

# Luc Jw Van Der Laan

## List of Publications by Year in descending order

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195  
papers

15,938  
citations

31902

53  
h-index

18075

120  
g-index

202  
all docs

202  
docs citations

202  
times ranked

28260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Long-Term Culture of Genome-Stable Bipotent Stem Cells from Adult Human Liver. <i>Cell</i> , 2015, 160, 299-312.	13.5	1,166
3	Human primary liver cancer-derived organoid cultures for disease modeling and drug screening. <i>Nature Medicine</i> , 2017, 23, 1424-1435.	15.2	905
4	Tissue-specific mutation accumulation in human adult stem cells during life. <i>Nature</i> , 2016, 538, 260-264.	13.7	759
5	Regulatory T cells contribute to the impaired immune response in patients with chronic hepatitis B virus infection. <i>Hepatology</i> , 2005, 41, 771-778.	3.6	462
6	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, 13109-13113.	3.3	422
7	Infection by porcine endogenous retrovirus after islet xenotransplantation in SCID mice. <i>Nature</i> , 2000, 407, 90-94.	13.7	374
8	Hepatocyte-derived microRNAs as serum biomarkers of hepatic injury and rejection after liver transplantation. <i>Liver Transplantation</i> , 2012, 18, 290-297.	1.3	177
9	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, 145-152.	1.1	168
10	CD66 nonspecific cross-reacting antigens are involved in neutrophil adherence to cytokine-activated endothelial cells. <i>Journal of Cell Biology</i> , 1992, 118, 457-466.	2.3	165
11	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. <i>Nature Genetics</i> , 2012, 44, 1131-1136.	9.4	162
12	The macrophage receptor MARCO. <i>Microbes and Infection</i> , 2000, 2, 313-316.	1.0	158
13	Calcineurin Inhibitors Stimulate and Mycophenolic Acid Inhibits Replication of Hepatitis E Virus. <i>Gastroenterology</i> , 2014, 146, 1775-1783.	0.6	158
14	Modeling rotavirus infection and antiviral therapy using primary intestinal organoids. <i>Antiviral Research</i> , 2015, 123, 120-131.	1.9	156
15	Hepatic cell-to-cell transmission of small silencing RNA can extend the therapeutic reach of RNA interference (RNAi). <i>Gut</i> , 2012, 61, 1330-1339.	6.1	150
16	Prime editing for functional repair in patient-derived disease models. <i>Nature Communications</i> , 2020, 11, 5352.	5.8	134
17	Low circulating regulatory T-cell levels after acute rejection in liver transplantation. <i>Liver Transplantation</i> , 2006, 12, 277-284.	1.3	131
18	Mycophenolic Acid Inhibits Hepatitis C Virus Replication and Acts in Synergy With Cyclosporin A and Interferon- $\alpha$ . <i>Gastroenterology</i> , 2006, 131, 1452-1462.	0.6	120

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19	Detection of spontaneous tumorigenic transformation during culture expansion of human mesenchymal stromal cells. <i>Experimental Biology and Medicine</i> , 2014, 239, 105-115.	1.1	110
20	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, 485-493.	3.7	103
21	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.	2.3	103
22	Volumetric Bioprinting of Organoids and Optically Tuned Hydrogels to Build Liver-Like Metabolic Biofactories. <i>Advanced Materials</i> , 2022, 34, e2110054.	11.1	100
23	A Chemically Defined Hydrogel for Human Liver Organoid Culture. <i>Advanced Functional Materials</i> , 2020, 30, 2000893.	7.8	97
24	Polymorphisms Near TBX5 and GDF7 Are Associated With Increased Risk for Barrett's Esophagus. <i>Gastroenterology</i> , 2015, 148, 367-378.	0.6	93
25	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, 783-789.	0.5	92
26	Mycophenolic acid augments interferon-stimulated gene expression and inhibits hepatitis C Virus infection in vitro and in vivo. <i>Hepatology</i> , 2012, 55, 1673-1683.	3.6	91
27	Secreted Factors of Human Liver-Derived Mesenchymal Stem Cells Promote Liver Regeneration Early After Partial Hepatectomy. <i>Stem Cells and Development</i> , 2012, 21, 2410-2419.	1.1	90
28	Large-Scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , 2020, 72, 257-270.	3.6	89
29	Macrophage scavenger receptor MARCO: In vitro and in vivo regulation and involvement in the anti-bacterial host defense. <i>Immunology Letters</i> , 1997, 57, 203-208.	1.1	84
30	Long-Term Adult Feline Liver Organoid Cultures for Disease Modeling of Hepatic Steatosis. <i>Stem Cell Reports</i> , 2017, 8, 822-830.	2.3	82
31	Progression and regression of atherosclerosis in APOE3-Leiden transgenic mice: an immunohistochemical study. <i>Atherosclerosis</i> , 1999, 143, 15-25.	0.4	78
32	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, 1062-1068.	0.5	75
33	Biomarkers to assess graft quality during conventional and machine preservation in liver transplantation. <i>Journal of Hepatology</i> , 2014, 61, 672-684.	1.8	75
34	Sensitive detection of hepatocellular injury in chronic hepatitis C patients with circulating hepatocyte-derived microRNA. <i>Journal of Viral Hepatitis</i> , 2013, 20, 158-166.	1.0	73
35	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, 1637.	1.8	73
36	Experimental models for hepatitis C viral infection. <i>Hepatology</i> , 2009, 50, 1646-1655.	3.6	72

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37	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.	1.3	72
38	Decellularization of Whole Human Liver Grafts Using Controlled Perfusion for Transplantable Organ Bioscaffolds. <i>Stem Cells and Development</i> , 2017, 26, 1304-1315.	1.1	71
39	Advancement of Mesenchymal Stem Cell Therapy in Solid Organ Transplantation (MISOT). <i>Transplantation</i> , 2010, 90, 124-126.	0.5	66
40	Increased incidence of early <i>de novo</i> cancer in liver graft recipients treated with cyclosporine: An association with C <sub>2</sub> monitoring and recipient age. <i>Liver Transplantation</i> , 2010, 16, 837-846.	1.3	65
41	Cross Talk between Nucleotide Synthesis Pathways with Cellular Immunity in Constraining Hepatitis E Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2834-2848.	1.4	64
42	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, 1274-1282.	1.8	64
43	Unphosphorylated ISGF3 drives constitutive expression of interferon-stimulated genes to protect against viral infections. <i>Science Signaling</i> , 2017, 10, .	1.6	64
44	The Jak Inhibitor CP-690,550 Preserves the Function of CD4 <sup>+</sup> CD25 <sup>bright</sup> FoxP3 <sup>+</sup> Regulatory T Cells and Inhibits Effector T Cells. <i>American Journal of Transplantation</i> , 2010, 10, 1785-1795.	2.6	63
45	RIG-I is a key antiviral interferon-stimulated gene against hepatitis E virus regardless of interferon production. <i>Hepatology</i> , 2017, 65, 1823-1839.	3.6	63
46	Cellulose Nanofibril Hydrogel Promotes Hepatic Differentiation of Human Liver Organoids. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901658.	3.9	62
47	Porcine Endogenous Retrovirus Infects but Does Not Replicate in Nonhuman Primate Primary Cells and Cell Lines. <i>Journal of Virology</i> , 2002, 76, 11312-11320.	1.5	61
48	No Evidence for Circulating Mesenchymal Stem Cells in Patients with Organ Injury. <i>Stem Cells and Development</i> , 2014, 23, 2328-2335.	1.1	61
49	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, 1268-1278.	1.9	60
50	Lipid-mediated Wnt protein stabilization enables serum-free culture of human organ stem cells. <i>Nature Communications</i> , 2017, 8, 14578.	5.8	60
51	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.	3.8	60
52	Mitochondrial Fusion Via OPA1 and MFN1 Supports Liver Tumor Cell Metabolism and Growth. <i>Cells</i> , 2020, 9, 121.	1.8	60
53	Convergent Transcription of Interferon-stimulated Genes by TNF- $\hat{\pm}$ and IFN- $\hat{\pm}$ Augments Antiviral Activity against HCV and HEV. <i>Scientific Reports</i> , 2016, 6, 25482.	1.6	56
54	NK cells can generate from precursors in the adult human liver. <i>European Journal of Immunology</i> , 2011, 41, 3340-3350.	1.6	54

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55	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.	0.2	54
56	Long-term live imaging and multiscale analysis identify heterogeneity and core principles of epithelial organoid morphogenesis. <i>BMC Biology</i> , 2021, 19, 37.	1.7	54
57	The Role of the Mouse Macrophage Scavenger Receptor in Myelin Phagocytosis. <i>European Journal of Neuroscience</i> , 1997, 9, 2650-2657.	1.2	52
58	MicroRNA profiles in graft preservation solution are predictive of ischemic-type biliary lesions after liver transplantation. <i>Journal of Hepatology</i> , 2013, 59, 1231-1238.	1.8	52
59	The effect of rabbit anti-thymocyte globulin induction therapy on regulatory T cells in kidney transplant patients. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1635-1644.	0.4	51
60	Application of human liver organoids as a patient-derived primary model for HBV infection and related hepatocellular carcinoma. <i>ELife</i> , 2021, 10, .	2.8	51
61	Tumor promotion through the mesenchymal stem cell compartment in human hepatocellular carcinoma. <i>Carcinogenesis</i> , 2013, 34, 2330-2340.	1.3	50
62	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, 5625-5634.	0.4	50
63	Mycophenolic acid potently inhibits rotavirus infection with a high barrier to resistance development. <i>Antiviral Research</i> , 2016, 133, 41-49.	1.9	50
64	LGR5 marks targetable tumor-initiating cells in mouse liver cancer. <i>Nature Communications</i> , 2020, 11, 1961.	5.8	49
65	Impact of Steroids on Hepatitis C Virus Replication <i>in Vivo</i> and <i>in Vitro</i> . <i>Annals of the New York Academy of Sciences</i> , 2007, 1110, 439-447.	1.8	46
66	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, 713-722.	1.7	46
67	IL-21 Receptor Antagonist Inhibits Differentiation of B Cells toward Plasmablasts upon Alloantigen Stimulation. <i>Frontiers in Immunology</i> , 2017, 8, 306.	2.2	45
68	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, 6066-6072.	0.4	44
69	Mobilization of hepatic mesenchymal stem cells from human liver grafts. <i>Liver Transplantation</i> , 2011, 17, 596-609.	1.3	44
70	Human plasmacytoid dendritic cells induce CD8 <sup>+</sup> LAG3 <sup>+</sup> Foxp3 <sup>+</sup> CTLA4 <sup>+</sup> regulatory T cells that suppress allo-reactive memory T cells. <i>European Journal of Immunology</i> , 2011, 41, 1663-1674.	1.6	43
71	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.	1.6	43
72	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, 335-343.	0.6	41

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73	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.	2.2	41
74	T Follicular Helper Cells As a New Target for Immunosuppressive Therapies. <i>Frontiers in Immunology</i> , 2017, 8, 1510.	2.2	41
75	A Novel Animal Model to Evaluate Oxygen Derived Free Radical Damage in Soft Tissue. <i>Free Radical Research</i> , 1997, 26, 363-372.	1.5	40
76	Culture expansion induces non-tumorigenic aneuploidy in adipose tissue-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2013, 15, 1352-1361.	0.3	40
77	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. <i>Scientific Reports</i> , 2019, 9, 5984.	1.6	40
78	Dynamics of Proliferative and Quiescent Stem Cells in Liver Homeostasis and Injury. <i>Gastroenterology</i> , 2017, 153, 1133-1147.	0.6	39
79	From organoids to organs: Bioengineering liver grafts from hepatic stem cells and matrix. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2017, 31, 151-159.	1.0	36
80	Beneficial effect of modified peptide inhibitor of $\alpha 4$ integrins on experimental allergic encephalomyelitis in Lewis rats. <i>Journal of Neuroscience Research</i> , 2002, 67, 191-199.	1.3	34
81	Necroptotic Cell Death in Liver Transplantation and Underlying Diseases: Mechanisms and Clinical Perspective. <i>Liver Transplantation</i> , 2019, 25, 1091-1104.	1.3	34
82	Hydrogels derived from decellularized liver tissue support the growth and differentiation of cholangiocyte organoids. <i>Biomaterials</i> , 2022, 284, 121473.	5.7	33
83	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. , 1997, 50, 539-548.		32
84	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, 507-512.	1.0	32
85	Hepatocyte-derived microRNAs as sensitive serum biomarkers of hepatocellular injury in Labrador retrievers. <i>Veterinary Journal</i> , 2016, 211, 75-81.	0.6	32
86	Decrease of CD4+CD25+ T Cells in Peripheral Blood After Liver Transplantation: Association With Immunosuppression. <i>Transplantation Proceedings</i> , 2005, 37, 1194-1196.	0.3	31
87	The ins and outs of microRNAs as biomarkers in liver disease and transplantation. <i>Transplant International</i> , 2014, 27, 1222-1232.	0.8	30
88	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.	1.3	30
89	Modeling liver cancer and therapy responsiveness using organoids derived from primary mouse liver tumors. <i>Carcinogenesis</i> , 2019, 40, 145-154.	1.3	30
90	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.	0.5	30

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91	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.	2.0	29
92	AAV-mediated gene therapy for liver diseases: the prime candidate for clinical application?. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 315-327.	1.4	28
93	New therapeutic opportunities for Hepatitis C based on small RNA. <i>World Journal of Gastroenterology</i> , 2007, 13, 4431.	1.4	28
94	Recapitulating hepatitis E virus-host interactions and facilitating antiviral drug discovery in human liver-derived organoids. <i>Science Advances</i> , 2022, 8, eabj5908.	4.7	28
95	A dynamic perspective of RNAi library development. <i>Trends in Biotechnology</i> , 2012, 30, 206-215.	4.9	27
96	Expression, localization and polymorphisms of the nuclear receptor PXR in Barrett's esophagus and esophageal adenocarcinoma. <i>BMC Gastroenterology</i> , 2011, 11, 108.	0.8	26
97	Use of Serum MicroRNA as Biomarker for Hepatobiliary Diseases in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1816-1823.	0.6	26
98	Distinct Antiviral Potency of Sofosbuvir Against Hepatitis C and E Viruses. <i>Gastroenterology</i> , 2016, 151, 1251-1253.	0.6	26
99	Recreating Tumour Complexity in a Dish: Organoid Models to Study Liver Cancer Cells and their Extracellular Environment. <i>Cancers</i> , 2019, 11, 1706.	1.7	26
100	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.	1.7	26
101	Intrahepatic Detection of FOXP3 Gene Expression After Liver Transplantation Using Minimally Invasive Aspiration Biopsy. <i>Transplantation</i> , 2007, 83, 819-823.	0.5	25
102	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, 1025-1030.	1.3	25
103	Experimental models to unravel the molecular pathogenesis, cell of origin and stem cell properties of cholangiocarcinoma. <i>Liver International</i> , 2019, 39, 79-97.	1.9	25
104	Growth factors G-CSF and GM-CSF differentially preserve chemotaxis of neutrophils aging in vitro. <i>Experimental Hematology</i> , 2007, 35, 541-550.	0.2	24
105	Modelling immune cytotoxicity for cholangiocarcinoma with tumour-derived organoids and effector T cells. <i>British Journal of Cancer</i> , 2022, 127, 649-660.	2.9	23
106	Role of Macrophage Scavenger Receptors in Hepatic Granuloma Formation in Mice. <i>American Journal of Pathology</i> , 1999, 154, 705-720.	1.9	22
107	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.	3.2	22
108	Bioprinting of Human Liver-Derived Epithelial Organoids for Toxicity Studies. <i>Macromolecular Bioscience</i> , 2021, 21, e2100327.	2.1	22



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109	Calcineurin inhibitor tacrolimus does not interfere with the suppression of hepatitis C virus infection by interferon- $\beta$ . <i>Liver Transplantation</i> , 2010, 16, 520-526.	1.3	21
110	Inhibition of Calcineurin or IMP Dehydrogenase Exerts Moderate to Potent Antiviral Activity against Norovirus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	21
111	Prospects of RNAi and microRNA-based therapies for hepatitis C. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 713-724.	1.4	20
112	Ultra-thin fluorocarbon foils optimise multiscale imaging of three-dimensional native and optically cleared specimens. <i>Scientific Reports</i> , 2019, 9, 17292.	1.6	20
113	Virus-“drug interactions” molecular insight into immunosuppression and HCV. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 355-362.	8.2	19
114	Human Graft-Derived Mesenchymal Stromal Cells Potently Suppress Alloreactive T-Cell Responses. <i>Stem Cells and Development</i> , 2015, 24, 1436-1447.	1.1	19
115	Rotavirus Infection and Cytopathogenesis in Human Biliary Organoids Potentially Recapitulate Biliary Atresia Development. <i>MBio</i> , 2020, 11, .	1.8	19
116	Functional analysis of CD4 <sup>+</sup> CD25 <sup>bright</sup> T cells in kidney transplant patients: improving suppression of donor-directed responses after transplantation. <i>Clinical Transplantation</i> , 2008, 22, 579-586.	0.8	18
117	The calcineurin inhibitor tacrolimus allows the induction of functional CD4 <sup>+</sup> CD25 <sup>+</sup> regulatory T cells by rabbit anti-thymocyte globulins. <i>Clinical and Experimental Immunology</i> , 2010, 161, 364-377.	1.1	18
118	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. <i>Stem Cells and Development</i> , 2016, 25, 139-150.	1.1	18
119	Characterization of Rabbit Antithymocyte Globulins-Induced CD25 <sup>+</sup> Regulatory T Cells From Cells of Patients With End-Stage Renal Disease. <i>Transplantation</i> , 2010, 89, 655-666.	0.5	17
120	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.	0.8	17
121	Human branching cholangiocyte organoids recapitulate functional bile duct formation. <i>Cell Stem Cell</i> , 2022, 29, 776-794.e13.	5.2	17
122	NADH Videofluorimetry to Monitor the Energy State of Skeletal Muscle in Vivo. <i>Journal of Surgical Research</i> , 1998, 74, 155-160.	0.8	16
123	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.	0.5	16
124	Migration of allosensitizing donor myeloid dendritic cells into recipients after liver transplantation. <i>Liver Transplantation</i> , 2010, 16, 12-22.	1.3	15
125	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, 246-253.	1.6	15
126	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.	0.8	15



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127	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.	0.8	15
128	Evaluation of RNA isolation methods for microRNA quantification in a range of clinical biofluids. <i>BMC Biotechnology</i> , 2021, 21, 48.	1.7	15
129	Recapitulating Cholangiopathy-Associated Necroptotic Cell Death In Vitro Using Human Cholangiocyte Organoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 541-564.	2.3	15
130	Differential Sensitivities of Fast- and Slow-Cycling Cancer Cells to Inosine Monophosphate Dehydrogenase 2 Inhibition by Mycophenolic Acid. <i>Molecular Medicine</i> , 2015, 21, 792-802.	1.9	14
131	Polarized release of hepatic microRNAs into bile and serum in response to cellular injury and impaired liver function. <i>Liver International</i> , 2016, 36, 883-892.	1.9	14
132	Donor and recipient HLA/KIR genotypes do not predict liver transplantation outcome. <i>Transplant International</i> , 2011, 24, 932-942.	0.8	13
133	Cytomegalovirus-Induced Expression of CD244 after Liver Transplantation Is Associated with CD8+ T Cell Hyporesponsiveness to Alloantigen. <i>Journal of Immunology</i> , 2015, 195, 1838-1848.	0.4	13
134	Vitamin D Receptor Polymorphisms Are Associated with Reduced Esophageal Vitamin D Receptor Expression and Reduced Esophageal Adenocarcinoma Risk. <i>Molecular Medicine</i> , 2015, 21, 346-354.	1.9	12
135	Inflammatory genes in rat livers from cardiac- and brain death donors. <i>Journal of Surgical Research</i> , 2015, 198, 217-227.	0.8	12
136	Design by Nature: Emerging Applications of Native Liver Extracellular Matrix for Cholangiocyte Organoid-Based Regenerative Medicine. <i>Bioengineering</i> , 2022, 9, 110.	1.6	12
137	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.	1.7	12
138	Flowcytometric quantitation of hepatitis B viral antigens in hepatocytes from regular and fine-needle biopsies. <i>Journal of Virological Methods</i> , 2007, 142, 189-197.	1.0	11
139	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, 1088-1098.	1.3	11
140	Cellular and Molecular Mechanisms of Mesenchymal Stem Cell Actions. <i>Stem Cells International</i> , 2017, 2017, 1-2.	1.2	11
141	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.	0.5	11
142	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.	1.8	11
143	Hydroxyethyl starch-based preservation solutions enhance gene therapy vector delivery under hypothermic conditions. <i>Liver Transplantation</i> , 2008, 14, 1708-1717.	1.3	10
144	Ribavirin enhances interferon-stimulated gene transcription by activation of the interferon-stimulated response element. <i>Hepatology</i> , 2011, 53, 1400-1401.	3.6	10

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145	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, 427-435.	0.7	10
146	Hepatitis virus hijacks shuttle: Exosome-like vesicles provide protection against neutralizing antibodies. <i>Hepatology</i> , 2014, 59, 2416-2418.	3.6	10
147	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.	0.8	10
148	Hepatobiliary tumor organoids for personalized medicine: a multicenter view on establishment, limitations, and future directions. <i>Cancer Cell</i> , 2022, 40, 226-230.	7.7	10
149	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.	1.6	10
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