

Patricia F Lalor

List of Publications by Year in descending order

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106
papers

6,272
citations

66336

42
h-index

69246

77
g-index

107
all docs

107
docs citations

107
times ranked

8544
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical Margin in Hepatic Resection for Colorectal Metastasis. <i>Annals of Surgery</i> , 1998, 227, 566-571.	4.2	390
2	Hepatic Endothelial CCL25 Mediates the Recruitment of CCR9+ Gut-homing Lymphocytes to the Liver in Primary Sclerosing Cholangitis. <i>Journal of Experimental Medicine</i> , 2004, 200, 1511-1517.	8.5	305
3	An inflammation-induced mechanism for leukocyte transmigration across lymphatic vessel endothelium. <i>Journal of Experimental Medicine</i> , 2006, 203, 2763-2777.	8.5	302
4	Liver sinusoidal endothelial cells are gatekeepers of hepatic immunity. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 555-567.	17.8	286
5	Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019, 25, 641-655.	30.7	259
6	MAdCAM-1 expressed in chronic inflammatory liver disease supports mucosal lymphocyte adhesion to hepatic endothelium (MAdCAM-1 in chronic inflammatory liver disease). <i>Hepatology</i> , 2001, 33, 1065-1072.	7.3	246
7	Vascular Adhesion Protein-1 Mediates Adhesion and Transmigration of Lymphocytes on Human Hepatic Endothelial Cells. <i>Journal of Immunology</i> , 2002, 169, 983-992.	0.8	223
8	Homing of mucosal lymphocytes to the liver in the pathogenesis of hepatic complications of inflammatory bowel disease. <i>Lancet, The</i> , 2002, 359, 150-157.	13.7	221
9	Monocyte subsets in human liver disease show distinct phenotypic and functional characteristics. <i>Hepatology</i> , 2013, 57, 385-398.	7.3	208
10	Distinct Roles for CCR4 and CXCR3 in the Recruitment and Positioning of Regulatory T Cells in the Inflamed Human Liver. <i>Journal of Immunology</i> , 2010, 184, 2886-2898.	0.8	199
11	CXC Chemokine Ligand 16 Promotes Integrin-Mediated Adhesion of Liver-Infiltrating Lymphocytes to Cholangiocytes and Hepatocytes within the Inflamed Human Liver. <i>Journal of Immunology</i> , 2005, 174, 1055-1062.	0.8	197
12	LSECtin interacts with filovirus glycoproteins and the spike protein of SARS coronavirus. <i>Virology</i> , 2005, 340, 224-236.	2.4	192
13	Recruitment of lymphocytes to the human liver. <i>Immunology and Cell Biology</i> , 2002, 80, 52-64.	2.3	176
14	Human hepatic sinusoidal endothelial cells can be distinguished by expression of phenotypic markers related to their specialised functions <i>in vivo</i> . <i>World Journal of Gastroenterology</i> , 2006, 12, 5429.	3.3	145
15	Common Lymphatic Endothelial and Vascular Endothelial Receptor-1 Mediates the Transmigration of Regulatory T Cells across Human Hepatic Sinusoidal Endothelium. <i>Journal of Immunology</i> , 2011, 186, 4147-4155.	0.8	141
16	Hepatic expression and cellular distribution of the glucose transporter family. <i>World Journal of Gastroenterology</i> , 2012, 18, 6771.	3.3	140
17	Liver Myofibroblasts Regulate Infiltration and Positioning of Lymphocytes in Human Liver. <i>Gastroenterology</i> , 2009, 136, 705-714.	1.3	122
18	CXCR3 Activation Promotes Lymphocyte Transendothelial Migration across Human Hepatic Endothelium under Fluid Flow. <i>American Journal of Pathology</i> , 2005, 167, 887-899.	3.8	121

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19	The Role of Cytokines and Chemokines in the Development of Steatohepatitis. <i>Seminars in Liver Disease</i> , 2007, 27, 173-193.	3.6	106
20	Activation of vascular adhesion protein-1 on liver endothelium results in an NF- κ B-dependent increase in lymphocyte adhesion. <i>Hepatology</i> , 2007, 45, 465-474.	7.3	99
21	Platelets: No longer bystanders in liver disease. <i>Hepatology</i> , 2016, 64, 1774-1784.	7.3	99
22	Regulation of mucosal addressin cell adhesion molecule 1 expression in human and mice by vascular adhesion protein 1 amine oxidase activity. <i>Hepatology</i> , 2011, 53, 661-672.	7.3	93
23	Hyperspectral Visualization of Mass Spectrometry Imaging Data. <i>Analytical Chemistry</i> , 2013, 85, 1415-1423.	6.5	93
24	Development of Hepatocellular Carcinoma in a Murine Model of Nonalcoholic Steatohepatitis Induced by Use of a High-Fat/Fructose Diet and Sedentary Lifestyle. <i>American Journal of Pathology</i> , 2014, 184, 1550-1561.	3.8	91
25	Hepatitis C virus receptor expression in normal and diseased liver tissue. <i>Hepatology</i> , 2008, 47, 418-427.	7.3	90
26	Expression of DC-SIGN and DC-SIGNR on Human Sinusoidal Endothelium. <i>American Journal of Pathology</i> , 2006, 169, 200-208.	3.8	88
27	CX3CR1 and vascular adhesion protein-1-dependent recruitment of CD16+ monocytes across human liver sinusoidal endothelium. <i>Hepatology</i> , 2010, 51, 2030-2039.	7.3	79
28	Top-Down and Bottom-Up Identification of Proteins by Liquid Extraction Surface Analysis Mass Spectrometry of Healthy and Diseased Human Liver Tissue. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1953-1961.	2.8	78
29	Lymphocyte traffic through sinusoidal endothelial cells is regulated by hepatocytes. <i>Hepatology</i> , 2005, 41, 451-459.	7.3	77
30	Human intrahepatic regulatory T cells are functional, require IL-2 from effector cells for survival, and are susceptible to Fas ligand-mediated apoptosis. <i>Hepatology</i> , 2016, 64, 138-150.	7.3	72
31	The liver: a model of organ-specific lymphocyte recruitment. <i>Expert Reviews in Molecular Medicine</i> , 2002, 4, 1-15.	3.9	70
32	Dynamic regulation of canonical TGF β signalling by endothelial transcription factor ERG protects from liver fibrogenesis. <i>Nature Communications</i> , 2017, 8, 895.	12.8	70
33	Hepatic sinusoidal endothelium avidly binds platelets in an integrin-dependent manner, leading to platelet and endothelial activation and leukocyte recruitment. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G469-G478.	3.4	65
34	CCL25 and CCL28 promote α 4 β 7-integrin-dependent adhesion of lymphocytes to MAdCAM-1 under shear flow. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G1257-G1267.	3.4	64
35	Interactions of LSECtin and DC-SIGN/DC-SIGNR with viral ligands: Differential pH dependence, internalization and virion binding. <i>Virology</i> , 2008, 373, 189-201.	2.4	62
36	Adhesion of flowing leucocytes to immobilized platelets. <i>British Journal of Haematology</i> , 1995, 89, 725-732.	2.5	58

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37	Human mesenchymal stem cells are recruited to injured liver in a α 1-integrin and CD44 dependent manner. <i>Hepatology</i> , 2012, 56, 1063-1073.	7.3	57
38	Lymphocyte recruitment to the liver: Molecular insights into the pathogenesis of liver injury and hepatitis. <i>Toxicology</i> , 2008, 254, 136-146.	4.2	51
39	Vitronectin in human hepatic tumours contributes to the recruitment of lymphocytes in an α 3-independent manner. <i>British Journal of Cancer</i> , 2006, 95, 1545-1554.	6.4	50
40	The platelet receptor CLEC-2 blocks neutrophil mediated hepatic recovery in acetaminophen induced acute liver failure. <i>Nature Communications</i> , 2020, 11, 1939.	12.8	49
41	Recruitment mechanisms of primary and malignant B cells to the human liver. <i>Hepatology</i> , 2012, 56, 1521-1531.	7.3	45
42	Association between receptor density, cellular activation, and transformation of adhesive behavior of flowing lymphocytes binding to VCAM-1. <i>European Journal of Immunology</i> , 1997, 27, 1422-1426.	2.9	43
43	Adhesion of lymphocytes to hepatic endothelium. <i>Journal of Clinical Pathology</i> , 1999, 52, 214-219.	1.9	43
44	Changes in human hepatic metabolism in steatosis and cirrhosis. <i>World Journal of Gastroenterology</i> , 2017, 23, 2685.	3.3	35
45	Ketohexokinase inhibition improves NASH by reducing fructose-induced steatosis and fibrogenesis. <i>JHEP Reports</i> , 2021, 3, 100217.	4.9	34
46	Lymphocyte recruitment to the liver in alcoholic liver disease. <i>Alcohol</i> , 2002, 27, 29-36.	1.7	33
47	Adhesion of human haematopoietic (CD34+) stem cells to human liver compartments is integrin and CD44 dependent and modulated by CXCR3 and CXCR4. <i>Journal of Hepatology</i> , 2009, 51, 734-749.	3.7	33
48	Haematopoietic stem cell recruitment to injured murine liver sinusoids depends on α 1 integrin/VCAM-1 interactions. <i>Gut</i> , 2010, 59, 79-87.	12.1	32
49	Endothelial interactions of neutrophils under flow in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2005, 25, 612-617.	6.7	31
50	Non-enzymatic dissociation of human mesenchymal stromal cells improves chemokine-dependent migration and maintains immunosuppressive function. <i>Cytotherapy</i> , 2014, 16, 545-559.	0.7	30
51	A framework for tracer-based metabolism in mammalian cells by NMR. <i>Scientific Reports</i> , 2019, 9, 2520.	3.3	30
52	Murine Models of Acute Alcoholic Hepatitis and Their Relevance to Human Disease. <i>American Journal of Pathology</i> , 2016, 186, 748-760.	3.8	29
53	A Flow Adhesion Assay to Study Leucocyte Recruitment to Human Hepatic Sinusoidal Endothelium Under Conditions of Shear Stress. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	27
54	Heparin therapy for ulcerative colitis? Effects and mechanisms. <i>European Journal of Gastroenterology and Hepatology</i> , 2001, 13, 449-456.	1.6	25

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55	Formal Lithium Fixation Improves Direct Analysis of Lipids in Tissue by Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 7146-7153.	6.5	22
56	Dysregulated hepatic expression of glucose transporters in chronic disease: contribution of semicarbazide-sensitive amine oxidase to hepatic glucose uptake. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G1180-G1190.	3.4	22
57	LYMPHOCYTE HOMING TO ALLOGRAFTS1. <i>Transplantation</i> , 2000, 70, 1131-1139.	1.0	21
58	An In Vitro Model of Human Acute Ethanol Exposure That Incorporates CXCR3- and CXCR4-Dependent Recruitment of Immune Cells. <i>Toxicological Sciences</i> , 2013, 132, 131-141.	3.1	21
59	Mapping the Extracellular and Membrane Proteome Associated with the Vasculature and the Stroma in the Embryo. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2293-2312.	3.8	21
60	The regulation of T cell recruitment to the human liver during acute liver failure. <i>Liver International</i> , 2013, 33, 852-863.	3.9	19
61	Vascular Adhesion Protein-1 as a Potential Therapeutic Target in Liver Disease. <i>Annals of the New York Academy of Sciences</i> , 2007, 1110, 485-496.	3.8	18
62	Expression of tissue factor pathway inhibitor-2 in murine and human liver regulation during inflammation. <i>Thrombosis and Haemostasis</i> , 2004, 91, 569-575.	3.4	17
63	A novel mechanism of erythrocyte capture from circulation in humans. <i>Experimental Hematology</i> , 2008, 36, 111-118.	0.4	17
64	De novo growth of a large preperitoneal lipoleiomyoma of the abdominal wall. <i>Gynecologic Oncology</i> , 2005, 97, 719-721.	1.4	15
65	Functional Consequences of Human Lymphocyte Cryopreservation. <i>Journal of Immunotherapy</i> , 2011, 34, 588-596.	2.4	14
66	Adhesion between Leucocytes and Platelets: Rheology, Mechanisms and Consequences. <i>Mikrozkulation in Forschung Und Klinik</i> , 1996, 22, 98-113.	0.1	11
67	Identifying Homing Interactions in T-Cell Traffic in Human Disease. <i>Methods in Molecular Biology</i> , 2010, 616, 231-252.	0.9	9
68	Application of HepG2/C3A liver spheroids as a model system for genotoxicity studies. <i>Toxicology Letters</i> , 2021, 345, 34-45.	0.8	8
69	The Contribution of Liver Sinusoidal Endothelial Cells to Clearance of Therapeutic Antibody. <i>Frontiers in Physiology</i> , 2021, 12, 753833.	2.8	8
70	Inhibition of vascular adhesion protein-1 modifies hepatic steatosis in vitro and in vivo. <i>World Journal of Hepatology</i> , 2020, 12, 931-948.	2.0	7
71	Alcoholic hepatitis and metabolic disturbance in female mice : a more tractable model than <i>Nrf2</i> ^{-/-} animals. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	4
72	Introduction to Lymphocyte Trafficking in Disease. <i>Methods in Molecular Biology</i> , 2017, 1591, 169-176.	0.9	3

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73	Role of CLEC-2-driven platelet activation in the pathogenesis of toxic liver damage. <i>Lancet, The</i> , 2017, 389, S33.	13.7	2
74	The Impact of the NLRP3 Pathway in the Pathogenesis of Non-Alcoholic Fatty Liver Disease and Alcohol-Related Liver Disease. <i>Livers</i> , 2021, 1, 68-81.	1.9	2
75	P88 Vascular adhesion protein-1 (VAP-1) modulates glucose and lipid uptake in Non-Alcoholic Fatty Liver Disease (NAFLD). <i>Gut</i> , 2011, 60, A40-A41.	12.1	1
76	PMO-033â€¦Glucose and lipid regulation is modulated by vascular adhesion protein-1 (VAP1) in non-alcoholic fatty liver disease (NAFLD). <i>Gut</i> , 2012, 61, A86.3-A87.	12.1	1
77	1233 5-ALPHA-REDUCTASE-1 KNOCKOUT PROTECTS AGAINST HEPATOCARCINOGENESIS IN A MURINE MODEL OF NASH. <i>Journal of Hepatology</i> , 2012, 56, S488-S489.	3.7	1
78	Using Ex Vivo Liver Organ Cultures to Measure Lymphocyte Trafficking. <i>Methods in Molecular Biology</i> , 2017, 1591, 177-194.	0.9	1
79	Blocking platelet activation enhances neutrophil driven liver repair after acute toxic liver injury. <i>Journal of Hepatology</i> , 2017, 66, S333.	3.7	1
80	Could endothelial TGFÎ² signaling be a promising new target for liver disease?. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 637-639.	3.0	1
81	Models for Predicting Risk of Acute Kidney Injury after Liver Surgery. <i>OBM Hepatology and Gastroenterology</i> , 2018, 2, 1-1.	0.0	1
82	In vitro modelling of leukocyte recruitment to hepatic endothelial cells under conditions of shear stress. <i>Journal of Hepatology</i> , 2000, 32, 79.	3.7	0
83	Dynamic of adhesion of lymphocytes activated with the novel chemokine CXCL16 to VCAM. <i>Journal of Hepatology</i> , 2003, 38, 15.	3.7	0
84	17 Chemokine dependent recruitment of dendritic cell precursors across human liver sinusoidal endothelium. <i>Journal of Hepatology</i> , 2006, 44, S9.	3.7	0
85	[28] THE SINUSOIDAL PHENOTYPE OF HUMAN LSEC AND THEIR ABILITY TO RECRUIT IMMUNE CELLS IS REGULATED BY HEPATOCYTES. <i>Journal of Hepatology</i> , 2007, 46, S14.	3.7	0
86	[103] HUMAN LIVER MYOFIBROBLASTS UPREGULATE ENDOTHELIAL RECRUITMENT OF LEUKOCYTES VIA CXCR AND PROMOTE INTEGRIN DEPENDENT LYMPHOCYTE CAPTURE FROM FLOW. <i>Journal of Hepatology</i> , 2007, 46, S46.	3.7	0
87	442 ROLE OF AMINE OXIDASES IN DRIVING MUCOSAL T CELL RECRUITMENT IN LIVER DISEASE COMPLICATING INFLAMMATORY BOWEL DISEASE. <i>Journal of Hepatology</i> , 2010, 52, S179.	3.7	0
88	447 THE SCAVENGER RECEPTOR CLEVER-1 PLAYS A ROLE IN THE TRANSMIGRATION OF CD4 LYMPHOCYTES AND B CELLS ACROSS HEPATIC SINUSOIDAL ENDOTHELIUM. <i>Journal of Hepatology</i> , 2010, 52, S181.	3.7	0
89	P102 CLEVER-1 mediates the transmigration of B cells across human hepatic sinusoidal endothelium. <i>Gut</i> , 2011, 60, A47-A48.	12.1	0
90	P85 Human mesenchymal stem cells bind preferentially to injured liver in a Î±1-integrin and CD44 dependent manner. <i>Gut</i> , 2011, 60, A39-A39.	12.1	0

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91	P87 Vascular Adhesion Protein-1 promotes increases in liver infiltrating CD4+ T cells and NKT cells and induction of fibrogenesis in steatohepatitis. <i>Gut</i> , 2011, 60, A40-A40.	12.1	0
92	PMO-138...The molecular mechanisms of B cell and B cell lymphoma recruitment to the human liver. <i>Gut</i> , 2012, 61, A129.1-A129.	12.1	0
93	PMO-139...Human cytomegalovirus infection of human hepatic sinusoidal endothelial cells promotes CD4 T cell adhesion and transmigration. <i>Gut</i> , 2012, 61, A129.2-A129.	12.1	0
94	410 P1-INTEGRINS AND BASAL CELL ADHESION MOLECULE PLAY A ROLE IN THE ADHESION OF ES CELL-DERIVED HEPATOCYTE-LIKE CELLS TO ECM AND HEPATIC SINUSOIDAL CELLS. <i>Journal of Hepatology</i> , 2012, 56, S164.	3.7	0
95	772 HUMAN CYTOMEGALOVIRUS INFECTION OF HUMAN HEPATIC SINUSOIDAL ENDOTHELIAL CELLS PROMOTES LYMPHOCYTE ADHESION AND TRANSMIGRATION. <i>Journal of Hepatology</i> , 2012, 56, S303.	3.7	0
96	811 THE MOLECULAR MECHANISMS OF B CELL AND B CELL LYMPHOMA RECRUITMENT TO THE HUMAN LIVER. <i>Journal of Hepatology</i> , 2012, 56, S317.	3.7	0
97	PMO-134...Basal cell adhesion molecule and b1-integrins regulate the adhesion of ES cell-derived hepatocyte-like cells to extracellular matrix and hepatic sinusoidal cells. <i>Gut</i> , 2012, 61, A127.2-A127.	12.1	0
98	Common lymphatic endothelial and vascular endothelial receptor-1 mediates the transmigration of regulatory T cells and B cells across hepatic sinusoidal endothelium. <i>Lancet, The</i> , 2013, 381, S99.	13.7	0
99	PTU-140...Intrahepatic Tregs Are Plastic But Functional And Biliary Epithelial Cells Support Their Fate. <i>Gut</i> , 2014, 63, A100.1-A100.	12.1	0
100	Lymphotoxin- β 2 receptor signalling links steatohepatitis, hyper-lipidemia and atherosclerosis. <i>Atherosclerosis</i> , 2014, 232, e4.	0.8	0
101	P616 TGF β 21 STIMULATION OF HUMAN BONE MARROW MESENCHYMAL STEM CELLS (MSC) ENHANCES THEIR HEPATIC ENGRAFTMENT AND THERAPEUTIC EFFECT IN INJURED LIVER VIA UPREGULATION OF CXCR3 FUNCTION. <i>Journal of Hepatology</i> , 2014, 60, S274.	3.7	0
102	In Vitro and Ex Vivo Models to Study T Cell Migration Through the Human Liver Parenchyma. <i>Methods in Molecular Biology</i> , 2017, 1591, 195-214.	0.9	0
103	Development of a novel murine model of acute alcoholic hepatitis. <i>Journal of Hepatology</i> , 2017, 66, S115.	3.7	0
104	Vascular adhesion protein-1 mediates adhesion and transmigration of lymphocytes on human hepatic endothelial cells. <i>Journal of Hepatology</i> , 2001, 34, 212.	3.7	0
105	An inflammation-induced mechanism for leukocyte transmigration across lymphatic vessel endothelium. <i>Journal of Cell Biology</i> , 2006, 175, i11-i11.	5.2	0
106	Editorial: Roles of Liver Sinusoidal Endothelial Cells in Liver Homeostasis and Disease. <i>Frontiers in Physiology</i> , 2022, 13, 869473.	2.8	0