

Luc Jw Van Der Laan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2706767/luc-jw-van-der-laan-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Recapitulating lipid accumulation and related metabolic dysregulation in human liver-derived organoids.. <i>Journal of Molecular Medicine</i> , 2022 , 100, 471	5.5	0
183	Recapitulating hepatitis E virus-host interactions and facilitating antiviral drug discovery in human liver-derived organoids.. <i>Science Advances</i> , 2022 , 8, eabj5908	14.3	3
182	The AuthorsPReply: Organoid Technology: Are Human Cholangiocyte Organoids Immune Protected?. <i>Transplantation</i> , 2022 , 106, e250	1.8	
181	Volumetric Bioprinting of Organoids and Optically Tuned Hydrogels to Build Liver-Like Metabolic Biofactories.. <i>Advanced Materials</i> , 2022 , e2110054	24	14
180	Hydrogels derived from decellularized liver tissue support the growth and differentiation of cholangiocyte organoids.. <i>Biomaterials</i> , 2022 , 284, 121473	15.6	2
179	Human branching cholangiocyte organoids recapitulate functional bile duct formation.. <i>Cell Stem Cell</i> , 2022 , 29, 776-794.e13	18	0
178	Precancerous liver diseases do not cause increased mutagenesis in liver stem cells. <i>Communications Biology</i> , 2021 , 4, 1301	6.7	0
177	The potential and limitations of intrahepatic cholangiocyte organoids to study inborn errors of metabolism. <i>Journal of Inherited Metabolic Disease</i> , 2021 ,	5.4	1
176	Impact of hypoxia and AMPK on CFTR-mediated bicarbonate secretion in human cholangiocyte organoids. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G741-G752	5.1	1
175	HOXA13 in etiology and oncogenic potential of Barrett's esophagus. <i>Nature Communications</i> , 2021 , 12, 3354	17.4	0
174	Bile Duct Repair in Human Liver Grafts: Effective Cholangiocyte Organoid Engraftment and Plasticity. <i>Hepatology</i> , 2021 , 74, 2287-2289	11.2	
173	Letter to the Editor: High Mobility Group Box Protein 1 Release Is an Identified Driver of Inflammation in the Pathogenesis of Biliary Atresia. <i>Hepatology</i> , 2021 , 74, 2920-2921	11.2	0
172	Cancer-Associated Fibroblasts Provide a Stromal Niche for Liver Cancer Organoids That Confers Trophic Effects and Therapy Resistance. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 407-431	7.9	30
171	The biological process of lysine-tRNA charging is therapeutically targetable in liver cancer. <i>Liver International</i> , 2021 , 41, 206-219	7.9	5
170	Scaffolds obtained from decellularized human extrahepatic bile ducts support organoids to establish functional biliary tissue in a dish. <i>Biotechnology and Bioengineering</i> , 2021 , 118, 836-851	4.9	11
169	Long-term live imaging and multiscale analysis identify heterogeneity and core principles of epithelial organoid morphogenesis. <i>BMC Biology</i> , 2021 , 19, 37	7.3	12
168	Application of human liver organoids as a patient-derived primary model for HBV infection and related hepatocellular carcinoma. <i>ELife</i> , 2021 , 10,	8.9	6

167	Organoid Technology Starts to Deliver: Repairing Damaged Liver Grafts During Normothermic Machine Perfusion. <i>Transplantation</i> , 2021 , 105, 1886-1887	1.8	2
166	Evaluation of RNA isolation methods for microRNA quantification in a range of clinical biofluids. <i>BMC Biotechnology</i> , 2021 , 21, 48	3.5	2
165	Bioprinting of Human Liver-Derived Epithelial Organoids for Toxicity Studies. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100327	5.5	6
164	A proof of concept study on real-time LiMAx CYP1A2 liver function assessment of donor grafts during normothermic machine perfusion. <i>Scientific Reports</i> , 2021 , 11, 23444	4.9	2
163	Cholangiocyte organoids from human bile retain a local phenotype and can repopulate bile ducts in vitro.. <i>Clinical and Translational Medicine</i> , 2021 , 11, e566	5.7	2
162	A Chemically Defined Hydrogel for Human Liver Organoid Culture. <i>Advanced Functional Materials</i> , 2020 , 30, 2000893	15.6	42
161	Cellulose Nanofibril Hydrogel Promotes Hepatic Differentiation of Human Liver Organoids. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901658	10.1	32
160	Cell-free microRNAs as early predictors of graft viability during ex vivo normothermic machine perfusion of human donor livers. <i>Clinical Transplantation</i> , 2020 , 34, e13790	3.8	9
159	The emergence of regenerative medicine in organ transplantation: 1st European Cell Therapy and Organ Regeneration Section meeting. <i>Transplant International</i> , 2020 , 33, 833-840	3	4
158	Human extrahepatic and intrahepatic cholangiocyte organoids show region-specific differentiation potential and model cystic fibrosis-related bile duct disease. <i>Scientific Reports</i> , 2020 , 10, 21900	4.9	15
157	Large-Scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , 2020 , 72, 257-270	17.0	39
156	Mitochondrial Fusion Via OPA1 and MFN1 Supports Liver Tumor Cell Metabolism and Growth. <i>Cells</i> , 2020 , 9,	7.9	30
155	First Report on Ex Vivo Delivery of Paracrine Active Human Mesenchymal Stromal Cells to Liver Grafts During Machine Perfusion. <i>Transplantation</i> , 2020 , 104, e5-e7	1.8	10
154	Prime editing for functional repair in patient-derived disease models. <i>Nature Communications</i> , 2020 , 11, 5352	17.4	54
153	Long-Term Perfusion of the Liver Outside the Body: Warming Up for Ex Vivo Therapies?. <i>Hepatology</i> , 2020 , 72, 1485-1487	11.2	1
152	From fatty hepatocytes to impaired bile flow: Matching model systems for liver biology and disease. <i>Biochemical Pharmacology</i> , 2020 , 180, 114173	6	1
151	Rotavirus Infection and Cytopathogenesis in Human Biliary Organoids Potentially Recapitulate Biliary Atresia Development. <i>MBio</i> , 2020 , 11,	7.8	8
150	Fast, robust and effective decellularization of whole human livers using mild detergents and pressure controlled perfusion. <i>Materials Science and Engineering C</i> , 2020 , 108, 110200	8.3	28

149	LGR5 marks targetable tumor-initiating cells in mouse liver cancer. <i>Nature Communications</i> , 2020 , 11, 1961	17.4	16
148	Human Bile Contains Cholangiocyte Organoid-Initiating Cells Which Expand as Functional Cholangiocytes in Non-canonical Wnt Stimulating Conditions. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 630492	5.7	7
147	Necroptotic Cell Death in Liver Transplantation and Underlying Diseases: Mechanisms and Clinical Perspective. <i>Liver Transplantation</i> , 2019 , 25, 1091-1104	4.5	17
146	Experimental models to unravel the molecular pathogenesis, cell of origin and stem cell properties of cholangiocarcinoma. <i>Liver International</i> , 2019 , 39 Suppl 1, 79-97	7.9	16
145	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. <i>Scientific Reports</i> , 2019 , 9, 5984	4.9	23
144	Reply to "Detection and Analysis of Circulating Epithelial Cells in Liquid Biopsies from Patients with Liver Disease": Implications for Transplant Chimerism. <i>Gastroenterology</i> , 2019 , 156, 1932-1933	13.3	1
143	Tumor microRNA-126 controls cell viability and associates with poor survival in patients with esophageal adenocarcinoma. <i>Experimental Biology and Medicine</i> , 2019 , 244, 1210-1219	3.7	5
142	Recreating Tumour Complexity in a Dish: Organoid Models to Study Liver Cancer Cells and their Extracellular Environment. <i>Cancers</i> , 2019 , 11,	6.6	17
141	Ultra-thin fluorocarbon foils optimise multiscale imaging of three-dimensional native and optically cleared specimens. <i>Scientific Reports</i> , 2019 , 9, 17292	4.9	9
140	Identification and Validation Model for Informative Liquid Biopsy-Based microRNA Biomarkers: Insights from Germ Cell Tumor In Vitro, In Vivo and Patient-Derived Data. <i>Cells</i> , 2019 , 8,	7.9	39
139	Cell-free MicroRNA miR-505-3p in Graft Preservation Fluid Is an Independent Predictor of Delayed Graft Function After Kidney Transplantation. <i>Transplantation</i> , 2019 , 103, 329-335	1.8	14
138	The Effects of an IL-21 Receptor Antagonist on the Alloimmune Response in a Humanized Mouse Skin Transplant Model. <i>Transplantation</i> , 2019 , 103, 2065-2074	1.8	6
137	Modeling liver cancer and therapy responsiveness using organoids derived from primary mouse liver tumors. <i>Carcinogenesis</i> , 2019 , 40, 145-154	4.6	18
136	Interaction of immunosuppressants with HCV antivirals daclatasvir and asunaprevir: combined effects with mycophenolic acid. <i>World Journal of Transplantation</i> , 2018 , 8, 156-166	2.3	0
135	Donor-specific anti-HLA antibodies are not associated with nonanastomotic biliary strictures but both are independent risk factors for graft loss after liver transplantation. <i>Clinical Transplantation</i> , 2018 , 32, e13163	3.8	14
134	Tissue-Resident Memory T Cells of Donor Origin are Short-Lived in Renal Allografts after Transplantation. <i>Transplantation</i> , 2018 , 102, S146	1.8	1
133	Protocol for the STRONG trial: stereotactic body radiation therapy following chemotherapy for unresectable perihilar cholangiocarcinoma, a phase I feasibility study. <i>BMJ Open</i> , 2018 , 8, e020731	3	7
132	Cross-Species Molecular Imaging of Bile Salts and Lipids in Liver: Identification of Molecular Structural Markers in Health and Disease. <i>Analytical Chemistry</i> , 2018 , 90, 11835-11846	7.8	15

131	Lipid-mediated Wnt protein stabilization enables serum-free culture of human organ stem cells. <i>Nature Communications</i> , 2017 , 8, 14578	17.4	42
130	RIG-I is a key antiviral interferon-stimulated gene against hepatitis E virus regardless of interferon production. <i>Hepatology</i> , 2017 , 65, 1823-1839	11.2	41
129	From organoids to organs: Bioengineering liver grafts from hepatic stem cells and matrix. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2017 , 31, 151-159	2.5	25
128	Unphosphorylated ISGF3 drives constitutive expression of interferon-stimulated genes to protect against viral infections. <i>Science Signaling</i> , 2017 , 10,	8.8	36
127	The release of microRNA-122 during liver preservation is associated with early allograft dysfunction and graft survival after transplantation. <i>Liver Transplantation</i> , 2017 , 23, 946-956	4.5	23
126	Long-Term Adult Feline Liver Organoid Cultures for Disease Modeling of Hepatic Steatosis. <i>Stem Cell Reports</i> , 2017 , 8, 822-830	8	49
125	JAK-inhibitor tofacitinib suppresses interferon alfa production by plasmacytoid dendritic cells and inhibits arthrogenic and antiviral effects of interferon alfa. <i>Translational Research</i> , 2017 , 188, 67-79	11	29
124	Dynamics of Proliferative and Quiescent Stem Cells in Liver Homeostasis and Injury. <i>Gastroenterology</i> , 2017 , 153, 1133-1147	13.3	27
123	Inhibition of Calcineurin or IMP Dehydrogenase Exerts Moderate to Potent Antiviral Activity against Norovirus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	12
122	Human primary liver cancer-derived organoid cultures for disease modeling and drug screening. <i>Nature Medicine</i> , 2017 , 23, 1424-1435	50.5	530
121	Decellularization of Whole Human Liver Grafts Using Controlled Perfusion for Transplantable Organ Bioscaffolds. <i>Stem Cells and Development</i> , 2017 , 26, 1304-1315	4.4	43
120	IL-21 Receptor Antagonist Inhibits Differentiation of B Cells toward Plasmablasts upon Alloantigen Stimulation. <i>Frontiers in Immunology</i> , 2017 , 8, 306	8.4	31
119	T Follicular Helper Cells As a New Target for Immunosuppressive Therapies. <i>Frontiers in Immunology</i> , 2017 , 8, 1510	8.4	30
118	Action and Function of Vitamin D in Digestive Tract Physiology and Pathology. <i>Current Medicinal Chemistry</i> , 2017 , 24, 928-936	4.3	2
117	Biomarkers to Monitor Graft Function Following Liver Transplantation. <i>Biomarkers in Disease</i> , 2017 , 193-220		
116	Use of Serum MicroRNAs as Biomarker for Hepatobiliary Diseases in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2016 , 30, 1816-1823	3.1	16
115	Distinct Antiviral Potency of Sofosbuvir Against Hepatitis C and E Viruses. <i>Gastroenterology</i> , 2016 , 151, 1251-1253	13.3	22
114	IFN regulatory factor 1 restricts hepatitis E virus replication by activating STAT1 to induce antiviral IFN-stimulated genes. <i>FASEB Journal</i> , 2016 , 30, 3352-3367	0.9	38

113	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
112	Hepatocyte-derived microRNAs as sensitive serum biomarkers of hepatocellular injury in Labrador retrievers. <i>Veterinary Journal</i> , 2016 , 211, 75-81	2.5	20
111	Cross Talk between Nucleotide Synthesis Pathways with Cellular Immunity in Constraining Hepatitis E Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2834-48	5.9	40
110	Counter-regulation of rejection activity against human liver grafts by donor PD-L1 and recipient PD-1 interaction. <i>Journal of Hepatology</i> , 2016 , 64, 1274-82	13.4	43
109	Differential Sensitivities of Fast- and Slow-Cycling Cancer Cells to Inosine Monophosphate Dehydrogenase 2 Inhibition by Mycophenolic Acid. <i>Molecular Medicine</i> , 2016 , 21, 792-802	6.2	12
108	Biomarkers to Monitor Graft Function Following Liver Transplantation. <i>Exposure and Health</i> , 2016 , 1-29	8.8	
107	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. <i>Stem Cells and Development</i> , 2016 , 25, 139-50	4.4	15
106	Polarized release of hepatic microRNAs into bile and serum in response to cellular injury and impaired liver function. <i>Liver International</i> , 2016 , 36, 883-92	7.9	14
105	Convergent Transcription of Interferon-stimulated Genes by TNF- α and IFN- α Augments Antiviral Activity against HCV and HEV. <i>Scientific Reports</i> , 2016 , 6, 25482	4.9	35
104	Tissue-specific mutation accumulation in human adult stem cells during life. <i>Nature</i> , 2016 , 538, 260-264	50.4	523
103	Improving Accuracy of Urinary miRNA Quantification in Heparinized Patients Using Heparinase I Digestion. <i>Journal of Molecular Diagnostics</i> , 2016 , 18, 825-833	5.1	6
102	Mycophenolic acid potently inhibits rotavirus infection with a high barrier to resistance development. <i>Antiviral Research</i> , 2016 , 133, 41-9	10.8	40
101	Gene therapies for hepatitis C virus. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 848, 1-29	3.6	5
100	Inflammatory genes in rat livers from cardiac- and brain death donors. <i>Journal of Surgical Research</i> , 2015 , 198, 217-27	2.5	11
99	Cytomegalovirus-Induced Expression of CD244 after Liver Transplantation Is Associated with CD8+ T Cell Hyporesponsiveness to Alloantigen. <i>Journal of Immunology</i> , 2015 , 195, 1838-48	5.3	9
98	Modeling rotavirus infection and antiviral therapy using primary intestinal organoids. <i>Antiviral Research</i> , 2015 , 123, 120-31	10.8	115
97	Kupffer cells interact with hepatitis B surface antigen in vivo and in vitro, leading to proinflammatory cytokine production and natural killer cell function. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1268-78	7	47
96	MicroRNAs in bile vesicles: finding a trade-off for biomarker discovery. <i>Hepatology</i> , 2015 , 61, 1094-5	11.2	3

95	Evidence of B-cell follicles with germinal centers in chronic hepatitis C patients. <i>European Journal of Immunology</i> , 2015 , 45, 1570-1	6.1	4
94	Prednisolone does not affect direct-acting antivirals against hepatitis C, but inhibits interferon-alpha production by plasmacytoid dendritic cells. <i>Transplant Infectious Disease</i> , 2015 , 17, 707-15	4.7	4
93	Prominent HLA-G Expression in Liver Disease But Not After Liver Transplantation. <i>Transplantation</i> , 2015 , 99, 2514-22	1.8	3
92	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. <i>Journal of Immunology Research</i> , 2015 , 2015, 202975	4.5	7
91	Vitamin D Receptor Polymorphisms Are Associated with Reduced Esophageal Vitamin D Receptor Expression and Reduced Esophageal Adenocarcinoma Risk. <i>Molecular Medicine</i> , 2015 , 21, 346-54	6.2	10
90	Human graft-derived mesenchymal stromal cells potently suppress alloreactive T-cell responses. <i>Stem Cells and Development</i> , 2015 , 24, 1436-47	4.4	15
89	Long-term culture of genome-stable bipotent stem cells from adult human liver. <i>Cell</i> , 2015 , 160, 299-312	6.2	830
88	Polymorphisms near TBX5 and GDF7 are associated with increased risk for Barrett's esophagus. <i>Gastroenterology</i> , 2015 , 148, 367-78	13.3	76
87	Hepatitis virus hijacks shuttle: exosome-like vesicles provide protection against neutralizing antibodies. <i>Hepatology</i> , 2014 , 59, 2416-8	11.2	5
86	Detection of spontaneous tumorigenic transformation during culture expansion of human mesenchymal stromal cells. <i>Experimental Biology and Medicine</i> , 2014 , 239, 105-15	3.7	88
85	No evidence for circulating mesenchymal stem cells in patients with organ injury. <i>Stem Cells and Development</i> , 2014 , 23, 2328-35	4.4	56
84	Calcineurin inhibitors stimulate and mycophenolic acid inhibits replication of hepatitis E virus. <i>Gastroenterology</i> , 2014 , 146, 1775-83	13.3	126
83	Biomarkers to assess graft quality during conventional and machine preservation in liver transplantation. <i>Journal of Hepatology</i> , 2014 , 61, 672-84	13.4	63
82	Canine hepacivirus and idiopathic hepatitis in dogs from a Dutch cohort. <i>Journal of Viral Hepatitis</i> , 2014 , 21, 894-6	3.4	8
81	Rotterdam: main port for organ transplantation research in the Netherlands. <i>Transplant Immunology</i> , 2014 , 31, 200-6	1.7	1
80	Genetic variance in ABCB1 and CYP3A5 does not contribute toward the development of chronic kidney disease after liver transplantation. <i>Pharmacogenetics and Genomics</i> , 2014 , 24, 427-35	1.9	7
79	Intravenous immunoglobulin treatment in humans suppresses dendritic cell function via stimulation of IL-4 and IL-13 production. <i>Journal of Immunology</i> , 2014 , 192, 5625-34	5.3	45
78	The ins and outs of microRNAs as biomarkers in liver disease and transplantation. <i>Transplant International</i> , 2014 , 27, 1222-32	3	26

77	Support of hepatic regeneration by trophic factors from liver-derived mesenchymal stromal/stem cells. <i>Methods in Molecular Biology</i> , 2014 , 1213, 89-104	1.4	7
76	Overestimation of hematopoietic stem cell frequencies in human liver grafts. <i>Hepatology</i> , 2013 , 57, 2547-52	1.9	3
75	Exosome-mediated transmission of hepatitis C virus between human hepatoma Huh7.5 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13109-13	11.5	330
74	MicroRNA profiles in graft preservation solution are predictive of ischemic-type biliary lesions after liver transplantation. <i>Journal of Hepatology</i> , 2013 , 59, 1231-8	13.4	44
73	Culture expansion induces non-tumorigenic aneuploidy in adipose tissue-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2013 , 15, 1352-61	4.8	33
72	Sensitive detection of hepatocellular injury in chronic hepatitis C patients with circulating hepatocyte-derived microRNA-122. <i>Journal of Viral Hepatitis</i> , 2013 , 20, 158-66	3.4	61
71	Relationship between the histological appearance of the portal vein and development of ischemic-type biliary lesions after liver transplantation. <i>Liver Transplantation</i> , 2013 , 19, 1088-98	4.5	10
70	Tumor promotion through the mesenchymal stem cell compartment in human hepatocellular carcinoma. <i>Carcinogenesis</i> , 2013 , 34, 2330-40	4.6	46
69	A dynamic perspective of RNAi library development. <i>Trends in Biotechnology</i> , 2012 , 30, 206-15	15.1	23
68	Hepatocyte-derived microRNAs as serum biomarkers of hepatic injury and rejection after liver transplantation. <i>Liver Transplantation</i> , 2012 , 18, 290-7	4.5	148
67	Hepatic cell-to-cell transmission of small silencing RNA can extend the therapeutic reach of RNA interference (RNAi). <i>Gut</i> , 2012 , 61, 1330-9	19.2	133
66	Antiviral or proviral action of mycophenolic acid in hepatitis B infection?. <i>Hepatology</i> , 2012 , 56, 1586-7	11.2	6
65	New targets for treatment against HCV infection. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2012 , 26, 505-15	2.5	1
64	Secreted factors of human liver-derived mesenchymal stem cells promote liver regeneration early after partial hepatectomy. <i>Stem Cells and Development</i> , 2012 , 21, 2410-9	4.4	79
63	Mycophenolic acid augments interferon-stimulated gene expression and inhibits hepatitis C Virus infection in vitro and in vivo. <i>Hepatology</i> , 2012 , 55, 1673-83	11.2	69
62	Virus-drug interactions--molecular insight into immunosuppression and HCV. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012 , 9, 355-62	24.2	13
61	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. <i>Nature Genetics</i> , 2012 , 44, 1131-6	36.3	139
60	Donor and recipient HLA/KIR genotypes do not predict liver transplantation outcome. <i>Transplant International</i> , 2011 , 24, 932-42	3	8

59	Differential expression of the nuclear receptors farnesoid X receptor (FXR) and pregnane X receptor (PXR) for grading dysplasia in patients with Barrett's oesophagus. <i>Histopathology</i> , 2011 , 58, 246-53	7.3	13
58	Disturbance of the microRNA pathway by commonly used lentiviral shRNA libraries limits the application for screening host factors involved in hepatitis C virus infection. <i>FEBS Letters</i> , 2011 , 585, 1023-30	2.8	24
57	Expression, localization and polymorphisms of the nuclear receptor PXR in Barrett's esophagus and esophageal adenocarcinoma. <i>BMC Gastroenterology</i> , 2011 , 11, 108	3	17
56	Mobilization of hepatic mesenchymal stem cells from human liver grafts. <i>Liver Transplantation</i> , 2011 , 17, 596-609	4.5	41
55	Human plasmacytoid dendritic cells induce CD8+ LAG-3+ Foxp3+ CTLA-4+ regulatory T cells that suppress allo-reactive memory T cells. <i>European Journal of Immunology</i> , 2011 , 41, 1663-74	6.1	33
54	NK cells can generate from precursors in the adult human liver. <i>European Journal of Immunology</i> , 2011 , 41, 3340-50	6.1	46
53	Ribavirin enhances interferon-stimulated gene transcription by activation of the interferon-stimulated response element. <i>Hepatology</i> , 2011 , 53, 1400-1; author reply 1402	11.2	9
52	AAV-mediated gene therapy for liver diseases: the prime candidate for clinical application?. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 315-27	5.4	26
51	Production of multicopy shRNA lentiviral vectors for antiviral therapy. <i>Methods in Molecular Biology</i> , 2011 , 721, 313-32	1.4	2
50	The calcineurin inhibitor tacrolimus allows the induction of functional CD4CD25 regulatory T cells by rabbit anti-thymocyte globulins. <i>Clinical and Experimental Immunology</i> , 2010 , 161, 364-77	6.2	16
49	Detailed kinetics of the direct allo-response in human liver transplant recipients: new insights from an optimized assay. <i>PLoS ONE</i> , 2010 , 5, e14452	3.7	6
48	Advancement of mesenchymal stem cell therapy in solid organ transplantation (MISOT). <i>Transplantation</i> , 2010 , 90, 124-6	1.8	57
47	Characterization of rabbit antithymocyte globulins-induced CD25+ regulatory T cells from cells of patients with end-stage renal disease. <i>Transplantation</i> , 2010 , 89, 655-66	1.8	16
46	The Jak inhibitor CP-690,550 preserves the function of CD4CD25FoxP3 regulatory T cells and inhibits effector T cells. <i>American Journal of Transplantation</i> , 2010 , 10, 1785-95	8.7	52
45	Migration of allosensitizing donor myeloid dendritic cells into recipients after liver transplantation. <i>Liver Transplantation</i> , 2010 , 16, 12-22	4.5	14
44	Calcineurin inhibitor tacrolimus does not interfere with the suppression of hepatitis C virus infection by interferon-alpha. <i>Liver Transplantation</i> , 2010 , 16, 520-6	4.5	19
43	Increased incidence of early de novo cancer in liver graft recipients treated with cyclosporine: an association with C2 monitoring and recipient age. <i>Liver Transplantation</i> , 2010 , 16, 837-46	4.5	55
42	Liver grafts contain a unique subset of natural killer cells that are transferred into the recipient after liver transplantation. <i>Liver Transplantation</i> , 2010 , 16, 895-908	4.5	61

41	The effect of rabbit anti-thymocyte globulin induction therapy on regulatory T cells in kidney transplant patients. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 1635-44	4.3	45
40	Experimental models for hepatitis C viral infection. <i>Hepatology</i> , 2009 , 50, 1646-55	11.2	64
39	Combined antiviral activity of interferon-alpha and RNA interference directed against hepatitis C without affecting vector delivery and gene silencing. <i>Journal of Molecular Medicine</i> , 2009 , 87, 713-22	5.5	40
38	Prospects of RNAi and microRNA-based therapies for hepatitis C. <i>Expert Opinion on Biological Therapy</i> , 2009 , 9, 713-24	5.4	16
37	Conversion from calcineurin inhibitor to mycophenolate mofetil-based immunosuppression changes the frequency and phenotype of CD4+FOXP3+ regulatory T cells. <i>Transplantation</i> , 2009 , 87, 1062-8	1.8	67
36	Functional analysis of CD4+ CD25bright T cells in kidney transplant patients: improving suppression of donor-directed responses after transplantation. <i>Clinical Transplantation</i> , 2008 , 22, 579-86	3.8	17
35	Dexamethasone transforms lipopolysaccharide-stimulated human blood myeloid dendritic cells into myeloid dendritic cells that prime interleukin-10 production in T cells. <i>Immunology</i> , 2008 , 125, 91-100	7.8	28
34	Impact of immunosuppressive drugs on CD4+CD25+FOXP3+ regulatory T cells: does in vitro evidence translate to the clinical setting?. <i>Transplantation</i> , 2008 , 85, 783-9	1.8	79
33	Hydroxyethyl starch-based preservation solutions enhance gene therapy vector delivery under hypothermic conditions. <i>Liver Transplantation</i> , 2008 , 14, 1708-17	4.5	9
32	Growth factors G-CSF and GM-CSF differentially preserve chemotaxis of neutrophils aging in vitro. <i>Experimental Hematology</i> , 2007 , 35, 541-50	3.1	20
31	Flowcytometric quantitation of hepatitis B viral antigens in hepatocytes from regular and fine-needle biopsies. <i>Journal of Virological Methods</i> , 2007 , 142, 189-97	2.6	11
30	Impact of steroids on hepatitis C virus replication in vivo and in vitro. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1110, 439-47	6.5	39
29	Allosuppressive donor CD4+CD25+ regulatory T cells detach from the graft and circulate in recipients after liver transplantation. <i>Journal of Immunology</i> , 2007 , 178, 6066-72	5.3	37
28	Intrahepatic detection of FOXP3 gene expression after liver transplantation using minimally invasive aspiration biopsy. <i>Transplantation</i> , 2007 , 83, 819-23	1.8	23
27	New therapeutic opportunities for hepatitis C based on small RNA. <i>World Journal of Gastroenterology</i> , 2007 , 13, 4431-6	5.6	22
26	Low circulating regulatory T-cell levels after acute rejection in liver transplantation. <i>Liver Transplantation</i> , 2006 , 12, 277-84	4.5	119
25	Simultaneous targeting of HCV replication and viral binding with a single lentiviral vector containing multiple RNA interference expression cassettes. <i>Molecular Therapy</i> , 2006 , 14, 485-93	11.7	94
24	Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-alpha. <i>Gastroenterology</i> , 2006 , 131, 1452-62	13.3	112

23	Decrease of CD4+CD25+ T cells in peripheral blood after liver transplantation: association with immunosuppression. <i>Transplantation Proceedings</i> , 2005 , 37, 1194-6	1.1	29
22	No association between tumor necrosis factor-alpha production and gene polymorphisms among inbred rat strains. <i>Transplant Immunology</i> , 2005 , 14, 77-82	1.7	1
21	Flow cytometry of fine-needle-aspiration biopsies: a new method to monitor the intrahepatic immunological environment in chronic viral hepatitis. <i>Journal of Viral Hepatitis</i> , 2005 , 12, 507-12	3.4	22
20	Regulatory T cells contribute to the impaired immune response in patients with chronic hepatitis B virus infection. <i>Hepatology</i> , 2005 , 41, 771-8	11.2	404
19	Induction of macrophage scavenger receptor MARCO in nonalcoholic steatohepatitis indicates possible involvement of endotoxin in its pathogenic process. <i>International Journal of Experimental Pathology</i> , 2004 , 85, 335-43	2.8	36
18	Beneficial effect of modified peptide inhibitor of alpha4 integrins on experimental allergic encephalomyelitis in Lewis rats. <i>Journal of Neuroscience Research</i> , 2002 , 67, 191-9	4.4	28
17	Porcine endogenous retrovirus infects but does not replicate in nonhuman primate primary cells and cell lines. <i>Journal of Virology</i> , 2002 , 76, 11312-20	6.6	59
16	Cross-species transmission of porcine endogenous retroviruses in xenotransplantation: a PERVerted reality?. <i>Current Opinion in Organ Transplantation</i> , 2001 , 6, 51-58	2.5	
15	Infection by porcine endogenous retrovirus after islet xenotransplantation in SCID mice. <i>Nature</i> , 2000 , 407, 90-4	50.4	329
14	The macrophage receptor MARCO. <i>Microbes and Infection</i> , 2000 , 2, 313-6	9.3	121
13	Differential effects of anti-rat CD11b monoclonal antibodies on granulocyte adhesiveness. <i>Immunology</i> , 1999 , 96, 83-9	7.8	8
12	Progression and regression of atherosclerosis in APOE3-Leiden transgenic mice: an immunohistochemical study. <i>Atherosclerosis</i> , 1999 , 143, 15-25	3.1	71
11	Role of macrophage scavenger receptors in hepatic granuloma formation in mice. <i>American Journal of Pathology</i> , 1999 , 154, 705-20	5.8	19
10	A comparison of free radical-induced vascular and skeletal muscle damage in immunocompetent and neutropenic rats. <i>Journal of Surgical Research</i> , 1999 , 82, 346-52	2.5	1
9	NADH videofluorimetry to monitor the energy state of skeletal muscle in vivo. <i>Journal of Surgical Research</i> , 1998 , 74, 155-60	2.5	15
8	A novel animal model to evaluate oxygen derived free radical damage in soft tissue. <i>Free Radical Research</i> , 1997 , 26, 363-72	4	36
7	The role of the mouse macrophage scavenger receptor in myelin phagocytosis. <i>European Journal of Neuroscience</i> , 1997 , 9, 2650-7	3.5	41
6	Macrophage scavenger receptor MARCO: in vitro and in vivo regulation and involvement in the anti-bacterial host defense. <i>Immunology Letters</i> , 1997 , 57, 203-8	4.1	75

5	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. <i>Journal of Neuroscience Research</i> , 1997 , 50, 539-48	4.4	28
4	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. <i>Journal of Neuroimmunology</i> , 1996 , 70, 145-52	3.5	150
3	CD66 nonspecific cross-reacting antigens are involved in neutrophil adherence to cytokine-activated endothelial cells. <i>Journal of Cell Biology</i> , 1992 , 118, 457-66	7.3	144
2	Prime editing for functional repair in patient-derived disease models		3
1	Human liver organoids; a patient-derived primary model for HBV Infection and Related Hepatocellular Carcinoma		4