

# Benjamin KrÄömer

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,630  
citations

218677

26  
h-index

214800

47  
g-index

51  
all docs

51  
docs citations

51  
times ranked

7843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	28.9	1,162
2	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375
3	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	8.2	193
4	Early IFN- $\gamma$ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	14.3	145
5	NK cells from HCV-infected patients effectively induce apoptosis of activated primary human hepatic stellate cells in a TRAIL-, FasL- and NKG2D-dependent manner. <i>Laboratory Investigation</i> , 2012, 92, 967-977.	3.7	132
6	Natural killer p46 <sup>High</sup> expression defines a natural killer cell subset that is potentially involved in control of hepatitis C virus replication and modulation of liver fibrosis. <i>Hepatology</i> , 2012, 56, 1201-1213.	7.3	122
7	The PNPLA3 rs738409 148M/M Genotype Is a Risk Factor for Liver Cancer in Alcoholic Cirrhosis but Shows No or Weak Association in Hepatitis C Cirrhosis. <i>PLoS ONE</i> , 2011, 6, e27087.	2.5	108
8	Angiotensin-II type 1 receptor-mediated Janus kinase 2 activation induces liver fibrosis. <i>Hepatology</i> , 2014, 60, 334-348.	7.3	107
9	Role of regulatory T cells and checkpoint inhibition in hepatocellular carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 2055-2066.	4.2	94
10	Compartment-specific distribution of human intestinal innate lymphoid cells is altered in HIV patients under effective therapy. <i>PLoS Pathogens</i> , 2017, 13, e1006373.	4.7	85
11	Intrahepatic IL-8 producing Foxp3+CD4+ regulatory T cells and fibrogenesis in chronic hepatitis C. <i>Journal of Hepatology</i> , 2013, 59, 229-235.	3.7	75
12	The toll-like receptor 2 (TLR2) $\Delta$ 196 to $\Delta$ 174 del/ins polymorphism affects viral loads and susceptibility to hepatocellular carcinoma in chronic hepatitis C. <i>International Journal of Cancer</i> , 2012, 130, 1470-1475.	5.1	71
13	Impaired CD4+ T cell stimulation of NK cell anti-fibrotic activity may contribute to accelerated liver fibrosis progression in HIV/HCV patients. <i>Journal of Hepatology</i> , 2013, 59, 427-433.	3.7	68
14	The HLA-ER/HLA-ER Genotype Affects the Natural Course of Hepatitis C Virus (HCV) Infection and Is Associated with HLA-E Restricted Recognition of an HCV-Derived Peptide by Interferon- $\gamma$ Secreting Human CD8+ T Cells. <i>Journal of Infectious Diseases</i> , 2009, 200, 1397-1401.	4.0	62
15	Regulatory CD4+ T cells modulate the interaction between NK cells and hepatic stellate cells by acting on either cell type. <i>Journal of Hepatology</i> , 2015, 62, 398-404.	3.7	58
16	Hepatic and HSC-specific sorafenib effects in rats with established secondary biliary cirrhosis. <i>Laboratory Investigation</i> , 2011, 91, 241-251.	3.7	50
17	Antibiotic resistance in healthcare-related and nosocomial spontaneous bacterial peritonitis. <i>European Journal of Clinical Investigation</i> , 2017, 47, 44-52.	3.4	50
18	An effective interferon-gamma-mediated inhibition of hepatitis C virus replication by natural killer cells is associated with spontaneous clearance of acute hepatitis C in human immunodeficiency virus-positive patients. <i>Hepatology</i> , 2014, 59, 814-827.	7.3	49

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19	Effects of HCV co-infection on apoptosis of CD4+ T-cells in HIV-positive patients. <i>Clinical Science</i> , 2009, 116, 861-870.	4.3	44
20	Hepatitis C virus core protein induces fibrogenic actions of hepatic stellate cells via toll-like receptor 2. <i>Laboratory Investigation</i> , 2011, 91, 1375-1382.	3.7	40
21	The CXCR3(+)CD56Bright Phenotype Characterizes a Distinct NK Cell Subset with Anti-Fibrotic Potential That Shows Dys-Regulated Activity in Hepatitis C. <i>PLoS ONE</i> , 2012, 7, e38846.	2.5	38
22	A common polymorphism in the NCAN gene is associated with hepatocellular carcinoma in alcoholic liver disease. <i>Journal of Hepatology</i> , 2014, 61, 1073-1079.	3.7	35
23	The ratio of calprotectin to total protein as a diagnostic and prognostic marker for spontaneous bacterial peritonitis in patients with liver cirrhosis and ascites. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 2031-9.	2.3	35
24	Role of the NK Cell-Activating Receptor CRACC in Periodontitis. <i>Infection and Immunity</i> , 2013, 81, 690-696.	2.2	32
25	Activation of Invariant NK T Cells in Periodontitis Lesions. <i>Journal of Immunology</i> , 2013, 190, 2282-2291.	0.8	30
26	Regulation of NK cell trafficking by CD81. <i>European Journal of Immunology</i> , 2009, 39, 3447-3458.	2.9	24
27	TRAIL receptor I (DR4) polymorphisms C626G and A683C are associated with an increased risk for hepatocellular carcinoma (HCC) in HCV-infected patients. <i>BMC Cancer</i> , 2012, 12, 85.	2.6	20
28	Hepatitis C coinfection enhances sensitization of CD4+ T-cells towards Fas-induced apoptosis in viraemic and HAART-controlled HIV-1-positive patients. <i>Antiviral Therapy</i> , 2011, 16, 1047-1055.	1.0	19
29	Do $\gamma$ -IFNs IL28A and IL28B act on human natural killer cells?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E519-20; author reply E521-2.	7.1	19
30	Influence of the CXCL1 rs4074 A Allele on Alcohol Induced Cirrhosis and HCC in Patients of European Descent. <i>PLoS ONE</i> , 2013, 8, e80848.	2.5	18
31	The CXCL1 rs4074 A allele is associated with enhanced CXCL1 responses to TLR2 ligands and predisposes to cirrhosis in HCV genotype 1-infected Caucasian patients. <i>Journal of Hepatology</i> , 2012, 56, 758-764.	3.7	17
32	Natural Killer Cell-Mediated Antibody-Dependent Cellular Cytotoxicity Against SARS-CoV-2 After Natural Infection Is More Potent Than After Vaccination. <i>Journal of Infectious Diseases</i> , 2022, 225, 1688-1693.	4.0	17
33	CD3(+)CD56(+) Natural Killer-Like T Cells Display Anti-HCV Activity but Are Functionally Impaired in HIV(+) Patients With Acute Hepatitis C. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 70, 338-346.	2.1	15
34	Alterations of the NK cell pool in HIV/HCV co-infection. <i>PLoS ONE</i> , 2017, 12, e0174465.	2.5	13
35	Variation in IFNL4 genotype and response to interferon-based therapy of hepatitis C in HIV-positive patients with acute and chronic hepatitis C. <i>Aids</i> , 2013, 27, 2817-2819.	2.2	12
36	Hypoxia impairs anti-viral activity of natural killer (NK) cells but has little effect on anti-fibrotic NK cell functions in hepatitis C virus infection. <i>Journal of Hepatology</i> , 2015, 63, 1334-1344.	3.7	11

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37	A variant in the nuclear dot protein 52kDa gene increases the risk for spontaneous bacterial peritonitis in patients with alcoholic liver cirrhosis. <i>Digestive and Liver Disease</i> , 2016, 48, 62-68.	0.9	11
38	HIV mono-infection is associated with an impaired anti-HCV activity of NK cells. <i>Aids</i> , 2015, 30, 1.	2.2	10
39	CD27(+)CD56Bright natural killer cells may be involved in spontaneous clearance of acute hepatitis C in HIV-positive patients. <i>Aids</i> , 2014, 28, 1879-1884.	2.2	7
40	The PNPLA3 I148M variant promotes lipid-induced hepatocyte secretion of CXC chemokines establishing a tumorigenic milieu. <i>Journal of Molecular Medicine</i> , 2019, 97, 1589-1600.	3.9	7
41	Hepatitis C Virus-Induced Secretion of Inflammatory Chemokines Preferentially Recruits NKG2A+CD8+T Cells. <i>Journal of Infectious Diseases</i> , 2008, 198, 213-217.	4.0	6
42	NK Cells in Ascites From Liver Disease Patients Display a Particular Phenotype and Take Part in Antibacterial Immune Response. <i>Frontiers in Immunology</i> , 2019, 10, 1838.	4.8	6
43	A genetic variant in toll-like receptor 5 is linked to chemokine levels and hepatocellular carcinoma in steatohepatitis. <i>Liver International</i> , 2021, 41, 2139-2148.	3.9	6
44	Mitochondrial Dysfunction Contributes to Impaired Cytokine Production of CD56bright Natural Killer Cells From Human Immunodeficiency Virus-Infected Individuals Under Effective Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2022, 226, 901-906.	4.0	6
45	IL-28B Genetic Variants Determine the Extent of Monocyte-Induced Activation of NK Cells in Hepatitis C. <i>PLoS ONE</i> , 2016, 11, e0162068.	2.5	4
46	VOT4CS. , 2016, , .		4
47	Neither black nor white: do altered intestinal microbiota reflect chronic liver disease severity?. <i>Gut</i> , 2021, 70, gutjnl-2020-321424.	12.1	4
48	[456] NKG2A-POSITIVE CD8+ T CELLS IN CHRONIC HEPATITIS C. <i>Journal of Hepatology</i> , 2007, 46, S173-S174.	3.7	0