

Keigo Machida

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7047461/publications.pdf>

Version: 2024-02-01

79
papers

4,557
citations

94433

37
h-index

102487

66
g-index

81
all docs

81
docs citations

81
times ranked

6470
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the art treatment of hepatitis B virus hepatocellular carcinoma and the role of hepatitis B surface antigen post-liver transplantation and resection. <i>Liver International</i> , 2022, 42, 288-298.	3.9	5
2	A review of alcohol-pathogen interactions: New insights into combined disease pathomechanisms. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 359-370.	2.4	9
3	Activated and nonactivated MSCs increase survival in humanized mice after acute liver injury through alcohol binging. <i>Hepatology Communications</i> , 2022, 6, 1549-1560.	4.3	4
4	c-JUN inhibits mTORC2 and glucose uptake to promote self-renewal and obesity. <i>IScience</i> , 2022, 25, 104325.	4.1	3
5	Immunotherapy and Microbiota for Targeting of Liver Tumor-Initiating Stem-like Cells. <i>Cancers</i> , 2022, 14, 2381.	3.7	4
6	The chaperone GRP78 is a host auxiliary factor for SARS-CoV-2 and GRP78 depleting antibody blocks viral entry and infection. <i>Journal of Biological Chemistry</i> , 2021, 296, 100759.	3.4	102
7	p53 destabilizing protein skews asymmetric division and enhances NOTCH activation to direct self-renewal of TICs. <i>Nature Communications</i> , 2020, 11, 3084.	12.8	26
8	Cell fate, metabolic reprogramming and lncRNA of tumor-initiating stem-like cells induced by alcohol. <i>Chemico-Biological Interactions</i> , 2020, 323, 109055.	4.0	7
9	Transcriptional regulation of autophagy-lysosomal function in BRAF-driven melanoma progression and chemoresistance. <i>Nature Communications</i> , 2019, 10, 1693.	12.8	119
10	Regulation of Hepatitis C Virus Infection by Cellular Retinoic Acid Binding Proteins through the Modulation of Lipid Droplet Abundance. <i>Journal of Virology</i> , 2019, 93, .	3.4	20
11	Pluripotency Transcription Factors and Metabolic Reprogramming of Mitochondria in Tumor-Initiating Stem-like Cells. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1080-1089.	5.4	13
12	The 2-oxoglutarate carrier promotes liver cancer by sustaining mitochondrial GSH despite cholesterol loading. <i>Redox Biology</i> , 2018, 14, 164-177.	9.0	59
13	NANOG-Dependent Metabolic Reprogramming and Symmetric Division in Tumor-Initiating Stem-like Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1032, 105-113.	1.6	5
14	Hepatitis C virus has a genetically determined lymphotropism through co-receptor B7.2. <i>Nature Communications</i> , 2017, 8, 13882.	12.8	35
15	Existence of cancer stem cells in hepatocellular carcinoma: myth or reality?. <i>Hepatology International</i> , 2017, 11, 143-147.	4.2	12
16	Mitophagy Controls the Activities of Tumor Suppressor p53 to Regulate Hepatic Cancer Stem Cells. <i>Molecular Cell</i> , 2017, 68, 281-292.e5.	9.7	179
17	NANOG Metabolically Reprograms Tumor-Initiating Stem-like Cells through Tumorigenic Changes in Oxidative Phosphorylation and Fatty Acid Metabolism. <i>Cell Metabolism</i> , 2016, 23, 206-219.	16.2	285
18	TLR4 Signaling via NANOG Cooperates With STAT3 to Activate Twist1 and Promote Formation of Tumor-Initiating Stem-Like Cells in Livers of Mice. <i>Gastroenterology</i> , 2016, 150, 707-719.	1.3	76

#	ARTICLE	IF	CITATIONS
19	Extrahepatic Replication of HCV. , 2016, , 165-184.		3
20	TGF- β 2-spectrin/CTCF-regulated tumor suppression in human stem cell disorder Beckwith-Wiedemann syndrome. Journal of Clinical Investigation, 2016, 126, 527-542.	8.2	39
21	Osteopontin deficiency does not prevent but promotes alcoholic neutrophilic hepatitis in mice. Hepatology, 2015, 61, 129-140.	7.3	96
22	NUMB phosphorylation destabilizes p53 and promotes self-renewal of tumor-initiating cells by a NANOG-dependent mechanism in liver cancer. Hepatology, 2015, 62, 1466-1479.	7.3	49
23	TLR4-Dependent Tumor-Initiating Stem Cell-Like Cells (TICs) in Alcohol-Associated Hepatocellular Carcinogenesis. Advances in Experimental Medicine and Biology, 2015, 815, 131-144.	1.6	21
24	Smad7 regulates compensatory hepatocyte proliferation in damaged mouse liver and positively relates to better clinical outcome in human hepatocellular carcinoma. Clinical Science, 2015, 128, 761-774.	4.3	23
25	Truncating mutation in the autophagy gene UVRAG confers oncogenic properties and chemosensitivity in colorectal cancers. Nature Communications, 2015, 6, 7839.	12.8	67
26	Abstract 892: Vitamin D deficiency regulates TLR7 to promote hepatocellular cancer in TGF- β 2/Smad3 heterozygous mice. , 2015, , .		0
27	Abstract 3040: NANOG metabolically reprograms tumor-initiating stem-like cells in oxidative phosphorylation and fatty acid metabolism. , 2015, , .		0
28	Necrostatin-1 protects against reactive oxygen species (ROS)-induced hepatotoxicity in acetaminophen-induced acute liver failure. FEBS Open Bio, 2014, 4, 777-787.	2.3	127
29	Alcohol, TLR4-TGF- β 2 antagonism, and liver cancer. Hepatology International, 2014, 8, 408-412.	4.2	16
30	Oncogenic signaling pathways and origins of tumor-initiating stem-like cells of hepatocellular carcinomas induced by hepatitis C virus, alcohol and/or obesity. Hepatology International, 2014, 8, 330-338.	4.2	8
31	HCV Infection Enhances Th17 Commitment, Which Could Affect the Pathogenesis of Autoimmune Diseases. PLoS ONE, 2014, 9, e98521.	2.5	18
32	Abstract 4111: Vitamin D for prevention of liver cancer in the setting of disrupted TGF- β 2 signaling pathway. , 2014, , .		0
33	Abstract 4794: NANOG represses mitochondrial energy production and promotes fatty acid synthesis to promote self-renewal in tumor-initiating cells. , 2014, , .		0
34	Abstract 248: Vitamin D deficiency promotes hepatocellular carcinoma tumor growth in TGF- β 2 impaired mice by Smad3 heterozygous deletion. , 2014, , .		0
35	Tumor-initiating stem-like cells and drug resistance: carcinogenesis through Toll-like receptors, environmental factors, and virus. Drug Delivery and Translational Research, 2013, 3, 152-164.	5.8	6
36	PPARs and Liver Disease. PPAR Research, 2013, 2013, 1-2.	2.4	3

#	ARTICLE	IF	CITATIONS
37	The TBC1D15 Oncoprotein Controls Stem Cell Self-Renewal through Destabilization of the Numb-p53 Complex. PLoS ONE, 2013, 8, e57312.	2.5	22
38	Reciprocal regulation by TLR4 and TGF- β 2 in tumor-initiating stem-like cells. Journal of Clinical Investigation, 2013, 123, 2832-2849.	8.2	140
39	Abstract 4893: ProtooncogenicTLR4induces NANOG-mediated oncogenic signaling via synergistic interaction with STAT3 pathway in experimental and clinical tumor-initiating cells.. , 2013, , .		0
40	Pluripotency factor-mediated expression of the leptin receptor (OB-R) links obesity to oncogenesis through tumor-initiating stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 829-834.	7.1	85
41	Replication of Hepatitis C Virus RNA on Autophagosomal Membranes. Journal of Biological Chemistry, 2012, 287, 18036-18043.	3.4	156
42	Mouse intragastric infusion (iG) model. Nature Protocols, 2012, 7, 771-781.	12.0	88
43	Mitochondrial GSH determines the toxic or therapeutic potential of superoxide scavenging in steatohepatitis. Journal of Hepatology, 2012, 57, 852-859.	3.7	70
44	A Super TLR Agonist to Improve Efficacy of Dendritic Cell Vaccine in Induction of Anti-HCV Immunity. PLoS ONE, 2012, 7, e48614.	2.5	10
45	Cancer stem cells generated by alcohol, diabetes, and hepatitis C virus. Journal of Gastroenterology and Hepatology (Australia), 2012, 27, 19-22.	2.8	41
46	Morphogens and hepatic stellate cell fate regulation in chronic liver disease. Journal of Gastroenterology and Hepatology (Australia), 2012, 27, 94-98.	2.8	31
47	Hepatitis C Virus Translation Preferentially Depends on Active RNA Replication. PLoS ONE, 2012, 7, e43600.	2.5	12
48	Abstract 1017: ProtooncogenicTLR4generates NANOG-dependent tumor-initiating stem-like cells through LIN28-Let7 pathway in experimental and clinical carcinogenesis. , 2012, , .		0
49	Lymphotropism of Hepatitis C Virus. , 2012, , 293-323.		0
50	Lymphotropic HCV strain can infect human primary na \tilde{v} e CD4+ cells and affect their proliferation and IFN- β 3 secretion activity. Journal of Gastroenterology, 2011, 46, 232-241.	5.1	33
51	Hepatitis C Virus-Related Lymphomagenesis in a Mouse Model. ISRN Hematology, 2011, 2011, 1-8.	1.6	16
52	Abstract 2447: Novel TLR4-Nanog stemness pathway in liver cancer stem cells confers resistance to TGF- β 2-mediated tumor suppression through YAP1 and IGF2BP3-AKT-mTOR. , 2011, , .		0
53	c-Jun mediates hepatitis C virus hepatocarcinogenesis through signal transducer and activator of transcription 3 and nitric oxide-dependent impairment of oxidative DNA repair. Hepatology, 2010, 52, 480-492.	7.3	84
54	Alcohol and Hepatitis C Virus“Interactions in Immune Dysfunctions and Liver Damage. Alcoholism: Clinical and Experimental Research, 2010, 34, 1675-1686.	2.4	70

#	ARTICLE	IF	CITATIONS
55	Toll-Like Receptor Signaling in Liver Diseases. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-2.	1.5	18
56	TLRs, Alcohol, HCV, and Tumorigenesis. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-8.	1.5	18
57	Hepatitis C Virus Inhibits DNA Damage Repair through Reactive Oxygen and Nitrogen Species and by Interfering with the ATM-NBS1/Mre11/Rad50 DNA Repair Pathway in Monocytes and Hepatocytes. <i>Journal of Immunology</i> , 2010, 185, 6985-6998.	0.8	84
58	Polo-Like Kinase 1 Is Involved in Hepatitis C Virus Replication by Hyperphosphorylating NS5A. <i>Journal of Virology</i> , 2010, 84, 7983-7993.	3.4	70
59	Abstract 5357: TLR4-dependent Nanog+ cancer stem cells exhibit defective TGF- β 2 signaling through IGF-Akt-Yap1 pathway. , 2010, , .		0
60	Ethanol Augments RANTES/CCL5 Expression in Rat Liver Sinusoidal Endothelial Cells and Human Endothelial Cells via Activation of NF- κ B, HIF-1 α , and AP-1. <i>Journal of Immunology</i> , 2009, 183, 5964-5976.	0.8	48
61	Toll-like receptor 4 mediates synergism between alcohol and HCV in hepatic oncogenesis involving stem cell marker Nanog. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1548-1553.	7.1	210
62	Molecular Mechanism of Hepatitis C Virus Carcinogenesis. , 2009, , 93-135.		1
63	“Second Hit”-Models of Alcoholic Liver Disease. <i>Seminars in Liver Disease</i> , 2009, 29, 178-187.	3.6	80
64	Hepatitis C Virus Infection of T Cells Inhibits Proliferation and Enhances Fas-Mediated Apoptosis by Down-Regulating the Expression of CD44 Splicing Variant 6. <i>Journal of Infectious Diseases</i> , 2009, 199, 726-736.	4.0	39
65	Hepatitis C Virus Causes Uncoupling of Mitotic Checkpoint and Chromosomal Polyploidy through the Rb Pathway. <i>Journal of Virology</i> , 2009, 83, 12590-12600.	3.4	65
66	SYNCRIP (synaptotagmin-binding, cytoplasmic RNA-interacting protein) is a host factor involved in hepatitis C virus RNA replication. <i>Virology</i> , 2009, 386, 249-256.	2.4	37
67	Hepatitis C Virus and Disrupted Interferon Signaling Promote Lymphoproliferation via Type II CD95 and Interleukins. <i>Gastroenterology</i> , 2009, 137, 285-296.e11.	1.3	32
68	Hepatitis C virus NS3/4A protein interacts with ATM, impairs DNA repair and enhances sensitivity to ionizing radiation. <i>Virology</i> , 2008, 370, 295-309.	2.4	83
69	Hepatitis C Virus (HCV)-Induced Immunoglobulin Hypermutation Reduces the Affinity and Neutralizing Activities of Antibodies against HCV Envelope Protein. <i>Journal of Virology</i> , 2008, 82, 6711-6720.	3.4	41
70	Association of Hepatitis C Virus Replication Complexes with Microtubules and Actin Filaments Is Dependent on the Interaction of NS3 and NS5A. <i>Journal of Virology</i> , 2008, 82, 8838-8848.	3.4	87
71	Hepatitis C virus infects T cells and affects interferon- β 3 signaling in T cell lines. <i>Virology</i> , 2007, 361, 161-173.	2.4	66
72	Hepatitis C Virus Induces Toll-Like Receptor 4 Expression, Leading to Enhanced Production of Beta Interferon and Interleukin-6. <i>Journal of Virology</i> , 2006, 80, 866-874.	3.4	184

#	ARTICLE	IF	CITATIONS
73	HCV core expression in hepatocytes protects against autoimmune liver injury and promotes liver regeneration in mice. <i>Hepatology</i> , 2006, 44, 936-944.	7.3	28
74	Hepatitis C Virus Triggers Mitochondrial Permeability Transition with Production of Reactive Oxygen Species, Leading to DNA Damage and STAT3 Activation. <i>Journal of Virology</i> , 2006, 80, 7199-7207.	3.4	222
75	Hepatitis C Virus E2-CD81 Interaction Induces Hypermutation of the Immunoglobulin Gene in B Cells. <i>Journal of Virology</i> , 2005, 79, 8079-8089.	3.4	139
76	Hepatitis C Virus Infection Activates the Immunologic (Type II) Isoform of Nitric Oxide Synthase and Thereby Enhances DNA Damage and Mutations of Cellular Genes. <i>Journal of Virology</i> , 2004, 78, 8835-8843.	3.4	170
77	Hepatitis C virus induces a mutator phenotype: Enhanced mutations of immunoglobulin and protooncogenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4262-4267.	7.1	346
78	Inhibition of Cytochrome c Release in Fas-mediated Signaling Pathway in Transgenic Mice Induced to Express Hepatitis C Viral Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 12140-12146.	3.4	92
79	Isolation of RNA Aptamers Specific to the NS3 Protein of Hepatitis C Virus from a Pool of Completely Random RNA. <i>Virology</i> , 1997, 237, 270-282.	2.4	100