

Ruth Broering

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,203
citations

279701

23
h-index

223716

46
g-index

53
all docs

53
docs citations

53
times ranked

2862
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatitis B virus suppresses toll-like receptor-mediated innate immune responses in murine parenchymal and nonparenchymal liver cells. <i>Hepatology</i> , 2009, 49, 1132-1140.	3.6	294
2	Toll-like receptor-mediated control of HBV replication by nonparenchymal liver cells in mice. <i>Hepatology</i> , 2007, 46, 1769-1778.	3.6	256
3	Toll-like receptor-induced innate immune responses in nonparenchymal liver cells are cell type-specific. <i>Immunology</i> , 2010, 129, 363-374.	2.0	178
4	Toll-like receptor-stimulated non-parenchymal liver cells can regulate hepatitis C virus replication. <i>Journal of Hepatology</i> , 2008, 48, 914-922.	1.8	86
5	The interferon stimulated gene 15 functions as a proviral factor for the hepatitis C virus and as a regulator of the IFN response. <i>Gut</i> , 2010, 59, 1111-1119.	6.1	85
6	Toll-like receptor activated human and murine hepatic stellate cells are potent regulators of hepatitis C virus replication. <i>Journal of Hepatology</i> , 2009, 51, 1037-1045.	1.8	80
7	Hepatitis B virus rigs the cellular metabolome to avoid innate immune recognition. <i>Nature Communications</i> , 2021, 12, 98.	5.8	78
8	Role of Toll-like receptors in liver health and disease. <i>Clinical Science</i> , 2011, 121, 415-426.	1.8	73
9	Role of Toll-like receptor 2 in the immune response against hepadnaviral infection. <i>Journal of Hepatology</i> , 2012, 57, 522-528.	1.8	69
10	All-In-One: Advanced preparation of Human Parenchymal and Non-Parenchymal Liver Cells. <i>PLoS ONE</i> , 2015, 10, e0138655.	1.1	69
11	Therapeutic Antiviral Effect of the Nucleic Acid Polymer REP 2055 against Persistent Duck Hepatitis B Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0140909.	1.1	68
12	Toll-like receptor-mediated immune responses are attenuated in the presence of high levels of hepatitis B virus surface antigen. <i>Journal of Viral Hepatitis</i> , 2014, 21, 860-872.	1.0	58
13	Chemical modifications on siRNAs avoid Toll-like-receptor-mediated activation of the hepatic immune system <i>in vivo</i> and <i>in vitro</i> . <i>International Immunology</i> , 2014, 26, 35-46.	1.8	52
14	TLR2 Stimulation Strengthens Intrahepatic Myeloid-Derived Cell-Mediated T Cell Tolerance through Inducing Kupffer Cell Expansion and IL-10 Production. <i>Journal of Immunology</i> , 2018, 200, 2341-2351.	0.4	52
15	Inducible Rubicon facilitates viral replication by antagonizing interferon production. <i>Cellular and Molecular Immunology</i> , 2017, 14, 607-620.	4.8	48
16	MicroRNA-155 controls Toll-like receptor 3 and hepatitis C virus-induced immune responses in the liver. <i>Journal of Viral Hepatitis</i> , 2014, 21, 99-110.	1.0	45
17	KIR2DL3+NKG2A ^{hi} natural killer cells are associated with protection from productive hepatitis C virus infection in people who inject drugs. <i>Journal of Hepatology</i> , 2014, 61, 475-481.	1.8	38
18	Hepatitis B Virus Particles Activate Toll-like Receptor 2 Signaling Initially Upon Infection of Primary Human Hepatocytes. <i>Hepatology</i> , 2020, 72, 829-844.	3.6	36

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19	AMPK and Akt/mTOR signalling pathways participate in glucose-mediated regulation of hepatitis B virus replication and cellular autophagy. <i>Cellular Microbiology</i> , 2020, 22, e13131.	1.1	36
20	Preclinical development of TLR ligands as drugs for the treatment of chronic viral infections. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 597-611.	2.5	35
21	C19orf66 is an interferon-induced inhibitor of HCV replication that restricts formation of the viral replication organelle. <i>Journal of Hepatology</i> , 2020, 73, 549-558.	1.8	35
22	Corticosteroids shift the Toll-like receptor response pattern of primary-isolated murine liver cells from an inflammatory to an anti-inflammatory state. <i>International Immunology</i> , 2011, 23, 537-544.	1.8	30
23	Advanced Method for Isolation of Mouse Hepatocytes, Liver Sinusoidal Endothelial Cells, and Kupffer Cells. <i>Methods in Molecular Biology</i> , 2017, 1540, 249-258.	0.4	30
24	Nucleic acid-based polymers effective against hepatitis B Virus infection in patients don't harbor immunostimulatory properties in primary isolated liver cells. <i>Scientific Reports</i> , 2017, 7, 43838.	1.6	24
25	OGlcNAcylation modulates HBV replication through regulating cellular autophagy at multiple levels. <i>FASEB Journal</i> , 2020, 34, 14473-14489.	0.2	24
26	Identification of proteins that mediate the pro-viral functions of the interferon stimulated gene 15 in hepatitis C virus replication. <i>Antiviral Research</i> , 2013, 100, 654-661.	1.9	23
27	B Cells in Chronically Hepatitis C Virus-Infected Individuals Lack a Virus-Induced Mutation Signature in the TP53, CTNNB1, and BCL6 Genes. <i>Journal of Virology</i> , 2013, 87, 2956-2962.	1.5	22
28	Recent advances in the discovery and development of TLR ligands as novel therapeutics for chronic HBV and HIV infections. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 661-670.	2.5	22
29	Hepatic expression of oncogenes Bmi1 and Dkk1 is upregulated in hepatitis B virus surface antigen-transgenic mice and can be induced by treatment with HBV particles or lipopolysaccharides in vitro. <i>International Journal of Cancer</i> , 2017, 141, 354-363.	2.3	20
30	In Vivo Mouse Models for Hepatitis B Virus Infection and Their Application. <i>Frontiers in Immunology</i> , 2021, 12, 766534.	2.2	19
31	Long-term stimulation of Toll-like receptor 3 in primary human hepatocytes leads to sensitization for antiviral responses induced by poly I:C treatment. <i>Journal of Viral Hepatitis</i> , 2014, 21, 480-490.	1.0	18
32	Hepatitis B virus genome replication triggers toll-like receptor 3-dependent interferon responses in the absence of hepatitis B surface antigen. <i>Scientific Reports</i> , 2016, 6, 24865.	1.6	16
33	Set7 Facilitates Hepatitis C Virus Replication via Enzymatic Activity-Dependent Attenuation of the IFN-Related Pathway. <i>Journal of Immunology</i> , 2015, 194, 2757-2768.	0.4	14
34	Elevated Expression of Chemokine CXCL13 in Chronic Hepatitis B Patients Links to Immune Control during Antiviral Therapy. <i>Frontiers in Immunology</i> , 2017, 8, 323.	2.2	14
35	Major Vault Protein Promotes Hepatocellular Carcinoma Through Targeting Interferon Regulatory Factor 2 and Decreasing p53 Activity. <i>Hepatology</i> , 2020, 72, 518-534.	3.6	13
36	Initial Hepatitis C Virus Infection of Adult Hepatocytes Triggers a Temporally Structured Transcriptional Program Containing Diverse Pro- and Antiviral Elements. <i>Journal of Virology</i> , 2021, 95,	1.5	13

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37	Hippo Pathway Counter-Regulates Innate Immunity in Hepatitis B Virus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 684424.	2.2	13
38	9-PAHSA Prevents Mitochondrial Dysfunction and Increases the Viability of Steatotic Hepatocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8279.	1.8	11
39	Autoimmune hepatitis induction can occur in the liver. <i>Liver International</i> , 2020, 40, 377-381.	1.9	10
40	Sofosbuvir Activates EGFR-Dependent Pathways in Hepatoma Cells with Implications for Liver-Related Pathological Processes. <i>Cells</i> , 2020, 9, 1003.	1.8	10
41	Human hepatocyte-enriched miRNA-192-3p promotes HBV replication through inhibiting Akt/mTOR signalling by targeting ZNF143 in hepatic cell lines. <i>Emerging Microbes and Infections</i> , 2022, 11, 616-628.	3.0	9
42	Hepatic expression of proteasome subunit alpha type α 6 is upregulated during viral hepatitis and putatively regulates the expression of <i>ISG15</i> ubiquitin-like modifier, a proviral host gene in hepatitis C virus infection. <i>Journal of Viral Hepatitis</i> , 2016, 23, 375-386.	1.0	7
43	Intrahepatic <i>B</i> -cell follicles of chronically hepatitis <i>C</i> virus-infected individuals lack signs of an ectopic germinal center reaction. <i>European Journal of Immunology</i> , 2014, 44, 1842-1850.	1.6	6
44	Transcriptome-Wide Analysis of Human Liver Reveals Age-Related Differences in the Expression of Select Functional Gene Clusters and Evidence for a PPP1R10-Governed "Aging Cascade". <i>Pharmaceutics</i> , 2021, 13, 2009.	2.0	6
45	Interferon Alpha Induces Cellular Autophagy and Modulates Hepatitis B Virus Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804011.	1.8	6
46	HBeAg induces liver sinusoidal endothelial cell activation to promote intrahepatic CD8 T cell immunity and HBV clearance. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2572-2574.	4.8	5
47	Peripheral blood iNKT cell activation correlates with liver damage during acute hepatitis C. <i>JCI Insight</i> , 2022, 7, .	2.3	4
48	Antiviral Toll-like Receptor Signaling in Non-Parenchymal Liver Cells Is Restricted to TLR3. <i>Viruses</i> , 2022, 14, 218.	1.5	4
49	The impact of hepatitis B surface antigen on natural killer cells in patients with chronic hepatitis B virus infection. <i>Liver International</i> , 2021, 41, 2046-2058.	1.9	3
50	Controversial: Early Innate Responses to Hepatitis B Virus Infection, an Explanation for Viral Persistence?. <i>Virologica Sinica</i> , 2021, 36, 163-166.	1.2	2
51	Toll-like receptor-induced innate immune responses in non-parenchymal liver cells are cell type-specific. , 2010, 129, 363.		1
52	Toll Like Receptors in Chronic Viral Hepatitis " Friend and Foe. , 2011, , .		0