Luc Jw Van Der Laan

List of Publications by Citations

184 papers	11,897 citations	43 h-index	107 g-index
202 ext. papers	14,162 ext. citations	7.2 avg, IF	5.55 L-index

#	Paper	IF	Citations
184	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
183	Long-term culture of genome-stable bipotent stem cells from adult human liver. *Cell*, **2015**, 160, 299-312	56.2	830
182	Human primary liver cancer-derived organoid cultures for disease modeling and drug screening. *Nature Medicine*, **2017**, 23, 1424-1435	50.5	530
181	Tissue-specific mutation accumulation in human adult stem cells during life. *Nature*, **2016**, 538, 260-264	50.4	523
180	Regulatory T cells contribute to the impaired immune response in patients with chronic hepatitis B virus infection. *Hepatology*, **2005**, 41, 771-8	11.2	404
179	Exosome-mediated transmission of hepatitis C virus between human hepatoma Huh7.5 cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13109-13	11.5	330
178	Infection by porcine endogenous retrovirus after islet xenotransplantation in SCID mice. *Nature*, **2000**, 407, 90-4	50.4	329
177	Macrophage phagocytosis of myelin in vitro determined by flow cytometry: phagocytosis is mediated by CR3 and induces production of tumor necrosis factor-alpha and nitric oxide. *Journal of Neuroimmunology*, **1996**, 70, 145-52	3.5	150
176	Hepatocyte-derived microRNAs as serum biomarkers of hepatic injury and rejection after liver transplantation. *Liver Transplantation*, **2012**, 18, 290-7	4.5	148
175	CD66 nonspecific cross-reacting antigens are involved in neutrophil adherence to cytokine-activated endothelial cells. *Journal of Cell Biology*, **1992**, 118, 457-66	7.3	144
174	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. *Nature Genetics*, **2012**, 44, 1131-6	36.3	139
173	Hepatic cell-to-cell transmission of small silencing RNA can extend the therapeutic reach of RNA interference (RNAi). *Gut*, **2012**, 61, 1330-9	19.2	133
172	Calcineurin inhibitors stimulate and mycophenolic acid inhibits replication of hepatitis E virus. *Gastroenterology*, **2014**, 146, 1775-83	13.3	126
171	The macrophage receptor MARCO. *Microbes and Infection*, **2000**, 2, 313-6	9.3	121
170	Low circulating regulatory T-cell levels after acute rejection in liver transplantation. *Liver Transplantation*, **2006**, 12, 277-84	4.5	119
169	Modeling rotavirus infection and antiviral therapy using primary intestinal organoids. *Antiviral Research*, **2015**, 123, 120-31	10.8	115
168	Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-alpha. *Gastroenterology*, **2006**, 131, 1452-62	13.3	112

167	Simultaneous targeting of HCV replication and viral binding with a single lentiviral vector containing multiple RNA interference expression cassettes. *Molecular Therapy*, **2006**, 14, 485-93	11.7	94
166	Detection of spontaneous tumorigenic transformation during culture expansion of human mesenchymal stromal cells. *Experimental Biology and Medicine*, **2014**, 239, 105-15	3.7	88
165	Secreted factors of human liver-derived mesenchymal stem cells promote liver regeneration early after partial hepatectomy. *Stem Cells and Development*, **2012**, 21, 2410-9	4.4	79
164	Impact of immunosuppressive drugs on CD4+CD25+FOXP3+ regulatory T cells: does in vitro evidence translate to the clinical setting?. *Transplantation*, **2008**, 85, 783-9	1.8	79
163	Polymorphisms near TBX5 and GDF7 are associated with increased risk for Barrett's esophagus. *Gastroenterology*, **2015**, 148, 367-78	13.3	76
162	Macrophage scavenger receptor MARCO: in vitro and in vivo regulation and involvement in the anti-bacterial host defense. *Immunology Letters*, **1997**, 57, 203-8	4.1	75
161	Progression and regression of atherosclerosis in APOE3-Leiden transgenic mice: an immunohistochemical study. *Atherosclerosis*, **1999**, 143, 15-25	3.1	71
160	Mycophenolic acid augments interferon-stimulated gene expression and inhibits hepatitis C Virus infection in vitro and in vivo. *Hepatology*, **2012**, 55, 1673-83	11.2	69
159	Conversion from calcineurin inhibitor to mycophenolate mofetil-based immunosuppression changes the frequency and phenotype of CD4+FOXP3+ regulatory T cells. *Transplantation*, **2009**, 87, 1062-8	1.8	67
158	Experimental models for hepatitis C viral infection. *Hepatology*, **2009**, 50, 1646-55	11.2	64
157	Biomarkers to assess graft quality during conventional and machine preservation in liver transplantation. *Journal of Hepatology*, **2014**, 61, 672-84	13.4	63
156	Sensitive detection of hepatocellular injury in chronic hepatitis C patients with circulating hepatocyte-derived microRNA-122. *Journal of Viral Hepatitis*, **2013**, 20, 158-66	3.4	61
155	Liver grafts contain a unique subset of natural killer cells that are transferred into the recipient after liver transplantation. *Liver Transplantation*, **2010**, 16, 895-908	4.5	61
154	Porcine endogenous retrovirus infects but does not replicate in nonhuman primate primary cells and cell lines. *Journal of Virology*, **2002**, 76, 11312-20	6.6	59
153	Advancement of mesenchymal stem cell therapy in solid organ transplantation (MISOT). *Transplantation*, **2010**, 90, 124-6	1.8	57
152	No evidence for circulating mesenchymal stem cells in patients with organ injury. *Stem Cells and Development*, **2014**, 23, 2328-35	4.4	56
151	Increased incidence of early de novo cancer in liver graft recipients treated with cyclosporine: an association with C2 monitoring and recipient age. *Liver Transplantation*, **2010**, 16, 837-46	4.5	55
150	Prime editing for functional repair in patient-derived disease models. *Nature Communications*, **2020**, 11, 5352	17.4	54

149	The Jak inhibitor CP-690,550 preserves the function of CD4CD25FoxP3 regulatory T cells and inhibits effector T cells. *American Journal of Transplantation*, **2010**, 10, 1785-95	8.7	52
148	Long-Term Adult Feline Liver Organoid Cultures for Disease Modeling of Hepatic Steatosis. *Stem Cell Reports*, **2017**, 8, 822-830	8	49
147	Kupffer cells interact with hepatitis B surface antigen in vivo and in vitro, leading to proinflammatory cytokine production and natural killer cell function. *Journal of Infectious Diseases*, **2015**, 211, 1268-78	7	47
146	Tumor promotion through the mesenchymal stem cell compartment in human hepatocellular carcinoma. *Carcinogenesis*, **2013**, 34, 2330-40	4.6	46
145	NK cells can generate from precursors in the adult human liver. *European Journal of Immunology*, **2011**, 41, 3340-50	6.1	46
144	Intravenous immunoglobulin treatment in humans suppresses dendritic cell function via stimulation of IL-4 and IL-13 production. *Journal of Immunology*, **2014**, 192, 5625-34	5.3	45
143	The effect of rabbit anti-thymocyte globulin induction therapy on regulatory T cells in kidney transplant patients. *Nephrology Dialysis Transplantation*, **2009**, 24, 1635-44	4.3	45
142	MicroRNA profiles in graft preservation solution are predictive of ischemic-type biliary lesions after liver transplantation. *Journal of Hepatology*, **2013**, 59, 1231-8	13.4	44
141	Counter-regulation of rejection activity against human liver grafts by donor PD-L1 and recipient PD-1 interaction. *Journal of Hepatology*, **2016**, 64, 1274-82	13.4	43
140	Decellularization of Whole Human Liver Grafts Using Controlled Perfusion for Transplantable Organ Bioscaffolds. *Stem Cells and Development*, **2017**, 26, 1304-1315	4.4	43
139	Lipid-mediated Wnt protein stabilization enables serum-free culture of human organ stem cells. *Nature Communications*, **2017**, 8, 14578	17.4	42
138	A Chemically Defined Hydrogel for Human Liver Organoid Culture. *Advanced Functional Materials*, **2020**, 30, 2000893	15.6	42
137	RIG-I is a key antiviral interferon-stimulated gene against hepatitis E virus regardless of interferon production. *Hepatology*, **2017**, 65, 1823-1839	11.2	41
136	Mobilization of hepatic mesenchymal stem cells from human liver grafts. *Liver Transplantation*, **2011**, 17, 596-609	4.5	41
135	The role of the mouse macrophage scavenger receptor in myelin phagocytosis. *European Journal of Neuroscience*, **1997**, 9, 2650-7	3.5	41
134	Cross Talk between Nucleotide Synthesis Pathways with Cellular Immunity in Constraining Hepatitis E Virus Replication. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 2834-48	5.9	40
133	Combined antiviral activity of interferon-alpha and RNA interference directed against hepatitis C without affecting vector delivery and gene silencing. *Journal of Molecular Medicine*, **2009**, 87, 713-22	5.5	40
132	Mycophenolic acid potently inhibits rotavirus infection with a high barrier to resistance development. *Antiviral Research*, **2016**, 133, 41-9	10.8	40

131	Impact of steroids on hepatitis C virus replication in vivo and in vitro. *Annals of the New York Academy of Sciences*, **2007**, 1110, 439-47	6.5	39
130	Large-Scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. *Hepatology*, **2020**, 72, 257-270	11.2	39
129	Identification and Validation Model for Informative Liquid Biopsy-Based microRNA Biomarkers: Insights from Germ Cell Tumor In Vitro, In Vivo and Patient-Derived Data. *Cells*, **2019**, 8,	7.9	39
128	IFN regulatory factor 1 restricts hepatitis E virus replication by activating STAT1 to induce antiviral IFN-stimulated genes. *FASEB Journal*, **2016**, 30, 3352-3367	0.9	38
127	Allosuppressive donor CD4+CD25+ regulatory T cells detach from the graft and circulate in recipients after liver transplantation. *Journal of Immunology*, **2007**, 178, 6066-72	5.3	37
126	Unphosphorylated ISGF3 drives constitutive expression of interferon-stimulated genes to protect against viral infections. *Science Signaling*, **2017**, 10,	8.8	36
125	A novel animal model to evaluate oxygen derived free radical damage in soft tissue. *Free Radical Research*, **1997**, 26, 363-72	4	36
124	Induction of macrophage scavenger receptor MARCO in nonalcoholic steatohepatitis indicates possible involvement of endotoxin in its pathogenic process. *International Journal of Experimental Pathology*, **2004**, 85, 335-43	2.8	36
123	Convergent Transcription of Interferon-stimulated Genes by TNF-□and IFN-□Augments Antiviral Activity against HCV and HEV. *Scientific Reports*, **2016**, 6, 25482	4.9	35
122	Culture expansion induces non-tumorigenic aneuploidy in adipose tissue-derived mesenchymal stromal cells. *Cytotherapy*, **2013**, 15, 1352-61	4.8	33
121	Human plasmacytoid dendritic cells induce CD8+ LAG-3+ Foxp3+ CTLA-4+ regulatory T cells that suppress allo-reactive memory T cells. *European Journal of Immunology*, **2011**, 41, 1663-74	6.1	33
120	Cellulose Nanofibril Hydrogel Promotes Hepatic Differentiation of Human Liver Organoids. *Advanced Healthcare Materials*, **2020**, 9, e1901658	10.1	32
119	IL-21 Receptor Antagonist Inhibits Differentiation of B Cells toward Plasmablasts upon Alloantigen Stimulation. *Frontiers in Immunology*, **2017**, 8, 306	8.4	31
118	T Follicular Helper Cells As a New Target for Immunosuppressive Therapies. *Frontiers in Immunology* , **2017**, 8, 1510	8.4	30
117	Mitochondrial Fusion Via OPA1 and MFN1 Supports Liver Tumor Cell Metabolism and Growth. *Cells*, **2020**, 9,	7.9	30
116	Cancer-Associated Fibroblasts Provide a Stromal Niche for Liver Cancer Organoids That Confers Trophic Effects and Therapy Resistance. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 11, 407-431	7.9	30
115	JAK-inhibitor tofacitinib suppresses interferon alfa production by plasmacytoid dendritic cells and inhibits arthrogenic and antiviral effects of interferon alfa. *Translational Research*, **2017**, 188, 67-79	11	29
114	Decrease of CD4+CD25+ T cells in peripheral blood after liver transplantation: association with immunosuppression. *Transplantation Proceedings*, **2005**, 37, 1194-6	1.1	29

113	Extracellular matrix proteins expressed by human adult astrocytes in vivo and in vitro: an astrocyte surface protein containing the CS1 domain contributes to binding of lymphoblasts. *Journal of Neuroscience Research*, **1997**, 50, 539-48	4.4	28
112	Dexamethasone transforms lipopolysaccharide-stimulated human blood myeloid dendritic cells into myeloid dendritic cells that prime interleukin-10 production in T cells. *Immunology*, **2008**, 125, 91-100	7.8	28
111	Beneficial effect of modified peptide inhibitor of alpha4 integrins on experimental allergic encephalomyelitis in Lewis rats. *Journal of Neuroscience Research*, **2002**, 67, 191-9	4.4	28
110	Fast, robust and effective decellularization of whole human livers using mild detergents and pressure controlled perfusion. *Materials Science and Engineering C*, **2020**, 108, 110200	8.3	28
109	Dynamics of Proliferative and Quiescent Stem Cells in Liver Homeostasis and Injury. *Gastroenterology*, **2017**, 153, 1133-1147	13.3	27
108	The ins and outs of microRNAs as biomarkers in liver disease and transplantation. *Transplant International*, **2014**, 27, 1222-32	3	26
107	AAV-mediated gene therapy for liver diseases: the prime candidate for clinical application?. *Expert Opinion on Biological Therapy*, **2011**, 11, 315-27	5.4	26
106	From organoids to organs: Bioengineering liver grafts from hepatic stem cells and matrix. *Baillieres Best Practice and Research in Clinical Gastroenterology*, **2017**, 31, 151-159	2.5	25
105	Disturbance of the microRNA pathway by commonly used lentiviral shRNA libraries limits the application for screening host factors involved in hepatitis C virus infection. *FEBS Letters*, **2011**, 585, 1025-30	3.8	24
104	The release of microRNA-122 during liver preservation is associated with early allograft dysfunction and graft survival after transplantation. *Liver Transplantation*, **2017**, 23, 946-956	4.5	23
103	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. *Scientific Reports*, **2019**, 9, 5984	4.9	23
102	A dynamic perspective of RNAi library development. *Trends in Biotechnology*, **2012**, 30, 206-15	15.1	23
101	Intrahepatic detection of FOXP3 gene expression after liver transplantation using minimally invasive aspiration biopsy. *Transplantation*, **2007**, 83, 819-23	1.8	23
100	Distinct Antiviral Potency of Sofosbuvir Against Hepatitis C and E Viruses. *Gastroenterology*, **2016**, 151, 1251-1253	13.3	22
99	Flow cytometry of fine-needle-aspiration biopsies: a new method to monitor the intrahepatic immunological environment in chronic viral hepatitis. *Journal of Viral Hepatitis*, **2005**, 12, 507-12	3.4	22
98	New therapeutic opportunities for hepatitis C based on small RNA. *World Journal of Gastroenterology*, **2007**, 13, 4431-6	5.6	22
97	Hepatocyte-derived microRNAs as sensitive serum biomarkers of hepatocellular injury in Labrador retrievers. *Veterinary Journal*, **2016**, 211, 75-81	2.5	20
96	Growth factors G-CSF and GM-CSF differentially preserve chemotaxis of neutrophils aging in vitro. *Experimental Hematology*, **2007**, 35, 541-50	3.1	20

95	Calcineurin inhibitor tacrolimus does not interfere with the suppression of hepatitis C virus infection by interferon-alpha. *Liver Transplantation*, **2010**, 16, 520-6	4.5	19
94	Role of macrophage scavenger receptors in hepatic granuloma formation in mice. *American Journal of Pathology*, **1999**, 154, 705-20	5.8	19
93	Modeling liver cancer and therapy responsiveness using organoids derived from primary mouse liver tumors. *Carcinogenesis*, **2019**, 40, 145-154	4.6	18
92	Necroptotic Cell Death in Liver Transplantation and Underlying Diseases: Mechanisms and Clinical Perspective. *Liver Transplantation*, **2019**, 25, 1091-1104	4.5	17
91	Recreating Tumour Complexity in a Dish: Organoid Models to Study Liver Cancer Cells and their Extracellular Environment. *Cancers*, **2019**, 11,	6.6	17
90	Expression, localization and polymorphisms of the nuclear receptor PXR in Barrett's esophagus and esophageal adenocarcinoma. *BMC Gastroenterology*, **2011**, 11, 108	3	17
89	Functional analysis of CD4+ CD25bright T cells in kidney transplant patients: improving suppression of donor-directed responses after transplantation. *Clinical Transplantation*, **2008**, 22, 579-86	3.8	17
88	Experimental models to unravel the molecular pathogenesis, cell of origin and stem cell properties of cholangiocarcinoma. *Liver International*, **2019**, 39 Suppl 1, 79-97	7.9	16
87	Use of Serum MicroRNAs as Biomarker for Hepatobiliary Diseases in Dogs. *Journal of Veterinary Internal Medicine*, **2016**, 30, 1816-1823	3.1	16
86	The calcineurin inhibitor tacrolimus allows the induction of functional CD4CD25 regulatory T cells by rabbit anti-thymocyte globulins. *Clinical and Experimental Immunology*, **2010**, 161, 364-77	6.2	16
85	Prospects of RNAi and microRNA-based therapies for hepatitis C. *Expert Opinion on Biological Therapy*, **2009**, 9, 713-24	5.4	16
84	Characterization of rabbit antithymocyte globulins-induced CD25+ regulatory T cells from cells of patients with end-stage renal disease. *Transplantation*, **2010**, 89, 655-66	1.8	16
83	LGR5 marks targetable tumor-initiating cells in mouse liver cancer. *Nature Communications*, **2020**, 11, 1961	17.4	16
82	Human graft-derived mesenchymal stromal cells potently suppress alloreactive T-cell responses. *Stem Cells and Development*, **2015**, 24, 1436-47	4.4	15
81	NADH videofluorimetry to monitor the energy state of skeletal muscle in vivo. *Journal of Surgical Research*, **1998**, 74, 155-60	2.5	15
80	Human extrahepatic and intrahepatic cholangiocyte organoids show region-specific differentiation potential and model cystic fibrosis-related bile duct disease. *Scientific Reports*, **2020**, 10, 21900	4.9	15
79	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. *Stem Cells and Development*, **2016**, 25, 139-50	4.4	15
78	Cross-Species Molecular Imaging of Bile Salts and Lipids in Liver: Identification of Molecular Structural Markers in Health and Disease. *Analytical Chemistry*, **2018**, 90, 11835-11846	7.8	15

77	Migration of allosensitizing donor myeloid dendritic cells into recipients after liver transplantation. *Liver Transplantation*, **2010**, 16, 12-22	4.5	14
76	Polarized release of hepatic microRNAs into bile and serum in response to cellular injury and impaired liver function. *Liver International*, **2016**, 36, 883-92	7.9	14
75	Cell-free MicroRNA miR-505-3p in Graft Preservation Fluid Is an Independent Predictor of Delayed Graft Function After Kidney Transplantation. *Transplantation*, **2019**, 103, 329-335	1.8	14
74	Donor-specific anti-HLA antibodies are not associated with nonanastomotic biliary strictures but both are independent risk factors for graft loss after liver transplantation. *Clinical Transplantation*, **2018**, 32, e13163	3.8	14
73	Volumetric Bioprinting of Organoids and Optically Tuned Hydrogels to Build Liver-Like Metabolic Biofactories.. *Advanced Materials*, **2022**, e2110054	24	14
72	Virus-drug interactions--molecular insight into immunosuppression and HCV. *Nature Reviews Gastroenterology and Hepatology*, **2012**, 9, 355-62	24.2	13
71	Differential expression of the nuclear receptors farnesoid X receptor (FXR) and pregnane X receptor (PXR) for grading dysplasia in patients with Barrett's oesophagus. *Histopathology*, **2011**, 58, 246-53	7.3	13
70	Inhibition of Calcineurin or IMP Dehydrogenase Exerts Moderate to Potent Antiviral Activity against Norovirus Replication. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	12
69	Differential Sensitivities of Fast- and Slow-Cycling Cancer Cells to Inosine Monophosphate Dehydrogenase 2 Inhibition by Mycophenolic Acid. *Molecular Medicine*, **2016**, 21, 792-802	6.2	12
68	Long-term live imaging and multiscale analysis identify heterogeneity and core principles of epithelial organoid morphogenesis. *BMC Biology*, **2021**, 19, 37	7.3	12
67	Inflammatory genes in rat livers from cardiac- and brain death donors. *Journal of Surgical Research*, **2015**, 198, 217-27	2.5	11
66	Flowcytometric quantitation of hepatitis B viral antigens in hepatocytes from regular and fine-needle biopsies. *Journal of Virological Methods*, **2007**, 142, 189-97	2.6	11
65	Scaffolds obtained from decellularized human extrahepatic bile ducts support organoids to establish functional biliary tissue in a dish. *Biotechnology and Bioengineering*, **2021**, 118, 836-851	4.9	11
64	Vitamin D Receptor Polymorphisms Are Associated with Reduced Esophageal Vitamin D Receptor Expression and Reduced Esophageal Adenocarcinoma Risk. *Molecular Medicine*, **2015**, 21, 346-54	6.2	10
63	Relationship between the histological appearance of the portal vein and development of ischemic-type biliary lesions after liver transplantation. *Liver Transplantation*, **2013**, 19, 1088-98	4.5	10
62	First Report on Ex Vivo Delivery of Paracrine Active Human Mesenchymal Stromal Cells to Liver Grafts During Machine Perfusion. *Transplantation*, **2020**, 104, e5-e7	1.8	10
61	Cytomegalovirus-Induced Expression of CD244 after Liver Transplantation Is Associated with CD8+ T Cell Hyporesponsiveness to Alloantigen. *Journal of Immunology*, **2015**, 195, 1838-48	5.3	9
60	Cell-free microRNAs as early predictors of graft viability during ex vivo normothermic machine perfusion of human donor livers. *Clinical Transplantation*, **2020**, 34, e13790	3.8	9

59	Ribavirin enhances interferon-stimulated gene transcription by activation of the interferon-stimulated response element. *Hepatology*, **2011**, 53, 1400-1; author reply 1402	11.2	9
58	Hydroxyethyl starch-based preservation solutions enhance gene therapy vector delivery under hypothermic conditions. *Liver Transplantation*, **2008**, 14, 1708-17	4.5	9
57	Ultra-thin fluorocarbon foils optimise multiscale imaging of three-dimensional native and optically cleared specimens. *Scientific Reports*, **2019**, 9, 17292	4.9	9
56	Canine hepacivirus and idiopathic hepatitis in dogs from a Dutch cohort. *Journal of Viral Hepatitis*, **2014**, 21, 894-6	3.4	8
55	Donor and recipient HLA/KIR genotypes do not predict liver transplantation outcome. *Transplant International*, **2011**, 24, 932-42	3	8
54	Differential effects of anti-rat CD11b monoclonal antibodies on granulocyte adhesiveness. *Immunology*, **1999**, 96, 83-9	7.8	8
53	Rotavirus Infection and Cytopathogenesis in Human Biliary Organoids Potentially Recapitulate Biliary Atresia Development. *MBio*, **2020**, 11,	7.8	8
52	Mesenchymal Stromal Cell-Derived Factors Promote Tissue Repair in a Small-for-Size Ischemic Liver Model but Do Not Protect against Early Effects of Ischemia and Reperfusion Injury. *Journal of Immunology Research*, **2015**, 2015, 202975	4.5	7
51	Genetic variance in ABCB1 and CYP3A5 does not contribute toward the development of chronic kidney disease after liver transplantation. *Pharmacogenetics and Genomics*, **2014**, 24, 427-35	1.9	7
50	Support of hepatic regeneration by trophic factors from liver-derived mesenchymal stromal/stem cells. *Methods in Molecular Biology*, **2014**, 1213, 89-104	1.4	7
49	Human Bile Contains Cholangiocyte Organoid-Initiating Cells Which Expand as Functional Cholangiocytes in Non-canonical Wnt Stimulating Conditions. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 630492	5.7	7
48	Protocol for the STRONG trial: stereotactic body radiation therapy following chemotherapy for unresectable perihilar cholangiocarcinoma, a phase I feasibility study. *BMJ Open*, **2018**, 8, e020731	3	7
47	Antiviral or proviral action of mycophenolic acid in hepatitis B infection?. *Hepatology*, **2012**, 56, 1586-7	11.2	6
46	Detailed kinetics of the direct allo-response in human liver transplant recipients: new insights from an optimized assay. *PLoS ONE*, **2010**, 5, e14452	3.7	6
45	Improving Accuracy of Urinary miRNA Quantification in Heparinized Patients Using Heparinase I Digestion. *Journal of Molecular Diagnostics*, **2016**, 18, 825-833	5.1	6
44	The Effects of an IL-21 Receptor Antagonist on the Alloimmune Response in a Humanized Mouse Skin Transplant Model. *Transplantation*, **2019**, 103, 2065-2074	1.8	6
43	Application of human liver organoids as a patient-derived primary model for HBV infection and related hepatocellular carcinoma. *ELife*, **2021**, 10,	8.9	6
42	Bioprinting of Human Liver-Derived Epithelial Organoids for Toxicity Studies. *Macromolecular Bioscience*, **2021**, 21, e2100327	5.5	6

41	Gene therapies for hepatitis C virus. *Advances in Experimental Medicine and Biology*, **2015**, 848, 1-29	3.6	5
40	Tumor microRNA-126 controls cell viability and associates with poor survival in patients with esophageal adenocarcinoma. *Experimental Biology and Medicine*, **2019**, 244, 1210-1219	3.7	5
39	Hepatitis virus hijacks shuttle: exosome-like vesicles provide protection against neutralizing antibodies. *Hepatology*, **2014**, 59, 2416-8	11.2	5
38	The biological process of lysine-tRNA charging is therapeutically targetable in liver cancer. *Liver International*, **2021**, 41, 206-219	7.9	5
37	The emergence of regenerative medicine in organ transplantation: 1st European Cell Therapy and Organ Regeneration Section meeting. *Transplant International*, **2020**, 33, 833-840	3	4
36	Evidence of B-cell follicles with germinal centers in chronic hepatitis C patients. *European Journal of Immunology*, **2015**, 45, 1570-1	6.1	4
35	Prednisolone does not affect direct-acting antivirals against hepatitis C, but inhibits interferon-alpha production by plasmacytoid dendritic cells. *Transplant Infectious Disease*, **2015**, 17, 707-13	2.7	4
34	Human liver organoids; a patient-derived primary model for HBV Infection and Related Hepatocellular Carcinoma		4
33	Overestimation of hematopoietic stem cell frequencies in human liver grafts. *Hepatology*, **2013**, 57, 2547-9	11.2	3
32	MicroRNAs in bile vesicles: finding a trade-off for biomarker discovery. *Hepatology*, **2015**, 61, 1094-5	11.2	3
31	Prominent HLA-G Expression in Liver Disease But Not After Liver Transplantation. *Transplantation*, **2015**, 99, 2514-22	1.8	3
30	Recapitulating hepatitis E virus-host interactions and facilitating antiviral drug discovery in human liver-derived organoids.. *Science Advances*, **2022**, 8, eabj5908	14.3	3
29	Prime editing for functional repair in patient-derived disease models		3
28	Action and Function of Vitamin D in Digestive Tract Physiology and Pathology. *Current Medicinal Chemistry*, **2017**, 24, 928-936	4.3	2
27	Production of multicopy shRNA lentiviral vectors for antiviral therapy. *Methods in Molecular Biology* , **2011**, 721, 313-32	1.4	2
26	Organoid Technology Starts to Deliver: Repairing Damaged Liver Grafts During Normothermic Machine Perfusion. *Transplantation*, **2021**, 105, 1886-1887	1.8	2
25	Evaluation of RNA isolation methods for microRNA quantification in a range of clinical biofluids. *BMC Biotechnology*, **2021**, 21, 48	3.5	2
24	Hydrogels derived from decellularized liver tissue support the growth and differentiation of cholangiocyte organoids.. *Biomaterials*, **2022**, 284, 121473	15.6	2

23	A proof of concept study on real-time LiMAx CYP1A2 liver function assessment of donor grafts during normothermic machine perfusion. *Scientific Reports*, **2021**, 11, 23444	4.9	2
22	Cholangiocyte organoids from human bile retain a local phenotype and can repopulate bile ducts in vitro.. *Clinical and Translational Medicine*, **2021**, 11, e566	5.7	2
21	Reply to "Detection and Analysis of Circulating Epithelial Cells in Liquid Biopsies from Patients with Liver Disease": Implications for Transplant Chimerism. *Gastroenterology*, **2019**, 156, 1932-1933	13.3	1
20	Rotterdam: main port for organ transplantation research in the Netherlands. *Transplant Immunology*, **2014**, 31, 200-6	1.7	1
19	New targets for treatment against HCV infection. *Baillieres Best Practice and Research in Clinical Gastroenterology*, **2012**, 26, 505-15	2.5	1
18	No association between tumor necrosis factor-alpha production and gene polymorphisms among inbred rat strains. *Transplant Immunology*, **2005**, 14, 77-82	1.7	1
17	A comparison of free radical-induced vascular and skeletal muscle damage in immunocompetent and neutropenic rats. *Journal of Surgical Research*, **1999**, 82, 346-52	2.5	1
16	The potential and limitations of intrahepatic cholangiocyte organoids to study inborn errors of metabolism. *Journal of Inherited Metabolic Disease*, **2021**,	5.4	1
15	Long-Term Perfusion of the Liver Outside the Body: Warming Up for Ex Vivo Therapies?. *Hepatology* , **2020**, 72, 1485-1487	11.2	1
14	From fatty hepatocytes to impaired bile flow: Matching model systems for liver biology and disease. *Biochemical Pharmacology*, **2020**, 180, 114173	6	1
13	Impact of hypoxia and AMPK on CFTR-mediated bicarbonate secretion in human cholangiocyte organoids. *American Journal of Physiology - Renal Physiology*, **2021**, 320, G741-G752	5.1	1
12	Tissue-Resident Memory T Cells of Donor Origin are Short-Lived in Renal Allografts after Transplantation. *Transplantation*, **2018**, 102, S146	1.8	1
11	Recapitulating lipid accumulation and related metabolic dysregulation in human liver-derived organoids.. *Journal of Molecular Medicine*, **2022**, 100, 471	5.5	0
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