non-adherent hepatoma cells via human sodium taurocholate cotransporting polypeptide. <i>Scientific Reports</i> , 2015 , 5, 17047	4.9	33
35	Baculovirus as a Tool for Gene Delivery and Gene Therapy. <i>Viruses</i> , 2018 , 10,	6.2	33
34	Indoleamine-2,3-dioxygenase as an effector and an indicator of protective immune responses in patients with acute hepatitis B. <i>Hepatology</i> , 2016 , 63, 83-94	11.2	30
33	Establishment of an infectious genotype 1b hepatitis C virus clone in human hepatocyte chimeric mice. <i>Journal of General Virology</i> , 2008 , 89, 2108-2113	4.9	30
32	Engineered ACE2 receptor therapy overcomes mutational escape of SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 3802	17.4	28

31	Extensive Ca ²⁺ leak through K4750Q cardiac ryanodine receptors caused by cytosolic and luminal Ca ²⁺ hypersensitivity. <i>Journal of General Physiology</i> , 2017 , 149, 199-218	3.4	26
30	Peroxiredoxin 1, a Novel HBx-Interacting Protein, Interacts with Exosome Component 5 and Negatively Regulates Hepatitis B Virus (HBV) Propagation through Degradation of HBV RNA. <i>Journal of Virology</i> , 2019 , 93,	6.6	23
29	Hepatocyte Factor JMJD5 Regulates Hepatitis B Virus Replication through Interaction with HBx. <i>Journal of Virology</i> , 2016 , 90, 3530-42	6.6	22
28	Anti-HCV effect of Lentinula edodes mycelia solid culture extracts and low-molecular-weight lignin. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 462, 52-7	3.4	20
27	Characterization of miR-122-independent propagation of HCV. <i>PLoS Pathogens</i> , 2017 , 13, e1006374	7.6	19
26	Inhibitory effect of CDK9 inhibitor FIT-039 on hepatitis B virus propagation. <i>Antiviral Research</i> , 2016 , 133, 156-64	10.8	18
25	Infection with flaviviruses requires BCLXL for cell survival. <i>PLoS Pathogens</i> , 2018 , 14, e1007299	7.6	18
24	Host-derived apolipoproteins play comparable roles with viral secretory proteins Erns and NS1 in the infectious particle formation of Flaviviridae. <i>PLoS Pathogens</i> , 2017 , 13, e1006475	7.6	17
23	Dynamics of Reporter Viruses. <i>Journal of Virology</i> , 2019 , 93,	6.6	16
22	Bone morphogenetic protein 4 provides cancer-supportive phenotypes to liver fibroblasts in patients with hepatocellular carcinoma. <i>Journal of Gastroenterology</i> , 2019 , 54, 1007-1018	6.9	16
21	Dysregulated Expression of the Nuclear Exosome Targeting Complex Component Rbm7 in Nonhematopoietic Cells Licenses the Development of Fibrosis. <i>Immunity</i> , 2020 , 52, 542-556.e13	32.3	15
20	The RAB2B-GARIL5 Complex Promotes Cytosolic DNA-Induced Innate Immune Responses. <i>Cell Reports</i> , 2017 , 20, 2944-2954	10.6	14
19	Human Cathelicidin Compensates for the Role of Apolipoproteins in Hepatitis C Virus Infectious Particle Formation. <i>Journal of Virology</i> , 2016 , 90, 8464-77	6.6	12
18	Suppression of HBV replication by the expression of nickase- and nuclease dead-Cas9. <i>Scientific Reports</i> , 2017 , 7, 6122	4.9	11
17	Induction of selective autophagy in cells replicating hepatitis C virus genome. <i>Journal of General Virology</i> , 2018 , 99, 1643-1657	4.9	11
16	CXCR4 regulates development in mouse and human hepatocytes. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1733-1748	16.6	10
15	Involvement of FKBP6 in hepatitis C virus replication. <i>Scientific Reports</i> , 2015 , 5, 16699	4.9	10
14	USP15 Participates in Hepatitis C Virus Propagation through Regulation of Viral RNA Translation and Lipid Droplet Formation. <i>Journal of Virology</i> , 2019 , 93,	6.6	8

13	Characterization of SPP inhibitors suppressing propagation of HCV and protozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E10782-E10791	11.5	6
12	Cell surface N-glycan alteration in HepAD38 cell lines expressing Hepatitis B virus. <i>Virus Research</i> , 2017 , 238, 101-109	6.4	6
11	Quasispecies of Hepatitis C Virus Participate in Cell-Specific Infectivity. <i>Scientific Reports</i> , 2017 , 7, 45228	4.9	5
10	Production of hepatitis E virus-like particles presenting multiple foreign epitopes by co-infection of recombinant baculoviruses. <i>Scientific Reports</i> , 2016 , 6, 21638	4.9	4
9	Establishment of a stable SARS-CoV-2 replicon system for application in high-throughput screening.. <i>Antiviral Research</i> , 2022 , 105268	10.8	2
8	SARS-CoV-2 ORF6 disrupts nucleocytoplasmic trafficking to advance viral replication.. <i>Communications Biology</i> , 2022 , 5, 483	6.7	2
7	SARS-CoV-2 infection triggers paracrine senescence and leads to a sustained senescence-associated inflammatory response. <i>Nature Aging</i> ,		1
6	Engineered ACE2 counteracts vaccine-evading SARS-CoV-2 Omicron variant		1
5	Novel miRNA biomarkers for genotoxicity screening in mouse. <i>Toxicology</i> , 2018 , 404-405, 68-75	4.4	1
4	An engineered ACE2 decoy neutralizes the SARS-CoV-2 Omicron variant and confers protection against infection in vivo.. <i>Science Translational Medicine</i> , 2022 , 14, eabn7737	17.5	1
3	Evaluation of viral contamination in a baculovirus expression system. <i>Microbiology and Immunology</i> , 2018 , 62, 200-204	2.7	0
2	St6gal1 knockdown alters HBV life cycle in HepAD38 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 1841-1847	3.4	0
1	Deneddylaton by SENP8 restricts hepatitis B virus propagation. <i>Microbiology and Immunology</i> , 2021 , 65, 125-135	2.7	0