

Percy A. Knolle

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.

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 | Three exposures to the spike protein of SARS-CoV-2 by either infection or vaccination elicit superior neutralizing immunity to all variants of concern.. <i>Nature Medicine</i> , 2022 , | 50.5 | 26 |
| 196 | Dynamics of spike-and nucleocapsid specific immunity during long-term follow-up and vaccination of SARS-CoV-2 convalescents.. <i>Nature Communications</i> , 2022 , 13, 153 | 17.4 | 8 |
| 195 | Montelukast is a dual-purpose inhibitor of SARS-CoV-2 infection and virus-induced IL-6 expression identified by structure-based drug repurposing.. <i>Computational and Structural Biotechnology Journal</i> , 2022 , | 6.8 | 2 |
| 194 | Infection Control Measures and Prevalence of SARS-CoV-2 IgG among 4,554 University Hospital Employees, Munich, Germany.. <i>Emerging Infectious Diseases</i> , 2022 , 28, 572-581 | 10.2 | 2 |
| 193 | IL-6-induced FOXO1 activity determines the dynamics of metabolism in CD8 T \bar{c} ells cross-primed by liver sinusoidal endothelial cells.. <i>Cell Reports</i> , 2022 , 38, 110389 | 10.6 | 3 |
| 192 | Mild COVID-19 imprints a long-term inflammatory eicosanoid- and chemokine memory in monocyte-derived macrophages.. <i>Mucosal Immunology</i> , 2022 , | 9.2 | 2 |
| 191 | High precision-cut liver slice model to study cell-autonomous antiviral defense of hepatocytes within their microenvironment.. <i>JHEP Reports</i> , 2022 , 4, 100465 | 10.3 | 0 |
| 190 | XIAP restrains TNF-driven intestinal inflammation and dysbiosis by promoting innate immune responses of Paneth and dendritic cells. <i>Science Immunology</i> , 2021 , 6, eabf7235 | 28 | 3 |
| 189 | Recruitment of highly cytotoxic CD8 T \bar{c} ell receptors in mild SARS-CoV-2 infection.. <i>Cell Reports</i> , 2021 , 110214 | 10.6 | 1 |
| 188 | Auto-aggressive CXCR6 CD8 T cells cause liver immune pathology in NASH. <i>Nature</i> , 2021 , 592, 444-449 | 50.4 | 56 |
| 187 | NASH limits anti-tumour surveillance in immunotherapy-treated HCC. <i>Nature</i> , 2021 , 592, 450-456 | 50.4 | 164 |
| 186 | TIMP1 Triggers Neutrophil Extracellular Trap Formation in Pancreatic Cancer. <i>Cancer Research</i> , 2021 , 81, 3568-3579 | 10.1 | 10 |
| 185 | Prolonged norovirus infections correlate to quasispecies evolution resulting in structural changes of surface-exposed epitopes. <i>IScience</i> , 2021 , 24, 102802 | 6.1 | 0 |
| 184 | Local tissue development of type 1 innate lymphoid cells: guided by interferon-gamma. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 287 | 21 | 1 |
| 183 | Isolation and Electron Microscopic Analysis of Liver Cancer Cell Mitochondria. <i>Methods in Molecular Biology</i> , 2021 , 2277, 277-287 | 1.4 | 1 |
| 182 | A novel tissue inhibitor of metalloproteinases-1/liver/cachexia score predicts prognosis of gastrointestinal cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 378-392 | 10.3 | 3 |
| 181 | Mucosal-Associated Invariant T (MAIT) Cells Are Highly Activated and Functionally Impaired in COVID-19 Patients. <i>Viruses</i> , 2021 , 13, | 6.2 | 12 |

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|-----|--|------|-----|
| 180 | TIMP1 expression underlies sex disparity in liver metastasis and survival in pancreatic cancer. <i>Journal of Experimental Medicine</i> , 2021 , 218, | 16.6 | 4 |
| 179 | Identification of invariant chain CD74 as a functional receptor of tissue inhibitor of metalloproteinases-1 (TIMP-1). <i>Journal of Biological Chemistry</i> , 2021 , 297, 101072 | 5.4 | 2 |
| 178 | Mitochondrial Impairment by MitoBloCK-6 Inhibits Liver Cancer Cell Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 725474 | 5.7 | 1 |
| 177 | Heterologous prime-boost vaccination with ChAdOx1 nCoV-19 and BNT162b2. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 1212-1213 | 25.5 | 39 |
| 176 | Isolation and Purification of Mitochondria from Cell Culture for Proteomic Analyses. <i>Methods in Molecular Biology</i> , 2021 , 2261, 411-419 | 1.4 | 1 |
| 175 | Non-alcoholic fatty liver disease: the interplay between metabolism, microbes and immunity.. <i>Nature Metabolism</i> , 2021 , 3, 1596-1607 | 14.6 | 8 |
| 174 | Inhibition of LTB ₄ signalling activates WNT-induced regeneration in lung. <i>Nature</i> , 2020 , 588, 151-156 | 50.4 | 26 |
| 173 | Reduced mitochondrial resilience enables non-canonical induction of apoptosis after TNF receptor signaling in virus-infected hepatocytes. <i>Journal of Hepatology</i> , 2020 , 73, 1347-1359 | 13.4 | 6 |
| 172 | A dual role for hepatocyte-intrinsic canonical NF- κ B signaling in virus control. <i>Journal of Hepatology</i> , 2020 , 72, 960-975 | 13.4 | 9 |
| 171 | Knockdown of Virus Antigen Expression Increases Therapeutic Vaccine Efficacy in High-Titer Hepatitis B Virus Carrier Mice. <i>Gastroenterology</i> , 2020 , 158, 1762-1775.e9 | 13.3 | 37 |
| 170 | Pioglitazone-Mediated Peroxisome Proliferator-Activated Receptor α Activation Aggravates Murine Immune-Mediated Hepatitis. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 2 |
| 169 | The CGRP receptor component RAMP1 links sensory innervation with YAP activity in the regenerating liver. <i>FASEB Journal</i> , 2020 , 34, 8125-8138 | 0.9 | 4 |
| 168 | Regulatory myeloid cells paralyze T cells through cell-cell transfer of the metabolite methylglyoxal. <i>Nature Immunology</i> , 2020 , 21, 555-566 | 19.1 | 79 |
| 167 | Cytokine-inducible promoters to drive dynamic transgene expression: The "Smart Graft" strategy. <i>Xenotransplantation</i> , 2020 , 27, e12634 | 2.8 | 3 |
| 166 | Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. <i>Cancer Cell</i> , 2019 , 36, 250-267.e9 | 24.3 | 16 |
| 165 | Single organelle analysis to characterize mitochondrial function and crosstalk during viral infection. <i>Scientific Reports</i> , 2019 , 9, 8492 | 4.9 | 7 |
| 164 | Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019 , 25, 641-655 | 50.5 | 123 |
| 163 | Synergy of therapeutic heterologous prime-boost hepatitis B vaccination with CpG-application to improve immune control of persistent HBV infection. <i>Scientific Reports</i> , 2019 , 9, 10808 | 4.9 | 13 |

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|-----|---|------|-----|
| 162 | TOX reinforces the phenotype and longevity of exhausted T cells in chronic viral infection. <i>Nature</i> , 2019 , 571, 265-269 | 50.4 | 312 |
| 161 | Sodium chloride is an ionic checkpoint for human T2 cells and shapes the atopic skin microenvironment. <i>Science Translational Medicine</i> , 2019 , 11, | 17.5 | 31 |
| 160 | Rescue of T-cell function during persistent pulmonary adenoviral infection by Toll-like receptor 9 activation. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 416-419.e10 | 11.5 | 0 |
| 159 | Outcome of Antiviral Immunity in the Liver Is Shaped by the Level of Antigen Expressed in Infected Hepatocytes. <i>Hepatology</i> , 2018 , 68, 2089-2105 | 11.2 | 5 |
| 158 | Tumor Necrosis Factor-Mediated Survival of CD169 Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. <i>Journal of Virology</i> , 2018 , 92, | 6.6 | 9 |
| 157 | Perforin inhibition protects from lethal endothelial damage during fulminant viral hepatitis. <i>Nature Communications</i> , 2018 , 9, 4805 | 17.4 | 11 |
| 156 | The PDL1-inducible GTPase Arl4d controls T effector function by limiting IL-2 production. <i>Scientific Reports</i> , 2018 , 8, 16123 | 4.9 | 7 |
| 155 | Myeloid-derived suppressor cells control B cell accumulation in the central nervous system during autoimmunity. <i>Nature Immunology</i> , 2018 , 19, 1341-1351 | 19.1 | 45 |
| 154 | Quantitative and integrative analysis of paracrine hepatocyte activation by nonparenchymal cells upon lipopolysaccharide induction. <i>FEBS Journal</i> , 2017 , 284, 796-813 | 5.7 | 1 |
| 153 | Targeted antigen delivery to dendritic cells elicits robust antiviral T cell-mediated immunity in the liver. <i>Scientific Reports</i> , 2017 , 7, 43985 | 4.9 | 9 |
| 152 | Checkpoint Inhibition in Head and Neck Cancer: Immune Therapeutic Options, Limitations, and Beyond. <i>Orl</i> , 2017 , 79, 24-33 | 2 | 4 |
| 151 | Spatiotemporally restricted arenavirus replication induces immune surveillance and type I interferon-dependent tumour regression. <i>Nature Communications</i> , 2017 , 8, 14447 | 17.4 | 12 |
| 150 | Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. <i>Gut</i> , 2017 , 66, 507-518 | 19.2 | 44 |
| 149 | TCF1 hepatitis C virus-specific CD8 T cells are maintained after cessation of chronic antigen stimulation. <i>Nature Communications</i> , 2017 , 8, 15050 | 17.4 | 121 |
| 148 | Targeting myeloid derived suppressor cells with all-trans retinoic acid is highly time-dependent in therapeutic tumor vaccination. <i>Onc Immunology</i> , 2017 , 6, e1338995 | 7.2 | 16 |
| 147 | Kupffer Cell-Derived Tnf Triggers Cholangiocellular Tumorigenesis through JNK due to Chronic Mitochondrial Dysfunction and ROS. <i>Cancer Cell</i> , 2017 , 31, 771-789.e6 | 24.3 | 98 |
| 146 | Liver macrophages in healthy and diseased liver. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 553-560 | 4.6 | 21 |
| 145 | Liver sinusoidal endothelial cell cross-priming is supported by CD4 T cell-derived IL-2. <i>Journal of Hepatology</i> , 2017 , 66, 978-986 | 13.4 | 11 |

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|-----|--|------|-----|
| 144 | Prolonged IKK β inhibition improves ongoing CTL antitumor responses by incapacitating regulatory T cells. <i>Cell Reports</i> , 2017 , 21, 578-586 | 10.6 | 15 |
| 143 | Hitting the right button: MAVS-mediated defense against HAV infection. <i>Cell Research</i> , 2017 , 27, 7-8 | 24.7 | 2 |
| 142 | Liver X receptor activation promotes differentiation of regulatory T cells. <i>PLoS ONE</i> , 2017 , 12, e0184985 | 3.7 | 30 |
| 141 | Primary tumor-associated expression of CXCR4 predicts formation of local and systemic recurrency in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2017 , 8, 112739-112747 | 3.3 | 7 |
| 140 | Aging-associated TNF production primes inflammasome activation and NLRP3-related metabolic disturbances. <i>Journal of Immunology</i> , 2016 , 197, 2900-8 | 5.3 | 78 |
| 139 | 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. <i>Gastroenterology</i> , 2016 , 151, 1011-1024.e7 | 13.3 | 65 |
| 138 | Transcriptome-based profiling of yolk sac-derived macrophages reveals a role for Irf8 in macrophage maturation. <i>EMBO Journal</i> , 2016 , 35, 1730-44 | 13 | 78 |
| 137 | An NLRP3-specific inflammasome inhibitor attenuates crystal-induced kidney fibrosis in mice. <i>Kidney International</i> , 2016 , 90, 525-39 | 9.9 | 112 |
| 136 | A monoclonal antibody raised against bacterially expressed MPV17 sequences shows peroxisomal, endosomal and lysosomal localisation in U2OS cells. <i>BMC Research Notes</i> , 2016 , 9, 128 | 2.3 | 3 |
| 135 | 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. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 273-82 | 7.4 | 30 |
| 134 | Staying local-antigen presentation in the liver. <i>Current Opinion in Immunology</i> , 2016 , 40, 36-42 | 7.8 | 20 |
| 133 | Tumor-necrosis factor impairs CD4(+) T cell-mediated immunological control in chronic viral infection. <i>Nature Immunology</i> , 2016 , 17, 593-603 | 19.1 | 52 |
| 132 | Antigen delivery via hydrophilic PEG-b-PAGE-b-PLGA nanoparticles boosts vaccination induced T cell immunity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 102, 20-31 | 5.7 | 36 |
| 131 | Serum Amyloid A induces inflammation, proliferation and cell death in activated hepatic stellate cells. <i>PLoS ONE</i> , 2016 , 11, e0150893 | 3.7 | 39 |
| 130 | The role of liver sinusoidal cells in local hepatic immune surveillance. <i>Clinical and Translational Immunology</i> , 2016 , 5, e117 | 6.8 | 28 |
| 129 | Immunological functions of liver sinusoidal endothelial cells. <i>Cellular and Molecular Immunology</i> , 2016 , 13, 347-53 | 15.4 | 93 |
| 128 | Mannose receptor induces T-cell tolerance via inhibition of CD45 and up-regulation of CTLA-4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10649-54 | 11.5 | 33 |
| 127 | Mitochondria as immune sensors of viral infection in hepatocytes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016 , 1857, e105-e106 | 4.6 | |

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|-----|---|------|-----|
| 126 | Systemic Ablation of MMP-9 Triggers Invasive Growth and Metastasis of Pancreatic Cancer via Deregulation of IL6 Expression in the Bone Marrow. <i>Molecular Cancer Research</i> , 2016 , 14, 1147-1158 | 6.6 | 32 |
| 125 | The role of hepatic immune regulation in systemic immunity to viral infection. <i>Medical Microbiology and Immunology</i> , 2015 , 204, 21-7 | 4 | 20 |
| 124 | Global transcriptional characterization of CD8+ T cell memory. <i>Seminars in Immunology</i> , 2015 , 27, 4-9 | 10.7 | 9 |
| 123 | Functional classification of memory CD8(+) T cells by CX3CR1 expression. <i>Nature Communications</i> , 2015 , 6, 8306 | 17.4 | 142 |
| 122 | B7-H1 Selectively Controls TH17 Differentiation and Central Nervous System Autoimmunity via a Novel Non-PD-1-Mediated Pathway. <i>Journal of Immunology</i> , 2015 , 195, 3584-95 | 5.3 | 9 |
| 121 | Splenic red pulp macrophages are intrinsically superparamagnetic and contaminate magnetic cell isolates. <i>Scientific Reports</i> , 2015 , 5, 12940 | 4.9 | 29 |
| 120 | TIMP-1 signaling via CD63 triggers granulopoiesis and neutrophilia in mice. <i>Haematologica</i> , 2015 , 100, 1005-13 | 6.6 | 29 |
| 119 | IAP antagonization promotes inflammatory destruction of vascular endothelium. <i>EMBO Reports</i> , 2015 , 16, 719-27 | 6.5 | 12 |
| 118 | Differential induction of Ly6G and Ly6C positive myeloid derived suppressor cells in chronic kidney and liver inflammation and fibrosis. <i>PLoS ONE</i> , 2015 , 10, e0119662 | 3.7 | 34 |
| 117 | Tissue inhibitor of metalloproteinases (TIMP)-1 creates a premetastatic niche in the liver through SDF-1/CXCR4-dependent neutrophil recruitment in mice. <i>Hepatology</i> , 2015 , 61, 238-48 | 11.2 | 115 |
| 116 | Towards an HBV cure: state-of-the-art and unresolved questions--report of the ANRS workshop on HBV cure. <i>Gut</i> , 2015 , 64, 1314-26 | 19.2 | 198 |
| 115 | Crosstalk between sentinel and helper macrophages permits neutrophil migration into infected uroepithelium. <i>Cell</i> , 2014 , 156, 456-68 | 56.2 | 147 |
| 114 | High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. <i>Nature Immunology</i> , 2014 , 15, 152-60 | 19.1 | 254 |
| 113 | Scaling of immune responses against intracellular bacterial infection. <i>EMBO Journal</i> , 2014 , 33, 2283-94 | 13 | 29 |
| 112 | Metabolic activation of intrahepatic CD8+ T cells and NKT cells causes nonalcoholic steatohepatitis and liver cancer via cross-talk with hepatocytes. <i>Cancer Cell</i> , 2014 , 26, 549-64 | 24.3 | 359 |
| 111 | Angiotensin-II type 1 receptor-mediated Janus kinase 2 activation induces liver fibrosis. <i>Hepatology</i> , 2014 , 60, 334-48 | 11.2 | 84 |
| 110 | Hepatic immune regulation and its involvement in viral hepatitis infection. <i>Gastroenterology</i> , 2014 , 146, 1193-207 | 13.3 | 147 |
| 109 | Transfer of MHC-class-I molecules among liver sinusoidal cells facilitates hepatic immune surveillance. <i>Journal of Hepatology</i> , 2014 , 61, 600-8 | 13.4 | 18 |

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| 108 | Liver sinusoidal endothelial cell-mediated CD8 T cell priming depends on co-inhibitory signal integration over time. <i>PLoS ONE</i> , 2014 , 9, e99574 | 3.7 | 5 |
| 107 | IL-6 trans-signaling-dependent rapid development of cytotoxic CD8+ T cell function. <i>Cell Reports</i> , 2014 , 8, 1318-27 | 10.6 | 64 |
| 106 | The IDO1-induced kynurenines play a major role in the antimicrobial effect of human myeloid cells against <i>Listeria monocytogenes</i> . <i>Innate Immunity</i> , 2014 , 20, 401-11 | 2.7 | 30 |
| 105 | The Liver as a Lymphoid Organ 2014 , 55-64 | | 1 |
| 104 | Innate Immunity and Disorders of the Liver 2014 , 65-77 | | |
| 103 | Antiproliferative effects of selective adenosine receptor agonists and antagonists on human lymphocytes: evidence for receptor-independent mechanisms. <i>Purinergic Signalling</i> , 2013 , 9, 351-65 | 3.8 | 29 |
| 102 | Activated human hepatic stellate cells induce myeloid derived suppressor cells from peripheral blood monocytes in a CD44-dependent fashion. <i>Journal of Hepatology</i> , 2013 , 59, 528-35 | 13.4 | 97 |
| 101 | Inactivated Orf virus (<i>Parapoxvirus ovis</i>) elicits antifibrotic activity in models of liver fibrosis. <i>Hepatology Research</i> , 2013 , 43, 535-46 | 5.1 | 9 |
| 100 | Liver-primed memory T cells generated under noninflammatory conditions provide anti-infectious immunity. <i>Cell Reports</i> , 2013 , 3, 779-95 | 10.6 | 57 |
| 99 | Intrahepatic myeloid-cell aggregates enable local proliferation of CD8(+) T cells and successful immunotherapy against chronic viral liver infection. <i>Nature Immunology</i> , 2013 , 14, 574-83 | 19.1 | 164 |
| 98 | T cells expressing a chimeric antigen receptor that binds hepatitis B virus envelope proteins control virus replication in mice. <i>Gastroenterology</i> , 2013 , 145, 456-65 | 13.3 | 155 |
| 97 | 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. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013 , 139, 2097-110 | 4.9 | 12 |
| 96 | Batf3-dependent dendritic cells in the renal lymph node induce tolerance against circulating antigens. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 543-9 | 12.7 | 29 |
| 95 | Exclusive CX3CR1 dependence of kidney DCs impacts glomerulonephritis progression. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4242-54 | 15.9 | 73 |
| 94 | Inactivated ORF virus shows antifibrotic activity and inhibits human hepatitis B virus (HBV) and hepatitis C virus (HCV) replication in preclinical models. <i>PLoS ONE</i> , 2013 , 8, e74605 | 3.7 | 12 |
| 93 | Toll-like receptor 2-mediated innate immune response in human nonparenchymal liver cells toward adeno-associated viral vectors. <i>Hepatology</i> , 2012 , 55, 287-97 | 11.2 | 100 |
| 92 | Regulatory T cells use programmed death 1 ligands to directly suppress autoreactive B cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10468-73 | 11.5 | 86 |
| 91 | Liver sinusoidal endothelial cells contribute to CD8 T cell tolerance toward circulating carcinoembryonic antigen in mice. <i>Hepatology</i> , 2012 , 56, 1924-33 | 11.2 | 41 |

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|----|--|------|-----|
| 90 | TNF-induced target cell killing by CTL activated through cross-presentation. <i>Cell Reports</i> , 2012 , 2, 478-87 | 10.6 | 53 |
| 89 | NLRP3 inflammasome activity is negatively controlled by miR-223. <i>Journal of Immunology</i> , 2012 , 189, 4175-81 | 5.3 | 312 |
| 88 | Licensing of myeloid cells promotes central nervous system autoimmunity and is controlled by peroxisome proliferator-activated receptor α . <i>Brain</i> , 2012 , 135, 1586-605 | 11.2 | 42 |
| 87 | RIG-I detects infection with live <i>Listeria</i> by sensing secreted bacterial nucleic acids. <i>EMBO Journal</i> , 2012 , 31, 4153-64 | 13 | 132 |
| 86 | Foxp3+ regulatory T cells protect the liver from immune damage and compromise virus control during acute experimental hepatitis B virus infection in mice. <i>Hepatology</i> , 2012 , 56, 873-83 | 11.2 | 91 |
| 85 | CC chemokine receptor 4 is required for experimental autoimmune encephalomyelitis by regulating GM-CSF and IL-23 production in dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3897-902 | 11.5 | 56 |
| 84 | Transfer of HBV genomes using low doses of adenovirus vectors leads to persistent infection in immune competent mice. <i>Gastroenterology</i> , 2012 , 142, 1447-50.e3 | 13.3 | 63 |
| 83 | Regulatory role of periodontal ligament fibroblasts for innate immune cell function and differentiation. <i>Innate Immunity</i> , 2012 , 18, 745-52 | 2.7 | 42 |
| 82 | Lack of PPAR α in myeloid cells confers resistance to <i>Listeria monocytogenes</i> infection. <i>PLoS ONE</i> , 2012 , 7, e37349 | 3.7 | 21 |
| 81 | Living in the liver: hepatic infections. <i>Nature Reviews Immunology</i> , 2012 , 12, 201-13 | 36.5 | 367 |
| 80 | Liver and Immune System 2012 , 129-141 | | |
| 79 | The endocannabinoid N-arachidonoyl dopamine (NADA) selectively induces oxidative stress-mediated cell death in hepatic stellate cells but not in hepatocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, G873-87 | 5.1 | 25 |
| 78 | Expression of type I interferon by splenic macrophages suppresses adaptive immunity during sepsis. <i>EMBO Journal</i> , 2012 , 31, 201-13 | 13 | 31 |
| 77 | KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas. <i>Brain</i> , 2012 , 135, 1027-41 | 11.2 | 37 |
| 76 | In vivo expansion of naive CD4+ CD25(high) FOXP3+ regulatory T cells in patients with colorectal carcinoma after IL-2 administration. <i>PLoS ONE</i> , 2012 , 7, e30422 | 3.7 | 17 |
| 75 | The Liver as an Immune-Privileged Site 2012 , 93-106 | | 4 |
| 74 | Repression of the genome organizer SATB1 in regulatory T cells is required for suppressive function and inhibition of effector differentiation. <i>Nature Immunology</i> , 2011 , 12, 898-907 | 19.1 | 145 |
| 73 | Transgenic overexpression of Tcfap2c/AP-2gamma results in liver failure and intestinal dysplasia. <i>PLoS ONE</i> , 2011 , 6, e22034 | 3.7 | 10 |

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|----|---|------|-----|
| 72 | Micro-RNA profiling reveals a role for miR-29 in human and murine liver fibrosis. <i>Hepatology</i> , 2011 , 53, 209-18 | 11.2 | 611 |
| 71 | Murine hepatic stellate cells veto CD8 T cell activation by a CD54-dependent mechanism. <i>Hepatology</i> , 2011 , 54, 262-72 | 11.2 | 60 |
| 70 | Prominent regulatory but weak antigen-presenting cell function of hepatic stellate cells. <i>Hepatology</i> , 2011 , 54, 1108 | 11.2 | 7 |
| 69 | Mechanisms balancing tolerance and immunity in the liver. <i>Digestive Diseases</i> , 2011 , 29, 384-90 | 3.2 | 50 |
| 68 | Kidney Dendritic Cells Become Pathogenic during Crescentic Glomerulonephritis with Proteinuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 306-16 | 12.7 | 65 |
| 67 | Comparative approach to define increased regulatory T cells in different cancer subtypes by combined assessment of CD127 and FOXP3. <i>Clinical and Developmental Immunology</i> , 2011 , 2011, 734036 | | 28 |
| 66 | Kidney dendritic cells induce innate immunity against bacterial pyelonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 1435-41 | 12.7 | 56 |
| 65 | Inactivated orf virus (Parapoxvirus ovis) induces antitumoral activity in transplantable tumor models. <i>Anticancer Research</i> , 2011 , 31, 4185-90 | 2.3 | 7 |
| 64 | Alternative cross-priming through CCL17-CCR4-mediated attraction of CTLs toward NKT cell-licensed DCs. <i>Nature Immunology</i> , 2010 , 11, 313-20 | 19.1 | 164 |
| 63 | T helper type 1 memory cells disseminate postoperative ileus over the entire intestinal tract. <i>Nature Medicine</i> , 2010 , 16, 1407-13 | 50.5 | 76 |
| 62 | Fluorescence-activated cell sorting for aptamer SELEX with cell mixtures. <i>Nature Protocols</i> , 2010 , 5, 1993-2004 | 18.0 | 168 |
| 61 | Cross-priming in health and disease. <i>Nature Reviews Immunology</i> , 2010 , 10, 403-14 | 36.5 | 316 |
| 60 | Antigen-presenting cell function in the tolerogenic liver environment. <i>Nature Reviews Immunology</i> , 2010 , 10, 753-66 | 36.5 | 524 |
| 59 | Steady-state cross-presentation of OVA is mannose receptor-dependent but inhibitable by collagen fragments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, E48-9; author reply E50-1 | 11.5 | 28 |
| 58 | Four-and-a-half LIM domain protein 2 is a novel regulator of sphingosine 1-phosphate receptor 1 in CCL19-induced dendritic cell migration. <i>Journal of Immunology</i> , 2010 , 185, 1466-75 | 5.3 | 33 |
| 57 | Dynamic regulation of CD8 T cell tolerance induction by liver sinusoidal endothelial cells. <i>Journal of Immunology</i> , 2010 , 184, 4107-14 | 5.3 | 90 |
| 56 | Virally infected mouse liver endothelial cells trigger CD8+ T-cell immunity. <i>Gastroenterology</i> , 2010 , 138, 336-46 | 13.3 | 57 |
| 55 | Bioluminescence imaging allows measuring CD8 T cell function in the liver. <i>Hepatology</i> , 2010 , 51, 1430-7 | 11.2 | 35 |

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|----|---|------|-----|
| 54 | The nuclear receptor PPAR gamma selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2079-89 | 16.6 | 240 |
| 53 | The nuclear receptor PPAR β selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. <i>Journal of Experimental Medicine</i> , 2009 , 206, 3159-3159 | 16.6 | 4 |
| 52 | Increased antigen cross-presentation but impaired cross-priming after activation of peroxisome proliferator-activated receptor gamma is mediated by up-regulation of B7H1. <i>Journal of Immunology</i> , 2009 , 183, 129-36 | 5.3 | 31 |
| 51 | Autochthonous liver tumors induce systemic T cell tolerance associated with T cell receptor down-modulation. <i>Hepatology</i> , 2009 , 49, 471-81 | 11.2 | 11 |
| 50 | Systemic antigen cross-presented by liver sinusoidal endothelial cells induces liver-specific CD8 T-cell retention and tolerization. <i>Hepatology</i> , 2009 , 49, 1664-72 | 11.2 | 70 |
| 49 | Distinct kinetics and dynamics of cross-presentation in liver sinusoidal endothelial cells compared to dendritic cells. <i>Hepatology</i> , 2009 , 50, 909-19 | 11.2 | 61 |
| 48 | Adenosine regulates CD8 T-cell priming by inhibition of membrane-proximal T-cell receptor signalling. <i>Immunology</i> , 2009 , 128, e728-37 | 7.8 | 63 |
| 47 | Hepatic sinusoidal cells in health and disease: update from the 14th International Symposium. <i>Liver International</i> , 2009 , 29, 490-501 | 7.9 | 57 |
| 46 | Immune functions of liver sinusoidal endothelial cells. <i>FASEB Journal</i> , 2009 , 23, 66.3 | 0.9 | |
| 45 | Transfer of T cell surface molecules to dendritic cells upon CD4+ T cell priming involves two distinct mechanisms. <i>Journal of Immunology</i> , 2008 , 181, 3965-73 | 5.3 | 26 |
| 44 | Tolerogenic maturation of liver sinusoidal endothelial cells promotes B7-homolog 1-dependent CD8+ T cell tolerance. <i>Hepatology</i> , 2008 , 47, 296-305 | 11.2 | 204 |
| 43 | Murine CD146 is widely expressed on endothelial cells and is recognized by the monoclonal antibody ME-9F1. <i>Histochemistry and Cell Biology</i> , 2008 , 129, 441-51 | 2.4 | 56 |
| 42 | Liver sinusoidal endothelial cells veto CD8 T cell activation by antigen-presenting dendritic cells. <i>European Journal of Immunology</i> , 2008 , 38, 957-67 | 6.1 | 90 |
| 41 | B7-H1 restricts neuroantigen-specific T cell responses and confines inflammatory CNS damage: implications for the lesion pathogenesis of multiple sclerosis. <i>European Journal of Immunology</i> , 2008 , 38, 1734-44 | 6.1 | 60 |
| 40 | Enrichment of cell-targeting and population-specific aptamers by fluorescence-activated cell sorting. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5190-3 | 16.4 | 146 |
| 39 | The liver as immune escape site for pathogens 2008 , 341-360 | | |
| 38 | STAT5 is an ambivalent regulator of neutrophil homeostasis. <i>PLoS ONE</i> , 2007 , 2, e727 | 3.7 | 17 |
| 37 | Brain endothelial PPARgamma controls inflammation-induced CD4+ T cell adhesion and transmigration in vitro. <i>Journal of Neuroimmunology</i> , 2007 , 190, 34-43 | 3.5 | 25 |

| | | | |
|----|---|------|-----|
| 36 | Peroxisome proliferator-activated receptor gamma control of dendritic cell function contributes to development of CD4+ T cell anergy. <i>Journal of Immunology</i> , 2007 , 178, 2122-31 | 5.3 | 99 |
| 35 | Role and Function of Liver Sinusoidal Endothelial Cells 2007 , 25-39 | | 4 |
| 34 | Distinct pathways of antigen uptake and intracellular routing in CD4 and CD8 T cell activation. <i>Science</i> , 2007 , 316, 612-6 | 33.3 | 494 |
| 33 | Immunomodulation by inactivated Orf virus (ORFV) - therapeutic potential 2007 , 297-310 | | 3 |
| 32 | Immediate antigen-specific effector functions by TCR-transgenic CD8+ NKT cells. <i>European Journal of Immunology</i> , 2006 , 36, 570-82 | 6.1 | 14 |
| 31 | Systemic application of CpG-rich DNA suppresses adaptive T cell immunity via induction of IDO. <i>European Journal of Immunology</i> , 2006 , 36, 12-20 | 6.1 | 143 |
| 30 | Cross-presentation of antigens from apoptotic tumor cells by liver sinusoidal endothelial cells leads to tumor-specific CD8+ T cell tolerance. <i>European Journal of Immunology</i> , 2006 , 36, 2960-70 | 6.1 | 63 |
| 29 | Induction of murine liver damage by overexpression of CD40 ligand provides an experimental model to study fulminant hepatic failure. <i>Hepatology</i> , 2006 , 44, 430-9 | 11.2 | 16 |
| 28 | Molecular fingerprinting and autocrine growth regulation of endothelial cells in a murine model of hepatocellular carcinoma. <i>Cancer Research</i> , 2006 , 66, 198-211 | 10.1 | 77 |
| 27 | Cognate interaction between endothelial cells and T cells. <i>Results and Problems in Cell Differentiation</i> , 2006 , 43, 151-73 | 1.4 | 10 |
| 26 | In vivo peripheral expansion of naive CD4+CD25 ^{high} FoxP3 ⁺ regulatory T cells in patients with multiple myeloma. <i>Blood</i> , 2006 , 107, 3940-9 | 2.2 | 243 |
| 25 | Antigen Entry Routes □Where Foreign Invaders Meet Antigen Presenting Cells 2006 , 25-50 | | |
| 24 | Rapid and preferential distribution of blood-borne alphaCD3epsilonAb to the liver is followed by local stimulation of T cells and natural killer T cells. <i>Immunology</i> , 2006 , 117, 117-26 | 7.8 | 4 |
| 23 | The Liver and the Immune System 2006 , 149-163 | | 1 |
| 22 | Development and functional consequences of LPS tolerance in sinusoidal endothelial cells of the liver. <i>Journal of Leukocyte Biology</i> , 2005 , 77, 626-33 | 6.5 | 118 |
| 21 | Reduced frequencies and suppressive function of CD4+CD25 ^{hi} regulatory T cells in patients with chronic lymphocytic leukemia after therapy with fludarabine. <i>Blood</i> , 2005 , 106, 2018-25 | 2.2 | 414 |
| 20 | Cross-presentation of oral antigens by liver sinusoidal endothelial cells leads to CD8 T cell tolerance. <i>European Journal of Immunology</i> , 2005 , 35, 2970-81 | 6.1 | 121 |
| 19 | Evaluation of the role of the endocytic receptor L-SIGN for cytoadhesion of Plasmodium falciparum-infected erythrocytes. <i>Parasitology Research</i> , 2005 , 96, 247-52 | 2.4 | 2 |

| | | | |
|----|--|------|-----|
| 18 | Direct activation of human endothelial cells by Plasmodium falciparum-infected erythrocytes. <i>Infection and Immunity</i> , 2005 , 73, 3271-7 | 3.7 | 47 |
| 17 | Proinflammatory stimulation and pioglitazone treatment regulate peroxisome proliferator-activated receptor gamma levels in peripheral blood mononuclear cells from healthy controls and multiple sclerosis patients. <i>Journal of Immunology</i> , 2005 , 175, 4948-55 | 5.3 | 94 |
| 16 | Inactivated parapoxvirus ovis (Orf virus) has antiviral activity against hepatitis B virus and herpes simplex virus. <i>Journal of General Virology</i> , 2003 , 84, 1843-1852 | 4.9 | 41 |
| 15 | Control of immune responses by scavenger liver endothelial cells. <i>Swiss Medical Weekly</i> , 2003 , 133, 501-63.1 | 6.1 | 40 |
| 14 | Immunomodulatory effects of the liver: deletion of activated CD4+ effector cells and suppression of IFN-gamma-producing cells after intravenous protein immunization. <i>Journal of Immunology</i> , 2002 , 169, 2407-13 | 5.3 | 87 |
| 13 | CpG-ODN-induced inflammation is sufficient to cause T-cell-mediated autoaggression against hepatocytes. <i>European Journal of Immunology</i> , 2002 , 32, 3628-37 | 6.1 | 53 |
| 12 | Immortalized bone-marrow derived pig endothelial cells. <i>Xenotransplantation</i> , 2001 , 8, 48-61 | 2.8 | 53 |
| 11 | Endothelial cell-mediated uptake of a hepatitis B virus: a new concept of liver targeting of hepatotropic microorganisms. <i>Hepatology</i> , 2001 , 34, 803-8 | 11.2 | 96 |
| 10 | 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. <i>Journal of Experimental Medicine</i> , 2001 , 193, 671-8 | 16.6 | 300 |
| 9 | Neighborhood politics: the immunoregulatory function of organ-resident liver endothelial cells. <i>Trends in Immunology</i> , 2001 , 22, 432-7 | 14.4 | 139 |
| 8 | Local control of the immune response in the liver. <i>Immunological Reviews</i> , 2000 , 174, 21-34 | 11.3 | 483 |
| 7 | Efficient presentation of exogenous antigen by liver endothelial cells to CD8+ T cells results in antigen-specific T-cell tolerance. <i>Nature Medicine</i> , 2000 , 6, 1348-54 | 50.5 | 589 |
| 6 | Liver sinusoidal endothelial cells are not permissive for adenovirus type 5. <i>Human Gene Therapy</i> , 2000 , 11, 481-6 | 4.8 | 29 |
| 5 | Interleukin-10 expression is autoregulated at the transcriptional level in human and murine Kupffer cells. <i>Hepatology</i> , 1998 , 27, 93-9 | 11.2 | 71 |
| 4 | MHC class II genes influence the susceptibility to chronic active hepatitis C. <i>Journal of Hepatology</i> , 1997 , 27, 259-64 | 13.4 | 74 |
| 3 | Normal interleukin-12 production in individuals with antibodies to Helicobacter pylori. <i>Apmis</i> , 1997 , 105, 824-30 | 3.4 | 4 |
| 2 | Tolerance towards resident intestinal flora in mice is abrogated in experimental colitis and restored by treatment with interleukin-10 or antibodies to interleukin-12. <i>European Journal of Immunology</i> , 1996 , 26, 934-8 | 6.1 | 319 |
| 1 | Complete congenital heart block in autoimmune hepatitis (SLA-positive). <i>Journal of Hepatology</i> , 1994 , 21, 224-6 | 13.4 | 10 |

