Percy A. Knolle

List of Publications by Citations

197 papers	14,152 citations	63 h-index	116 g-index
221 ext. papers	16,945 ext. citations	11 avg, IF	6.28 L-index

#	Paper	IF	Citations
197	Micro-RNA profiling reveals a role for miR-29 in human and murine liver fibrosis. *Hepatology*, **2011**, 53, 209-18	11.2	611
196	Efficient presentation of exogenous antigen by liver endothelial cells to CD8+ T cells results in antigen-specific T-cell tolerance. *Nature Medicine*, **2000**, 6, 1348-54	50.5	589
195	Antigen-presenting cell function in the tolerogenic liver environment. *Nature Reviews Immunology*, **2010**, 10, 753-66	36.5	524
194	Distinct pathways of antigen uptake and intracellular routing in CD4 and CD8 T cell activation. *Science*, **2007**, 316, 612-6	33.3	494
193	Local control of the immune response in the liver. *Immunological Reviews*, **2000**, 174, 21-34	11.3	483
192	Reduced frequencies and suppressive function of CD4+CD25hi regulatory T cells in patients with chronic lymphocytic leukemia after therapy with fludarabine. *Blood*, **2005**, 106, 2018-25	2.2	414
191	Living in the liver: hepatic infections. *Nature Reviews Immunology*, **2012**, 12, 201-13	36.5	367
190	Metabolic activation of intrahepatic CD8+ T cells and NKT cells causes nonalcoholic steatohepatitis and liver cancer via cross-talk with hepatocytes. *Cancer Cell*, **2014**, 26, 549-64	24.3	359
189	Tolerance towards resident intestinal flora in mice is abrogated in experimental colitis and restored by treatment with interleukin-10 or antibodies to interleukin-12. *European Journal of Immunology*, **1996**, 26, 934-8	6.1	319
188	Cross-priming in health and disease. *Nature Reviews Immunology*, **2010**, 10, 403-14	36.5	316
187	TOX reinforces the phenotype and longevity of exhausted T cells in chronic viral infection. *Nature*, **2019**, 571, 265-269	50.4	312
186	NLRP3 inflammasome activity is negatively controlled by miR-223. *Journal of Immunology*, **2012**, 189, 4175-81	5.3	312
185	A dendritic cell-specific intercellular adhesion molecule 3-grabbing nonintegrin (DC-SIGN)-related protein is highly expressed on human liver sinusoidal endothelial cells and promotes HIV-1 infection. *Journal of Experimental Medicine*, **2001**, 193, 671-8	16.6	300
184	High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. *Nature Immunology*, **2014**, 15, 152-60	19.1	254
183	In vivo peripheral expansion of naive CD4+CD25high FoxP3+ regulatory T cells in patients with multiple myeloma. *Blood*, **2006**, 107, 3940-9	2.2	243
182	The nuclear receptor PPAR gamma selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. *Journal of Experimental Medicine*, **2009**, 206, 2079-89	16.6	240
181	Tolerogenic maturation of liver sinusoidal endothelial cells promotes B7-homolog 1-dependent CD8+ T cell tolerance. *Hepatology*, **2008**, 47, 296-305	11.2	204

180	Towards an HBV cure: state-of-the-art and unresolved questions--report of the ANRS workshop on HBV cure. *Gut*, **2015**, 64, 1314-26	19.2	198
179	Fluorescence-activated cell sorting for aptamer SELEX with cell mixtures. *Nature Protocols*, **2010**, 5, 1993-2004	12.8	168
178	Intrahepatic myeloid-cell aggregates enable local proliferation of CD8(+) T cells and successful immunotherapy against chronic viral liver infection. *Nature Immunology*, **2013**, 14, 574-83	19.1	164
177	Alternative cross-priming through CCL17-CCR4-mediated attraction of CTLs toward NKT cell-licensed DCs. *Nature Immunology*, **2010**, 11, 313-20	19.1	164
176	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. *Nature*, **2021**, 592, 450-456	50.4	164
175	T cells expressing a chimeric antigen receptor that binds hepatitis B virus envelope proteins control virus replication in mice. *Gastroenterology*, **2013**, 145, 456-65	13.3	155
174	Crosstalk between sentinel and helper macrophages permits neutrophil migration into infected uroepithelium. *Cell*, **2014**, 156, 456-68	56.2	147
173	Hepatic immune regulation and its involvement in viral hepatitis infection. *Gastroenterology*, **2014**, 146, 1193-207	13.3	147
172	Enrichment of cell-targeting and population-specific aptamers by fluorescence-activated cell sorting. *Angewandte Chemie - International Edition*, **2008**, 47, 5190-3	16.4	146
171	Repression of the genome organizer SATB1 in regulatory T cells is required for suppressive function and inhibition of effector differentiation. *Nature Immunology*, **2011**, 12, 898-907	19.1	145
170	Systemic application of CpG-rich DNA suppresses adaptive T cell immunity via induction of IDO. *European Journal of Immunology*, **2006**, 36, 12-20	6.1	143
169	Functional classification of memory CD8(+) T cells by CX3CR1 expression. *Nature Communications*, **2015**, 6, 8306	17.4	142
168	Neighborhood politics: the immunoregulatory function of organ-resident liver endothelial cells. *Trends in Immunology*, **2001**, 22, 432-7	14.4	139
167	RIG-I detects infection with live Listeria by sensing secreted bacterial nucleic acids. *EMBO Journal*, **2012**, 31, 4153-64	13	132
166	Platelet GPIbα is a mediator and potential interventional target for NASH and subsequent liver cancer. *Nature Medicine*, **2019**, 25, 641-655	50.5	123
165	TCF1 hepatitis C virus-specific CD8 T cells are maintained after cessation of chronic antigen stimulation. *Nature Communications*, **2017**, 8, 15050	17.4	121
164	Cross-presentation of oral antigens by liver sinusoidal endothelial cells leads to CD8 T cell tolerance. *European Journal of Immunology*, **2005**, 35, 2970-81	6.1	121
163	Development and functional consequences of LPS tolerance in sinusoidal endothelial cells of the liver. *Journal of Leukocyte Biology*, **2005**, 77, 626-33	6.5	118

162	Tissue inhibitor of metalloproteinases (TIMP)-1 creates a premetastatic niche in the liver through SDF-1/CXCR4-dependent neutrophil recruitment in mice. *Hepatology*, **2015**, 61, 238-48	11.2	115
161	An NLRP3-specific inflammasome inhibitor attenuates crystal-induced kidney fibrosis in mice. *Kidney International*, **2016**, 90, 525-39	9.9	112
160	Toll-like receptor 2-mediated innate immune response in human nonparenchymal liver cells toward adeno-associated viral vectors. *Hepatology*, **2012**, 55, 287-97	11.2	100
159	Peroxisome proliferator-activated receptor gamma control of dendritic cell function contributes to development of CD4+ T cell anergy. *Journal of Immunology*, **2007**, 178, 2122-31	5.3	99
158	Kupffer Cell-Derived Tnf Triggers Cholangiocellular Tumorigenesis through JNK due to Chronic Mitochondrial Dysfunction and ROS. *Cancer Cell*, **2017**, 31, 771-789.e6	24.3	98
157	Activated human hepatic stellate cells induce myeloid derived suppressor cells from peripheral blood monocytes in a CD44-dependent fashion. *Journal of Hepatology*, **2013**, 59, 528-35	13.4	97
156	Endothelial cell-mediated uptake of a hepatitis B virus: a new concept of liver targeting of hepatotropic microorganisms. *Hepatology*, **2001**, 34, 803-8	11.2	96
155	Proinflammatory stimulation and pioglitazone treatment regulate peroxisome proliferator-activated receptor gamma levels in peripheral blood mononuclear cells from healthy controls and multiple sclerosis patients. *Journal of Immunology*, **2005**, 175, 4948-55	5.3	94
154	Immunological functions of liver sinusoidal endothelial cells. *Cellular and Molecular Immunology*, **2016**, 13, 347-53	15.4	93
153	Foxp3+ regulatory T cells protect the liver from immune damage and compromise virus control during acute experimental hepatitis B virus infection in mice. *Hepatology*, **2012**, 56, 873-83	11.2	91
152	Dynamic regulation of CD8 T cell tolerance induction by liver sinusoidal endothelial cells. *Journal of Immunology*, **2010**, 184, 4107-14	5.3	90
151	Liver sinusoidal endothelial cells veto CD8 T cell activation by antigen-presenting dendritic cells. *European Journal of Immunology*, **2008**, 38, 957-67	6.1	90
150	Immunomodulatory effects of the liver: deletion of activated CD4+ effector cells and suppression of IFN-gamma-producing cells after intravenous protein immunization. *Journal of Immunology*, **2002**, 169, 2407-13	5.3	87
149	Regulatory T cells use programmed death 1 ligands to directly suppress autoreactive B cells in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 10468-73	11.5	86
148	Angiotensin-II type 1 receptor-mediated Janus kinase 2 activation induces liver fibrosis. *Hepatology*, **2014**, 60, 334-48	11.2	84
147	Regulatory myeloid cells paralyze T cells through cell-cell transfer of the metabolite methylglyoxal. *Nature Immunology*, **2020**, 21, 555-566	19.1	79
146	Aging-Associated TNF Production Primes Inflammasome Activation and NLRP3-Related Metabolic Disturbances. *Journal of Immunology*, **2016**, 197, 2900-8	5.3	78
145	Transcriptome-based profiling of yolk sac-derived macrophages reveals a role for Irf8 in macrophage maturation. *EMBO Journal*, **2016**, 35, 1730-44	13	78

144	Molecular fingerprinting and autocrine growth regulation of endothelial cells in a murine model of hepatocellular carcinoma. *Cancer Research*, **2006**, 66, 198-211	10.1	77
143	T helper type 1 memory cells disseminate postoperative ileus over the entire intestinal tract. *Nature Medicine*, **2010**, 16, 1407-13	50.5	76
142	MHC class II genes influence the susceptibility to chronic active hepatitis C. *Journal of Hepatology*, **1997**, 27, 259-64	13.4	74
141	Exclusive CX3CR1 dependence of kidney DCs impacts glomerulonephritis progression. *Journal of Clinical Investigation*, **2013**, 123, 4242-54	15.9	73
140	Interleukin-10 expression is autoregulated at the transcriptional level in human and murine Kupffer cells. *Hepatology*, **1998**, 27, 93-9	11.2	71
139	Systemic antigen cross-presented by liver sinusoidal endothelial cells induces liver-specific CD8 T-cell retention and tolerization. *Hepatology*, **2009**, 49, 1664-72	11.2	70
138	Pancreatic Premalignant Lesions Secrete Tissue Inhibitor of Metalloproteinases-1, Which Activates Hepatic Stellate Cells Via CD63 Signaling to Create a Premetastatic Niche in the Liver. *Gastroenterology*, **2016**, 151, 1011-1024.e7	13.3	65
137	Kidney Dendritic Cells Become Pathogenic during Crescentic Glomerulonephritis with Proteinuria. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 306-16	12.7	65
136	IL-6 trans-signaling-dependent rapid development of cytotoxic CD8+ T cell function. *Cell Reports*, **2014**, 8, 1318-27	10.6	64
135	Transfer of HBV genomes using low doses of adenovirus vectors leads to persistent infection in immune competent mice. *Gastroenterology*, **2012**, 142, 1447-50.e3	13.3	63
134	Adenosine regulates CD8 T-cell priming by inhibition of membrane-proximal T-cell receptor signalling. *Immunology*, **2009**, 128, e728-37	7.8	63
133	Cross-presentation of antigens from apoptotic tumor cells by liver sinusoidal endothelial cells leads to tumor-specific CD8+ T cell tolerance. *European Journal of Immunology*, **2006**, 36, 2960-70	6.1	63
132	Distinct kinetics and dynamics of cross-presentation in liver sinusoidal endothelial cells compared to dendritic cells. *Hepatology*, **2009**, 50, 909-19	11.2	61
131	Murine hepatic stellate cells veto CD8 T cell activation by a CD54-dependent mechanism. *Hepatology*, **2011**, 54, 262-72	11.2	60
130	B7-H1 restricts neuroantigen-specific T cell responses and confines inflammatory CNS damage: implications for the lesion pathogenesis of multiple sclerosis. *European Journal of Immunology*, **2008**, 38, 1734-44	6.1	60
129	Liver-primed memory T cells generated under noninflammatory conditions provide anti-infectious immunity. *Cell Reports*, **2013**, 3, 779-95	10.6	57
128	Virally infected mouse liver endothelial cells trigger CD8+ T-cell immunity. *Gastroenterology*, **2010**, 138, 336-46	13.3	57
127	Hepatic sinusoidal cells in health and disease: update from the 14th International Symposium. *Liver International*, **2009**, 29, 490-501	7.9	57

126	CC chemokine receptor 4 is required for experimental autoimmune encephalomyelitis by regulating GM-CSF and IL-23 production in dendritic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 3897-902	11.5	56
125	Kidney dendritic cells induce innate immunity against bacterial pyelonephritis. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 1435-41	12.7	56
124	Murine CD146 is widely expressed on endothelial cells and is recognized by the monoclonal antibody ME-9F1. *Histochemistry and Cell Biology*, **2008**, 129, 441-51	2.4	56
123	Auto-aggressive CXCR6 CD8 T cells cause liver immune pathology in NASH. *Nature*, **2021**, 592, 444-449	50.4	56
122	TNF-induced target cell killing by CTL activated through cross-presentation. *Cell Reports*, **2012**, 2, 478-87	10.6	53
121	Immortalized bone-marrow derived pig endothelial cells. *Xenotransplantation*, **2001**, 8, 48-61	2.8	53
120	CpG-ODN-induced inflammation is sufficient to cause T-cell-mediated autoaggression against hepatocytes. *European Journal of Immunology*, **2002**, 32, 3628-37	6.1	53
119	Tumor-necrosis factor impairs CD4(+) T cell-mediated immunological control in chronic viral infection. *Nature Immunology*, **2016**, 17, 593-603	19.1	52
118	Mechanisms balancing tolerance and immunity in the liver. *Digestive Diseases*, **2011**, 29, 384-90	3.2	50
117	Direct activation of human endothelial cells by Plasmodium falciparum-infected erythrocytes. *Infection and Immunity*, **2005**, 73, 3271-7	3.7	47
116	Myeloid-derived suppressor cells control B cell accumulation in the central nervous system during autoimmunity. *Nature Immunology*, **2018**, 19, 1341-1351	19.1	45
115	Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. *Gut*, **2017**, 66, 507-518	19.2	44
114	Licensing of myeloid cells promotes central nervous system autoimmunity and is controlled by peroxisome proliferator-activated receptor *Brain*, **2012**, 135, 1586-605	11.2	42
113	Regulatory role of periodontal ligament fibroblasts for innate immune cell function and differentiation. *Innate Immunity*, **2012**, 18, 745-52	2.7	42
112	Liver sinusoidal endothelial cells contribute to CD8 T cell tolerance toward circulating carcinoembryonic antigen in mice. *Hepatology*, **2012**, 56, 1924-33	11.2	41
111	Inactivated parapoxvirus ovis (Orf virus) has antiviral activity against hepatitis B virus and herpes simplex virus. *Journal of General Virology*, **2003**, 84, 1843-1852	4.9	41
110	Control of immune responses by savenger liver endothelial cells. *Swiss Medical Weekly*, **2003**, 133, 501-6	3.1	40
109	Serum Amyloid A Induces Inflammation, Proliferation and Cell Death in Activated Hepatic Stellate Cells. *PLoS ONE*, **2016**, 11, e0150893	3.7	39

108	Heterologous prime-boost vaccination with ChAdOx1 nCoV-19 and BNT162b2. *Lancet Infectious Diseases, The*, **2021**, 21, 1212-1213	25.5	39
107	Knockdown of Virus Antigen Expression Increases Therapeutic Vaccine Efficacy in High-Titer Hepatitis B Virus Carrier Mice. *Gastroenterology*, **2020**, 158, 1762-1775.e9	13.3	37
106	KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas. *Brain*, **2012**, 135, 1027-41	11.2	37
105	Antigen delivery via hydrophilic PEG-b-PAGE-b-PLGA nanoparticles boosts vaccination induced T cell immunity. *European Journal of Pharmaceutics and Biopharmaceutics*, **2016**, 102, 20-31	5.7	36
104	Bioluminescence imaging allows measuring CD8 T cell function in the liver. *Hepatology*, **2010**, 51, 1430-7	11.2	35
103	Differential induction of Ly6G and Ly6C positive myeloid derived suppressor cells in chronic kidney and liver inflammation and fibrosis. *PLoS ONE*, **2015**, 10, e0119662	3.7	34
102	Four-and-a-half LIM domain protein 2 is a novel regulator of sphingosine 1-phosphate receptor 1 in CCL19-induced dendritic cell migration. *Journal of Immunology*, **2010**, 185, 1466-75	5.3	33
101	Mannose receptor induces T-cell tolerance via inhibition of CD45 and up-regulation of CTLA-4. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 10649-54	11.5	33
100	Systemic Ablation of MMP-9 Triggers Invasive Growth and Metastasis of Pancreatic Cancer via Deregulation of IL6 Expression in the Bone Marrow. *Molecular Cancer Research*, **2016**, 14, 1147-1158	6.6	32
99	Increased antigen cross-presentation but impaired cross-priming after activation of peroxisome proliferator-activated receptor gamma is mediated by up-regulation of B7H1. *Journal of Immunology*, **2009**, 183, 129-36	5.3	31
98	Expression of type I interferon by splenic macrophages suppresses adaptive immunity during sepsis. *EMBO Journal*, **2012**, 31, 201-13	13	31
97	Sodium chloride is an ionic checkpoint for human T2 cells and shapes the atopic skin microenvironment. *Science Translational Medicine*, **2019**, 11,	17.5	31
96	The induction of human myeloid derived suppressor cells through hepatic stellate cells is dose-dependently inhibited by the tyrosine kinase inhibitors nilotinib, dasatinib and sorafenib, but not sunitinib. *Cancer Immunology, Immunotherapy*, **2016**, 65, 273-82	7.4	30
95	The IDO1-induced kynurenines play a major role in the antimicrobial effect of human myeloid cells against Listeria monocytogenes. *Innate Immunity*, **2014**, 20, 401-11	2.7	30
94	Liver X receptor activation promotes differentiation of regulatory T cells. *PLoS ONE*, **2017**, 12, e0184985	3.7	30
93	Scaling of immune responses against intracellular bacterial infection. *EMBO Journal*, **2014**, 33, 2283-94	13	29
92	Antiproliferative effects of selective adenosine receptor agonists and antagonists on human lymphocytes: evidence for receptor-independent mechanisms. *Purinergic Signalling*, **2013**, 9, 351-65	3.8	29
91	Splenic red pulp macrophages are intrinsically superparamagnetic and contaminate magnetic cell isolates. *Scientific Reports*, **2015**, 5, 12940	4.9	29

90	TIMP-1 signaling via CD63 triggers granulopoiesis and neutrophilia in mice. *Haematologica*, **2015**, 100, 1005-13	6.6	29
89	Batf3-dependent dendritic cells in the renal lymph node induce tolerance against circulating antigens. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 543-9	12.7	29
88	Liver sinusoidal endothelial cells are not permissive for adenovirus type 5. *Human Gene Therapy*, **2000**, 11, 481-6	4.8	29
87	Steady-state cross-presentation of OVA is mannose receptor-dependent but inhibitable by collagen fragments. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, E48-9; author reply E50-1	11.5	28
86	Comparative approach to define increased regulatory T cells in different cancer subtypes by combined assessment of CD127 and FOXP3. *Clinical and Developmental Immunology*, **2011**, 2011, 734036		28
85	The role of liver sinusoidal cells in local hepatic immune surveillance. *Clinical and Translational Immunology*, **2016**, 5, e117	6.8	28
84	Inhibition of LTβR signalling activates WNT-induced regeneration in lung. *Nature*, **2020**, 588, 151-156	50.4	26
83	Transfer of T cell surface molecules to dendritic cells upon CD4+ T cell priming involves two distinct mechanisms. *Journal of Immunology*, **2008**, 181, 3965-73	5.3	26
82	Three exposures to the spike protein of SARS-CoV-2 by either infection or vaccination elicit superior neutralizing immunity to all variants of concern.. *Nature Medicine*, **2022**,	50.5	26
81	The endocannabinoid N-arachidonoyl dopamine (NADA) selectively induces oxidative stress-mediated cell death in hepatic stellate cells but not in hepatocytes. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G873-87	5.1	25
80	Brain endothelial PPARgamma controls inflammation-induced CD4+ T cell adhesion and transmigration in vitro. *Journal of Neuroimmunology*, **2007**, 190, 34-43	3.5	25
79	Liver macrophages in healthy and diseased liver. *Pflugers Archiv European Journal of Physiology*, **2017**, 469, 553-560	4.6	21
78	Lack of PPARδ in myeloid cells confers resistance to Listeria monocytogenes infection. *PLoS ONE*, **2012**, 7, e37349	3.7	21
77	The role of hepatic immune regulation in systemic immunity to viral infection. *Medical Microbiology and Immunology*, **2015**, 204, 21-7	4	20
76	Staying local-antigen presentation in the liver. *Current Opinion in Immunology*, **2016**, 40, 36-42	7.8	20
75	Transfer of MHC-class-I molecules among liver sinusoidal cells facilitates hepatic immune surveillance. *Journal of Hepatology*, **2014**, 61, 600-8	13.4	18
74	STAT5 is an ambivalent regulator of neutrophil homeostasis. *PLoS ONE*, **2007**, 2, e727	3.7	17
73	In vivo expansion of naïve CD4+ CD25(high) FOXP3+ regulatory T cells in patients with colorectal carcinoma after IL-2 administration. *PLoS ONE*, **2012**, 7, e30422	3.7	17

72	Targeting myeloid derived suppressor cells with all-trans retinoic acid is highly time-dependent in therapeutic tumor vaccination. *OncoImmunology*, **2017**, 6, e1338995	7.2	16
71	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. *Cancer Cell*, **2019**, 36, 250-267.e9	24.3	16
70	Induction of murine liver damage by overexpression of CD40 ligand provides an experimental model to study fulminant hepatic failure. *Hepatology*, **2006**, 44, 430-9	11.2	16
69	Prolonged IKK□Inhibition Improves Ongoing CTL Antitumor Responses by Incapacitating Regulatory T Cells. *Cell Reports*, **2017**, 21, 578-586	10.6	15
68	Immediate antigen-specific effector functions by TCR-transgenic CD8+ NKT cells. *European Journal of Immunology*, **2006**, 36, 570-82	6.1	14
67	Synergy of therapeutic heterologous prime-boost hepatitis B vaccination with CpG-application to improve immune control of persistent HBV infection. *Scientific Reports*, **2019**, 9, 10808	4.9	13
66	Spatiotemporally restricted arenavirus replication induces immune surveillance and type I interferon-dependent tumour regression. *Nature Communications*, **2017**, 8, 14447	17.4	12
65	IAP antagonization promotes inflammatory destruction of vascular endothelium. *EMBO Reports*, **2015**, 16, 719-27	6.5	12
64	Fms-like tyrosine kinase 3 receptor ligand (Flt3L)-based vaccination administered with an adenoviral vector prevents tumor growth of colorectal cancer in a BALB/c mouse model. *Journal of Cancer Research and Clinical Oncology*, **2013**, 139, 2097-110	4.9	12
63	Inactivated ORF virus shows antifibrotic activity and inhibits human hepatitis B virus (HBV) and hepatitis C virus (HCV) replication in preclinical models. *PLoS ONE*, **2013**, 8, e74605	3.7	12
62	Mucosal-Associated Invariant T (MAIT) Cells Are Highly Activated and Functionally Impaired in COVID-19 Patients. *Viruses*, **2021**, 13,	6.2	12
61	Liver sinusoidal endothelial cell cross-priming is supported by CD4 T cell-derived IL-2. *Journal of Hepatology*, **2017**, 66, 978-986	13.4	11
60	Autochthonous liver tumors induce systemic T cell tolerance associated with T cell receptor down-modulation. *Hepatology*, **2009**, 49, 471-81	11.2	11
59	Perforin inhibition protects from lethal endothelial damage during fulminant viral hepatitis. *Nature Communications*, **2018**, 9, 4805	17.4	11
58	Transgenic overexpression of Tcfap2c/AP-2gamma results in liver failure and intestinal dysplasia. *PLoS ONE*, **2011**, 6, e22034	3.7	10
57	Cognate interaction between endothelial cells and T cells. *Results and Problems in Cell Differentiation*, **2006**, 43, 151-73	1.4	10
56	Complete congenital heart block in autoimmune hepatitis (SLA-positive). *Journal of Hepatology*, **1994**, 21, 224-6	13.4	10
55	TIMP1 Triggers Neutrophil Extracellular Trap Formation in Pancreatic Cancer. *Cancer Research*, **2021**, 81, 3568-3579	10.1	10

54	Targeted antigen delivery to dendritic cells elicits robust antiviral T cell-mediated immunity in the liver. *Scientific Reports*, **2017**, 7, 43985	4.9	9
53	Global transcriptional characterization of CD8+ T cell memory. *Seminars in Immunology*, **2015**, 27, 4-9	10.7	9
52	B7-H1 Selectively Controls TH17 Differentiation and Central Nervous System Autoimmunity via a Novel Non-PD-1-Mediated Pathway. *Journal of Immunology*, **2015**, 195, 3584-95	5.3	9
51	A dual role for hepatocyte-intrinsic canonical NF-B signaling in virus control. *Journal of Hepatology*, **2020**, 72, 960-975	13.4	9
50	Inactivated Orf virus (Parapoxvirus ovis) elicits antifibrotic activity in models of liver fibrosis. *Hepatology Research*, **2013**, 43, 535-46	5.1	9
49	Tumor Necrosis Factor-Mediated Survival of CD169 Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. *Journal of Virology*, **2018**, 92,	6.6	9
48	Dynamics of spike-and nucleocapsid specific immunity during long-term follow-up and vaccination of SARS-CoV-2 convalescents.. *Nature Communications*, **2022**, 13, 153	17.4	8
47	Non-alcoholic fatty liver disease: the interplay between metabolism, microbes and immunity.. *Nature Metabolism*, **2021**, 3, 1596-1607	14.6	8
46	Single organelle analysis to characterize mitochondrial function and crosstalk during viral infection. *Scientific Reports*, **2019**, 9, 8492	4.9	7
45	Prominent regulatory but weak antigen-presenting cell function of hepatic stellate cells. *Hepatology*, **2011**, 54, 1108	11.2	7
44	Primary tumor-associated expression of CXCR4 predicts formation of local and systemic recurrency in head and neck squamous cell carcinoma. *Oncotarget*, **2017**, 8, 112739-112747	3.3	7
43	The PDL1-inducible GTPase Arl4d controls T effector function by limiting IL-2 production. *Scientific Reports*, **2018**, 8, 16123	4.9	7
42	Inactivated orf virus (Parapoxvirus ovis) induces antitumoral activity in transplantable tumor models. *Anticancer Research*, **2011**, 31, 4185-90	2.3	7
41	Reduced mitochondrial resilience enables non-canonical induction of apoptosis after TNF receptor signaling in virus-infected hepatocytes. *Journal of Hepatology*, **2020**, 73, 1347-1359	13.4	6
40	Outcome of Antiviral Immunity in the Liver Is Shaped by the Level of Antigen Expressed in Infected Hepatocytes. *Hepatology*, **2018**, 68, 2089-2105	11.2	5
39	Liver sinusoidal endothelial cell-mediated CD8 T cell priming depends on co-inhibitory signal integration over time. *PLoS ONE*, **2014**, 9, e99574	3.7	5
38	Checkpoint Inhibition in Head and Neck Cancer: Immune Therapeutic Options, Limitations, and Beyond. *Orl*, **2017**, 79, 24-33	2	4
37	The CGRP receptor component RAMP1 links sensory innervation with YAP activity in the regenerating liver. *FASEB Journal*, **2020**, 34, 8125-8138	0.9	4

36	The nuclear receptor PPARselectively inhibits Th17 differentiation in a T cellntrinsic fashion and suppresses CNS autoimmunity. *Journal of Experimental Medicine*, **2009**, 206, 3159-3159	16.6	4
35	Normal interleukin-12 production in individuals with antibodies to Helicobacter pylori. *Apmis*, **1997**, 105, 824-30	3.4	4
34	Role and Function of Liver Sinusoidal Endothelial Cells **2007**, 25-39		4
33	Rapid and preferential distribution of blood-borne alphaCD3epsilonAb to the liver is followed by local stimulation of T cells and natural killer T cells. *Immunology*, **2006**, 117, 117-26	7.8	4
32	The Liver as an Immune-Privileged Site **2012**, 93-106		4
31	TIMP1 expression underlies sex disparity in liver metastasis and survival in pancreatic cancer. *Journal of Experimental Medicine*, **2021**, 218,	16.6	4
30	A monoclonal antibody raised against bacterially expressed MPV17 sequences shows peroxisomal, endosomal and lysosomal localisation in U2OS cells. *BMC Research Notes*, **2016**, 9, 128	2.3	3
29	XIAP restrains TNF-driven intestinal inflammation and dysbiosis by promoting innate immune responses of Paneth and dendritic cells. *Science Immunology*, **2021**, 6, eabf7235	28	3
28	Immunomodulation by inactivated Orf virus (ORFV) - therapeutic potential **2007**, 297-310		3
27	Cytokine-inducible promoters to drive dynamic transgene expression: The "Smart Graft" strategy. *Xenotransplantation*, **2020**, 27, e12634	2.8	3
26	A novel tissue inhibitor of metalloproteinases-1/liver/cachexia score predicts prognosis of gastrointestinal cancer patients. *Journal of Cachexia, Sarcopenia and Muscle*, **2021**, 12, 378-392	10.3	3
25	IL-6-induced FOXO1 activity determines the dynamics of metabolism in CD8 Tcells cross-primed by liver sinusoidal endothelial cells.. *Cell Reports*, **2022**, 38, 110389	10.6	3
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