Luc Jw Van Der Laan

List of Publications by Year
in descending order

195 papers	15,938 citations	31976 53 h-index	18130 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). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Long-Term Culture of Genome-Stable Bipotent Stem Cells from Adult Human Liver. Cell, 2015, 160, 299-312.	28.9	1,166
3	Human primary liver cancerâ€“derived organoid cultures for disease modeling and drug screening. Nature Medicine, 2017, 23, 1424-1435.	30.7	905
4	Tissue-specific mutation accumulation in human adult stem cells during life. Nature, 2016, 538, 260-264.	27.8	759
5	Regulatory T cells contribute to the impaired immune response in patients with chronic hepatitis B virus infection. Hepatology, 2005, 41, 771-778.	7.3	462
6	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, 13109-13113.	7.1	422
7	Infection by porcine endogenous retrovirus after islet xenotransplantation in SCID mice. Nature, 2000, 407, 90-94.	27.8	374
8	Hepatocyte-derived microRNAs as serum biomarkers of hepatic injury and rejection after liver transplantation. Liver Transplantation, 2012, 18, 290-297.	2.4	177
9	Macrophage phagocytosis of myelin in vitro determined by flow cytometry: phagocytosis is mediated by CR3 and induces production of tumor necrosis factor-Î± and nitric oxide. Journal of Neuroimmunology, 1996, 70, 145-152.	2.3	168
10	CD66 nonspecific cross-reacting antigens are involved in neutrophil adherence to cytokine-activated endothelial cells.. Journal of Cell Biology, 1992, 118, 457-466.	5.2	165
11	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. Nature Genetics, 2012, 44, 1131-1136.	21.4	162
12	The macrophage receptor MARCO. Microbes and Infection, 2000, 2, 313-316.	1.9	158
13	Calcineurin Inhibitors Stimulate and Mycophenolic Acid Inhibits Replication of Hepatitis E Virus. Gastroenterology, 2014, 146, 1775-1783.	1.3	158
14	Modeling rotavirus infection and antiviral therapy using primary intestinal organoids. Antiviral Research, 2015, 123, 120-131.	4.1	156
15	Hepatic cell-to-cell transmission of small silencing RNA can extend the therapeutic reach of RNA interference (RNAi). Gut, 2012, 61, 1330-1339.	12.1	150
16	Prime editing for functional repair in patient-derived disease models. Nature Communications, 2020, 11, 5352.	12.8	134
17	Low circulating regulatory T-cell levels after acute rejection in liver transplantation. Liver Transplantation, 2006, 12, 277-284.	2.4	131
18	Mycophenolic Acid Inhibits Hepatitis C Virus Replication and Acts in Synergy With Cyclosporin A and Interferon-Î±. Gastroenterology, 2006, 131, 1452-1462.	1.3	120

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19	Detection of spontaneous tumorigenic transformation during culture expansion of human mesenchymal stromal cells. Experimental Biology and Medicine, 2014, 239, 105-115.	2.4	110
20	Simultaneous targeting of HCV replication and viral binding with a single lentiviral vector containing multiple RNA interference expression cassettes. Molecular Therapy, 2006, 14, 485-493.	8.2	103
21	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.	4.5	103
22	Volumetric Bioprinting of Organoids and Optically Tuned Hydrogels to Build Liverâ€Like Metabolic Biofactories. Advanced Materials, 2022, 34, e2110054.	21.0	100
23	A Chemically Defined Hydrogel for Human Liver Organoid Culture. Advanced Functional Materials, 2020, 30, 2000893.	14.9	97
24	Polymorphisms Near TBX5 and GDF7 Are Associated With Increased Risk for Barrettâ€™s Esophagus. Gastroenterology, 2015, 148, 367-378.	1.3	93
25	Impact of Immunosuppressive Drugs on CD4+CD25+FOXP3+ Regulatory T Cells: Does In Vitro Evidence Translate to the Clinical Setting?. Transplantation, 2008, 85, 783-789.	1.0	92
26	Mycophenolic acid augments interferon-stimulated gene expression and inhibits hepatitis C Virus infection in vitro and in vivo. Hepatology, 2012, 55, 1673-1683.	7.3	91
27	Secreted Factors of Human Liver-Derived Mesenchymal Stem Cells Promote Liver Regeneration Early After Partial Hepatectomy. Stem Cells and Development, 2012, 21, 2410-2419.	2.1	90
28	Largeâ€Scale Production of LGR5â€Positive Bipotential Human Liver Stem Cells. Hepatology, 2020, 72, 257-270.	7.3	89
29	Macrophage scavenger receptor MARCO: In vitro and in vivo regulation and involvement in the anti-bacterial host defense. Immunology Letters, 1997, 57, 203-208.	2.5	84
30	Long-Term Adult Feline Liver Organoid Cultures for Disease Modeling ofÂHepatic Steatosis. Stem Cell Reports, 2017, 8, 822-830.	4.8	82
31	Progression and regression of atherosclerosis in APOE3-Leiden transgenic mice: an immunohistochemical study. Atherosclerosis, 1999, 143, 15-25.	0.8	78
32	Conversion From Calcineurin Inhibitor to Mycophenolate Mofetil-Based Immunosuppression Changes the Frequency and Phenotype of CD4+FOXP3+ Regulatory T Cells. Transplantation, 2009, 87, 1062-1068.	1.0	75
33	Biomarkers to assess graft quality during conventional and machine preservation in liver transplantation. Journal of Hepatology, 2014, 61, 672-684.	3.7	75
34	Sensitive detection of hepatocellular injury in chronic hepatitis <scp>C</scp> patients with circulating hepatocyteâ€derived micro<scp>RNA</scp>â€122. Journal of Viral Hepatitis, 2013, 20, 158-166.	2.0	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. Cells, 2019, 8, 1637.	4.1	73
36	Experimental models for hepatitis C viral infection. Hepatology, 2009, 50, 1646-1655.	7.3	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. Liver Transplantation, 2010, 16, 895-908.	2.4	72
38	Decellularization of Whole Human Liver Grafts Using Controlled Perfusion for Transplantable Organ Bioscaffolds. Stem Cells and Development, 2017, 26, 1304-1315.	2.1	71
39	Advancement of Mesenchymal Stem Cell Therapy in Solid Organ Transplantation (MISOT). Transplantation, 2010, 90, 124-126.	1.0	66
40	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, 837-846.	2.4	65
41	Cross Talk between Nucleotide Synthesis Pathways with Cellular Immunity in Constraining Hepatitis E Virus Replication. Antimicrobial Agents and Chemotherapy, 2016, 60, 2834-2848.	3.2	64
42	Counter-regulation of rejection activity against human liver grafts by donor PD-L1 and recipient PD-1 interaction. Journal of Hepatology, 2016, 64, 1274-1282.	3.7	64
43	Unphosphorylated ISGF3 drives constitutive expression of interferon-stimulated genes to protect against viral infections. Science Signaling, 2017, 10, .	3.6	64
44	The Jak Inhibitor CP-690,550 Preserves the Function of CD4+CD25brightFoxP3+ Regulatory T Cells and Inhibits Effector T Cells. American Journal of Transplantation, 2010, 10, 1785-1795.	4.7	63
45	RIGâ€I is a key antiviral interferonâ€stimulated gene against hepatitis E virus regardless of interferon production. Hepatology, 2017, 65, 1823-1839.	7.3	63
46	Cellulose Nanofibril Hydrogel Promotes Hepatic Differentiation of Human Liver Organoids. Advanced Healthcare Materials, 2020, 9, e1901658.	7.6	62
47	Porcine Endogenous Retrovirus Infects but Does Not Replicate in Nonhuman Primate Primary Cells and Cell Lines. Journal of Virology, 2002, 76, 11312-11320.	3.4	61
48	No Evidence for Circulating Mesenchymal Stem Cells in Patients with Organ Injury. Stem Cells and Development, 2014, 23, 2328-2335.	2.1	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. Journal of Infectious Diseases, 2015, 211, 1268-1278.	4.0	60
50	Lipid-mediated Wnt protein stabilization enables serum-free culture of human organ stem cells. Nature Communications, 2017, 8, 14578.	12.8	60
51	Fast, robust and effective decellularization of whole human livers using mild detergents and pressure controlled perfusion. Materials Science and Engineering C, 2020, 108, 110200.	7.3	60
52	Mitochondrial Fusion Via OPA1 and MFN1 Supports Liver Tumor Cell Metabolism and Growth. Cells, 2020, 9, 121.	4.1	60
53	Convergent Transcription of Interferon-stimulated Genes by TNF-Î± and IFN-Î± Augments Antiviral Activity against HCV and HEV. Scientific Reports, 2016, 6, 25482.	3.3	56
54	NK cells can generate from precursors in the adult human liver. European Journal of Immunology, 2011, 41, 3340-3350.	2.9	54

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55	IFN regulatory factor 1 restricts hepatitis E virus replication by activating STAT1 to induce antiviral IFNâ€stimulated genes. FASEB Journal, 2016, 30, 3352-3367.	0.5	54
56	Long-term live imaging and multiscale analysis identify heterogeneity and core principles of epithelial organoid morphogenesis. BMC Biology, 2021, 19, 37.	3.8	54
57	The Role of the Mouse Macrophage Scavenger Receptor in Myelin Phagocytosis. European Journal of Neuroscience, 1997, 9, 2650-2657.	2.6	52
58	MicroRNA profiles in graft preservation solution are predictive of ischemic-type biliary lesions after liver transplantation. Journal of Hepatology, 2013, 59, 1231-1238.	3.7	52
59	The effect of rabbit anti-thymocyte globulin induction therapy on regulatory T cells in kidney transplant patients. Nephrology Dialysis Transplantation, 2009, 24, 1635-1644.	0.7	51
60	Application of human liver organoids as a patient-derived primary model for HBV infection and related hepatocellular carcinoma. ELife, 2021, 10, .	6.0	51
61	Tumor promotion through the mesenchymal stem cell compartment in human hepatocellular carcinoma. Carcinogenesis, 2013, 34, 2330-2340.	2.8	50
62	Intravenous Immunoglobulin Treatment in Humans Suppresses Dendritic Cell Function via Stimulation of IL-4 and IL-13 Production. Journal of Immunology, 2014, 192, 5625-5634.	0.8	50
63	Mycophenolic acid potently inhibits rotavirus infection with a high barrier to resistance development. Antiviral Research, 2016, 133, 41-49.	4.1	50
64	LGR5 marks targetable tumor-initiating cells in mouse liver cancer. Nature Communications, 2020, 11, 1961.	12.8	49
65	Impact of Steroids on Hepatitis C Virus Replication in Vivo and in Vitro. Annals of the New York Academy of Sciences, 2007, 1110, 439-447.	3.8	46
66	Combined antiviral activity of interferon-Î± and RNA interference directed against hepatitis C without affecting vector delivery and gene silencing. Journal of Molecular Medicine, 2009, 87, 713-722.	3.9	46
67	IL-21 Receptor Antagonist Inhibits Differentiation of B Cells toward Plasmablasts upon Alloantigen Stimulation. Frontiers in Immunology, 2017, 8, 306.	4.8	45
68	Allosuppressive Donor CD4+CD25+ Regulatory T Cells Detach from the Graft and Circulate in Recipients after Liver Transplantation. Journal of Immunology, 2007, 178, 6066-6072.	0.8	44
69	Mobilization of hepatic mesenchymal stem cells from human liver grafts. Liver Transplantation, 2011, 17, 596-609.	2.4	44
70	Human plasmacytoid dendritic cells induce CD8⁺LAGâ€3⁺Foxp3⁺CTLAâ€4⁺ regulatory T cells that suppress alloâ€reactive memory T cells. European Journal of Immunology, 2011, 41, 1663-1674.	2.9	43
71	Human extrahepatic and intrahepatic cholangiocyte organoids show region-specific differentiation potential and model cystic fibrosis-related bile duct disease. Scientific Reports, 2020, 10, 21900.	3.3	43
72	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, 335-343.	1.3	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. Translational Research, 2017, 188, 67-79.	5.0	41
74	T Follicular Helper Cells As a New Target for Immunosuppressive Therapies. Frontiers in Immunology, 2017, 8, 1510.	4.8	41
75	A Novel Animal Model to Evaluate Oxygen Derived Free Radical Damage in Soft Tissue. Free Radical Research, 1997, 26, 363-372.	3.3	40
76	Culture expansion induces non-tumorigenic aneuploidy in adipose tissue-derived mesenchymal stromal cells. Cytotherapy, 2013, 15, 1352-1361.	0.7	40
77	Characterization of donor and recipient CD8+ tissue-resident memory T cells in transplant nephrectomies. Scientific Reports, 2019, 9, 5984.	3.3	40
78	Dynamics of Proliferative and Quiescent Stem Cells in Liver Homeostasis and Injury. Gastroenterology, 2017, 153, 1133-1147.	1.3	39
79	From organoids to organs: Bioengineering liver grafts fromÂhepatic stem cells and matrix. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2017, 31, 151-159.	2.4	36
80	Beneficial effect of modified peptide inhibitor of Î±4 integrins on experimental allergic encephalomyelitis in Lewis rats. Journal of Neuroscience Research, 2002, 67, 191-199.	2.9	34
81	Necroptotic Cell Death in Liver Transplantation and Underlying Diseases: Mechanisms and Clinical Perspective. Liver Transplantation, 2019, 25, 1091-1104.	2.4	34
82	Hydrogels derived from decellularized liver tissue support the growth and differentiation of cholangiocyte organoids. Biomaterials, 2022, 284, 121473.	11.4	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. Journal of Viral Hepatitis, 2005, 12, 507-512.	2.0	32
85	Hepatocyte-derived microRNAs as sensitive serum biomarkers of hepatocellular injury in Labrador retrievers. Veterinary Journal, 2016, 211, 75-81.	1.7	32
86	Decrease of CD4+CD25+ T Cells in Peripheral Blood After Liver Transplantation: Association With Immunosuppression. Transplantation Proceedings, 2005, 37, 1194-1196.	0.6	31
87	The ins and outs of microRNAs as biomarkers in liver disease and transplantation. Transplant International, 2014, 27, 1222-1232.	1.6	30
88	The release of microRNAâ€122 during liver preservation is associated with early allograft dysfunction and graft survival after transplantation. Liver Transplantation, 2017, 23, 946-956.	2.4	30
89	Modeling liver cancer and therapy responsiveness using organoids derived from primary mouse liver tumors. Carcinogenesis, 2019, 40, 145-154.	2.8	30
90	First Report on Ex Vivo Delivery of Paracrine Active Human Mesenchymal Stromal Cells to Liver Grafts During Machine Perfusion. Transplantation, 2020, 104, e5-e7.	1.0	30

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91	Dexamethasone transforms lipopolysaccharideâ€stimulated human blood myeloid dendritic cells into myeloid dendritic cells that prime interleukinâ€10 production in T cells. Immunology, 2008, 125, 91-100.	4.4	29
92	AAV-mediated gene therapy for liver diseases: the prime candidate for clinical application?. Expert Opinion on Biological Therapy, 2011, 11, 315-327.	3.1	28
93	New therapeutic opportunities for Hepatitis C based on small RNA. World Journal of Gastroenterology, 2007, 13, 4431.	3.3	28
94	Recapitulating hepatitis E virusâ€“host interactions and facilitating antiviral drug discovery in human liverâ€derived organoids. Science Advances, 2022, 8, eabj5908.	10.3	28
95	A dynamic perspective of RNAi library development. Trends in Biotechnology, 2012, 30, 206-215.	9.3	27
96	Expression, localization and polymorphisms of the nuclear receptor PXR in Barrett's esophagus and esophageal adenocarcinoma. BMC Gastroenterology, 2011, 11, 108.	2.0	26
97	Use of Serum Micro<scp>RNA</scp>s as Biomarker for Hepatobiliary Diseases in Dogs. Journal of Veterinary Internal Medicine, 2016, 30, 1816-1823.	1.6	26
98	Distinct Antiviral Potency of Sofosbuvir Against Hepatitis CÂand E Viruses. Gastroenterology, 2016, 151, 1251-1253.	1.3	26
99	Recreating Tumour Complexity in a Dish: Organoid Models to Study Liver Cancer Cells and their Extracellular Environment. Cancers, 2019, 11, 1706.	3.7	26
100	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.	3.3	26
101	Intrahepatic Detection of FOXP3 Gene Expression After Liver Transplantation Using Minimally Invasive Aspiration Biopsy. Transplantation, 2007, 83, 819-823.	1.0	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. FEBS Letters, 2011, 585, 1025-1030.	2.8	25
103	Experimental models to unravel the molecular pathogenesis, cell of origin and stem cell properties of cholangiocarcinoma. Liver International, 2019, 39, 79-97.	3.9	25
104	Growth factors G-CSF and GM-CSF differentially preserve chemotaxis of neutrophils aging in vitro. Experimental Hematology, 2007, 35, 541-550.	0.4	24
105	Modelling immune cytotoxicity for cholangiocarcinoma with tumour-derived organoids and effector T cells. British Journal of Cancer, 2022, 127, 649-660.	6.4	23
106	Role of Macrophage Scavenger Receptors in Hepatic Granuloma Formation in Mice. American Journal of Pathology, 1999, 154, 705-720.	3.8	22
107	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.	6.5	22
108	Bioprinting of Human Liverâ€Derived Epithelial Organoids for Toxicity Studies. Macromolecular Bioscience, 2021, 21, e2100327.	4.1	22

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109	Calcineurin inhibitor tacrolimus does not interfere with the suppression of hepatitis C virus infection by interferon-Î±. Liver Transplantation, 2010, 16, 520-526.	2.4	21
110	Inhibition of Calcineurin or IMP Dehydrogenase Exerts Moderate to Potent Antiviral Activity against Norovirus Replication. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	21
111	Prospects of RNAi and microRNA-based therapies for hepatitis C. Expert Opinion on Biological Therapy, 2009, 9, 713-724.	3.1	20
112	Ultra-thin fluorocarbon foils optimise multiscale imaging of three-dimensional native and optically cleared specimens. Scientific Reports, 2019, 9, 17292.	3.3	20
113	Virusâ€“drug interactionsâ€”molecular insight into immunosuppression and HCV. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 355-362.	17.8	19
114	Human Graft-Derived Mesenchymal Stromal Cells Potently Suppress Alloreactive T-Cell Responses. Stem Cells and Development, 2015, 24, 1436-1447.	2.1	19
115	Rotavirus Infection and Cytopathogenesis in Human Biliary Organoids Potentially Recapitulate Biliary Atresia Development. MBio, 2020, 11, .	4.1	19
116	Functional analysis of CD4⁺ CD25^{bright} T cells in kidney transplant patients: improving suppression of donorâ€directed responses after transplantation. Clinical Transplantation, 2008, 22, 579-586.	1.6	18
117	The calcineurin inhibitor tacrolimus allows the induction of functional CD4+CD25+ regulatory T cells by rabbit anti-thymocyte globulins. Clinical and Experimental Immunology, 2010, 161, 364-377.	2.6	18
118	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. Stem Cells and Development, 2016, 25, 139-150.	2.1	18
119	Characterization of Rabbit Antithymocyte Globulins-Induced CD25+ Regulatory T Cells From Cells of Patients With End-Stage Renal Disease. Transplantation, 2010, 89, 655-666.	1.0	17
120	Donorâ€specific antiâ€<scp>HLA</scp> 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.	1.6	17
121	Human branching cholangiocyte organoids recapitulate functional bile duct formation. Cell Stem Cell, 2022, 29, 776-794.e13.	11.1	17
122	NADH Videofluorimetry to Monitor the Energy State of Skeletal Musclein Vivo. Journal of Surgical Research, 1998, 74, 155-160.	1.6	16
123	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.	1.0	16
124	Migration of allosensitizing donor myeloid dendritic cells into recipients after liver transplantation. Liver Transplantation, 2010, 16, 12-22.	2.4	15
125	Differential expression of the nuclear receptors farnesoid X receptor (FXR) and pregnane X receptor (PXR) for grading dysplasia in patients with Barrettâ€™s oesophagus. Histopathology, 2011, 58, 246-253.	2.9	15
126	Cellâ€free microRNAs as early predictors of graft viability during ex vivo normothermic machine perfusion of human donor livers. Clinical Transplantation, 2020, 34, e13790.	1.6	15

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127	The emergence of regenerative medicine in organ transplantation: 1st European Cell Therapy and Organ Regeneration Section meeting. Transplant International, 2020, 33, 833-840.	1.6	15
128	Evaluation of RNA isolation methods for microRNA quantification in a range of clinical biofluids. BMC Biotechnology, 2021, 21, 48.	3.3	15
129	Recapitulating Cholangiopathy-Associated Necroptotic Cell Death InÂVitro Using Human Cholangiocyte Organoids. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 541-564.	4.5	15
130	Differential Sensitivities of Fast- and Slow-Cycling Cancer Cells to Inosine Monophosphate Dehydrogenase 2 Inhibition by Mycophenolic Acid. Molecular Medicine, 2015, 21, 792-802.	4.4	14
131	Polarized release of hepatic micro<scp>RNA</scp>s into bile and serum in response to cellular injury and impaired liver function. Liver International, 2016, 36, 883-892.	3.9	14
132	Donor and recipient HLA/KIR genotypes do not predict liver transplantation outcome. Transplant International, 2011, 24, 932-942.	1.6	13
133	Cytomegalovirus-Induced Expression of CD244 after Liver Transplantation Is Associated with CD8+ T Cell Hyporesponsiveness to Alloantigen. Journal of Immunology, 2015, 195, 1838-1848.	0.8	13
134	Vitamin D Receptor Polymorphisms Are Associated with Reduced Esophageal Vitamin D Receptor Expression and Reduced Esophageal Adenocarcinoma Risk. Molecular Medicine, 2015, 21, 346-354.	4.4	12
135	Inflammatory genes in rat livers from cardiac- and brain death donors. Journal of Surgical Research, 2015, 198, 217-227.	1.6	12
136	Design by Nature: Emerging Applications of Native Liver Extracellular Matrix for Cholangiocyte Organoid-Based Regenerative Medicine. Bioengineering, 2022, 9, 110.	3.5	12
137	Cholangiocyte organoids from human bile retain a local phenotype and can repopulate bile ducts in vitro. Clinical and Translational Medicine, 2021, 11, e566.	4.0	12
138	Flowcytometric quantitation of hepatitis B viral antigens in hepatocytes from regular and fine-needle biopsies. Journal of Virological Methods, 2007, 142, 189-197.	2.1	11
139	Relationship between the histological appearance of the portal vein and development of ischemic-type biliary lesions after liver transplantation. Liver Transplantation, 2013, 19, 1088-1098.	2.4	11
140	Cellular and Molecular Mechanisms of Mesenchymal Stem Cell Actions. Stem Cells International, 2017, 2017, 1-2.	2.5	11
141	The Effects of an IL-21 Receptor Antagonist on the Alloimmune Response in a Humanized Mouse Skin Transplant Model. Transplantation, 2019, 103, 2065-2074.	1.0	11
142	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.	3.7	11
143	Hydroxyethyl starch-based preservation solutions enhance gene therapy vector delivery under hypothermic conditions. Liver Transplantation, 2008, 14, 1708-1717.	2.4	10
144	Ribavirin enhances interferon-stimulated gene transcription by activation of the interferon-stimulated response element. Hepatology, 2011, 53, 1400-1401.	7.3	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. Pharmacogenetics and Genomics, 2014, 24, 427-435.	1.5	10
146	Hepatitis virus hijacks shuttle: Exosome-like vesicles provide protection against neutralizing antibodies. Hepatology, 2014, 59, 2416-2418.	7.3	10
147	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.	1.9	10
148	Hepatobiliary tumor organoids for personalized medicine: a multicenter view on establishment, limitations, and future directions. Cancer Cell, 2022, 40, 226-230.	16.8	10
149	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.	3.3	10
150	Human Cholangiocytes Form a Polarized and Functional Bile Duct on Hollow Fiber Membranes. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	10
151	Differential effects of antiâ€rat CD11b monoclonal antibodies on granulocyte adhesiveness. Immunology, 1999, 96, 83-89.	4.4	9
152	Interfering with interferon: Re-igniting the debate on calcineurin inhibitor choice and antiviral therapy for hepatitis C virus recurrence. Liver Transplantation, 2008, 14, 265-267.	2.4	9
153	Canine hepacivirus and idiopathic hepatitis in dogs from a Dutch cohort. Journal of Viral Hepatitis, 2014, 21, 894-896.	2.0	9
154	Improving Accuracy of Urinary miRNA Quantification in Heparinized Patients Using Heparinase I Digestion. Journal of Molecular Diagnostics, 2016, 18, 825-833.	2.8	9
155	The biological process of lysineâ€tRNA charging is therapeutically targetable in liver cancer. Liver International, 2021, 41, 206-219.	3.9	9
156	Precancerous liver diseases do not cause increased mutagenesis in liver stem cells. Communications Biology, 2021, 4, 1301.	4.4	9
157	Recapitulating lipid accumulation and related metabolic dysregulation in human liver-derived organoids. Journal of Molecular Medicine, 2022, 100, 471-484.	3.9	9
158	Antiviral or proviral action of mycophenolic acid in hepatitis B infection?. Hepatology, 2012, 56, 1586-1587.	7.3	8
159	Gene Therapies for Hepatitis C Virus. Advances in Experimental Medicine and Biology, 2015, 848, 1-29.	1.6	8
160	Tumor microRNA-126 controls cell viability and associates with poor survival in patients with esophageal adenocarcinoma. Experimental Biology and Medicine, 2019, 244, 1210-1219.	2.4	8
161	Detailed Kinetics of the Direct Allo-Response in Human Liver Transplant Recipients: New Insights from an Optimized Assay. PLoS ONE, 2010, 5, e14452.	2.5	7
162	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, 1-13.	2.2	7

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163	From fatty hepatocytes to impaired bile flow: Matching model systems for liver biology and disease. Biochemical Pharmacology, 2020, 180, 114173.	4.4	7
164	Support of Hepatic Regeneration by Trophic Factors from Liver-Derived Mesenchymal Stromal/Stem Cells. Methods in Molecular Biology, 2014, 1213, 89-104.	0.9	7
165	MicroRNAs in bile vesicles: Finding a tradeâ€off for biomarker discovery. Hepatology, 2015, 61, 1094-1095.	7.3	6
166	Prominent HLA-G Expression in Liver Disease But Not After Liver Transplantation. Transplantation, 2015, 99, 2514-2522.	1.0	6
167	Assessment of human leukocyte antigen matching algorithm PIRCHEâ€II on liver transplantation outcomes. Liver Transplantation, 2022, 28, 1356-1366.	2.4	6
168	Barking up the wrong tree: MicroRNAs in bile as markers for biliary complications. Liver Transplantation, 2014, 20, 637-639.	2.4	5
169	Evidence of Bâ€cell follicles with germinal centers in chronic hepatitis C patients. European Journal of Immunology, 2015, 45, 1570-1571.	2.9	5
170	HOXA13 in etiology and oncogenic potential of Barrettâ€™s esophagus. Nature Communications, 2021, 12, 3354.	12.8	5
171	Production of Multicopy shRNA Lentiviral Vectors for Antiviral Therapy. Methods in Molecular Biology, 2011, 721, 313-332.	0.9	5
172	Liver Ischemia and Reperfusion Induce Periportal Expression of Necroptosis Executor pMLKL Which Is Associated With Early Allograft Dysfunction After Transplantation. Frontiers in Immunology, 2022, 13, .	4.8	5
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