Toru Okamoto

List of Publications by Year in Descending Order

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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	Establishment of a stable SARS-CoV-2 replicon system for application in high-throughput screening.. *Antiviral Research*, **2022**, 105268	10.8	2
47	An engineered ACE2 decoy neutralizes the SARS-CoV-2 Omicron variant and confers protection against infection in vivo.. *Science Translational Medicine*, **2022**, 14, eabn7737	17.5	1
46	SARS-CoV-2 ORF6 disrupts nucleocytoplasmic trafficking to advance viral replication.. *Communications Biology*, **2022**, 5, 483	6.7	2
45	Engineered ACE2 receptor therapy overcomes mutational escape of SARS-CoV-2. *Nature Communications*, **2021**, 12, 3802	17.4	28
44	An infectivity-enhancing site on the SARS-CoV-2 spike protein targeted by antibodies. *Cell*, **2021**, 184, 3452-3466.e18	56.2	76
43	Deneddylation by SENP8 restricts hepatitis B virus propagation. *Microbiology and Immunology*, **2021** , 65, 125-135	2.7	0
42	Dysregulated Expression of the Nuclear Exosome Targeting Complex Component Rbm7 in Nonhematopoietic Cells Licenses the Development of Fibrosis. *Immunity*, **2020**, 52, 542-556.e13	32.3	15
41	Dynamics of Reporter Viruses. *Journal of Virology*, **2019**, 93,	6.6	16
40	CXCR4 regulates development in mouse and human hepatocytes. *Journal of Experimental Medicine*, **2019**, 216, 1733-1748	16.6	10
39	Bone morphogenetic protein 4 provides cancer-supportive phenotypes to liver fibroblasts in patients with hepatocellular carcinoma. *Journal of Gastroenterology*, **2019**, 54, 1007-1018	6.9	16
38	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. *Journal of Virology*, **2019**, 93,	6.6	23
37	USP15 Participates in Hepatitis C Virus Propagation through Regulation of Viral RNA Translation and Lipid Droplet Formation. *Journal of Virology*, **2019**, 93,	6.6	8
36	Evaluation of viral contamination in a baculovirus expression system. *Microbiology and Immunology*, **2018**, 62, 200-204	2.7	0
35	Characterization of Recombinant Flaviviridae Viruses Possessing a Small Reporter Tag. *Journal of Virology*, **2018**, 92,	6.6	36
34	St6gal1 knockdown alters HBV life cycle in HepAD38 cells. *Biochemical and Biophysical Research Communications*, **2018**, 503, 1841-1847	3.4	0
33	Induction of selective autophagy in cells replicating hepatitis C virus genome. *Journal of General Virology*, **2018**, 99, 1643-1657	4.9	11
32	Infection with flaviviruses requires BCLXL for cell survival. *PLoS Pathogens*, **2018**, 14, e1007299	7.6	18

31	Baculovirus as a Tool for Gene Delivery and Gene Therapy. *Viruses*, **2018**, 10,	6.2	33
30	Novel miRNA biomarkers for genotoxicity screening in mouse. *Toxicology*, **2018**, 404-405, 68-75	4.4	1
29	Extensive Ca2+ leak through K4750Q cardiac ryanodine receptors caused by cytosolic and luminal Ca2+ hypersensitivity. *Journal of General Physiology*, **2017**, 149, 199-218	3.4	26
28	Quasispecies of Hepatitis C Virus Participate in Cell-Specific Infectivity. *Scientific Reports*, **2017**, 7, 45228	4.9	5
27	Semagacestat Is a Pseudo-Inhibitor of □Secretase. *Cell Reports*, **2017**, 21, 259-273	10.6	37
26	Characterization of miR-122-independent propagation of HCV. *PLoS Pathogens*, **2017**, 13, e1006374	7.6	19
25	The RAB2B-GARIL5 Complex Promotes Cytosolic DNA-Induced Innate Immune Responses. *Cell Reports*, **2017**, 20, 2944-2954	10.6	14
24	Suppression of HBV replication by the expression of nickase- and nuclease dead-Cas9. *Scientific Reports*, **2017**, 7, 6122	4.9	11
23	Characterization of SPP inhibitors suppressing propagation of HCV and protozoa. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E10782-E10791	11.5	6
22	Cell surface N-glycan alteration in HepAD38 cell lines expressing Hepatitis B virus. *Virus Research*, **2017**, 238, 101-109	6.4	6
21	Regulation of Apoptosis during Flavivirus Infection. *Viruses*, **2017**, 9,	6.2	41
20	Host-derived apolipoproteins play comparable roles with viral secretory proteins Erns and NS1 in the infectious particle formation of Flaviviridae. *PLoS Pathogens*, **2017**, 13, e1006475	7.6	17
19	Inhibitory effect of CDK9 inhibitor FIT-039 on hepatitis B virus propagation. *Antiviral Research*, **2016** , 133, 156-64	10.8	18
18	TRC8-dependent degradation of hepatitis C virus immature core protein regulates viral propagation and pathogenesis. *Nature Communications*, **2016**, 7, 11379	17.4	33
17	Hepatocyte Factor JMJD5 Regulates Hepatitis B Virus Replication through Interaction with HBx. *Journal of Virology*, **2016**, 90, 3530-42	6.6	22
16	Indoleamine-2,3-dioxygenase as an effector and an indicator of protective immune responses in patients with acute hepatitis B. *Hepatology*, **2016**, 63, 83-94	11.2	30
15	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. *Journal of Experimental Medicine*, **2016**, 213, 605-19	16.6	52
14	Lipoprotein Receptors Redundantly Participate in Entry of Hepatitis C Virus. *PLoS Pathogens*, **2016**, 12, e1005610	7.6	54

13	Production of hepatitis E virus-like particles presenting multiple foreign epitopes by co-infection of recombinant baculoviruses. *Scientific Reports*, **2016**, 6, 21638	4.9	4
12	Human Cathelicidin Compensates for the Role of Apolipoproteins in Hepatitis C Virus Infectious Particle Formation. *Journal of Virology*, **2016**, 90, 8464-77	6.6	12
11	Hepatitis B virus efficiently infects non-adherent hepatoma cells via human sodium taurocholate cotransporting polypeptide. *Scientific Reports*, **2015**, 5, 17047	4.9	33
10	Involvement of FKBP6 in hepatitis C virus replication. *Scientific Reports*, **2015**, 5, 16699	4.9	10
9	Anti-HCV effect of Lentinula edodes mycelia solid culture extracts and low-molecular-weight lignin. *Biochemical and Biophysical Research Communications*, **2015**, 462, 52-7	3.4	20
8	Hallmarks of hepatitis C virus in equine hepacivirus. *Journal of Virology*, **2014**, 88, 13352-66	6.6	47
7	Amphipathic α-helices in apolipoproteins are crucial to the formation of infectious hepatitis C virus particles. *PLoS Pathogens*, **2014**, 10, e1004534	7.6	64
6	The pseudokinase MLKL mediates necroptosis via a molecular switch mechanism. *Immunity*, **2013**, 39, 443-53	32.3	717
5	Establishment of an infectious genotype 1b hepatitis C virus clone in human hepatocyte chimeric mice. *Journal of General Virology*, **2008**, 89, 2108-2113	4.9	30
4	A single-amino-acid mutation in hepatitis C virus NS5A disrupting FKBP8 interaction impairs viral replication. *Journal of Virology*, **2008**, 82, 3480-9	6.6	51
3	Hepatitis C virus RNA replication is regulated by FKBP8 and Hsp90. *EMBO Journal*, **2006**, 25, 5015-25	13	195
2	SARS-CoV-2 infection triggers paracrine senescence and leads to a sustained senescence-associated inflammatory response. *Nature Aging*,		1
1	Engineered ACE2 counteracts vaccine-evading SARS-CoV-2 Omicron variant		1