

Ian D Mcgilvray

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

7,333
citations

81900

39
h-index

58581

82
g-index

106
all docs

106
docs citations

106
times ranked

11756
citing authors

#	ARTICLE	IF	CITATIONS
1	Single cell RNA sequencing of human liver reveals distinct intrahepatic macrophage populations. <i>Nature Communications</i> , 2018, 9, 4383.	12.8	958
2	Nanoparticle-liver interactions: Cellular uptake and hepatobiliary elimination. <i>Journal of Controlled Release</i> , 2016, 240, 332-348.	9.9	869
3	Mechanism of hard-nanomaterial clearance by the liver. <i>Nature Materials</i> , 2016, 15, 1212-1221.	27.5	686
4	Hepatic Gene Expression Discriminates Responders and Nonresponders in Treatment of Chronic Hepatitis C Viral Infection. <i>Gastroenterology</i> , 2005, 128, 1437-1444.	1.3	433
5	The extended Toronto criteria for liver transplantation in patients with hepatocellular carcinoma: A prospective validation study. <i>Hepatology</i> , 2016, 64, 2077-2088.	7.3	256
6	Liver Transplantation for Advanced Hepatocellular Carcinoma Using Poor Tumor Differentiation on Biopsy as an Exclusion Criterion. <i>Annals of Surgery</i> , 2011, 253, 166-172.	4.2	245
7	Nonopsonic monocyte/macrophage phagocytosis of <i>Plasmodium falciparum</i> -parasitized erythrocytes: a role for CD36 in malarial clearance. <i>Blood</i> , 2000, 96, 3231-3240.	1.4	229
8	Phenotype Determines Nanoparticle Uptake by Human Macrophages from Liver and Blood. <i>ACS Nano</i> , 2017, 11, 2428-2443.	14.6	180
9	Normothermic ex vivo liver perfusion using steen solution as perfusate for human liver transplantation: First North American results. <i>Liver Transplantation</i> , 2016, 22, 1501-1508.	2.4	167
10	Silencing of USP18 Potentiates the Antiviral Activity of Interferon Against Hepatitis C Virus Infection. <i>Gastroenterology</i> , 2006, 131, 1584-1591.	1.3	154
11	Murine Hepatitis Virus Strain 1 Produces a Clinically Relevant Model of Severe Acute Respiratory Syndrome in A/J Mice. <i>Journal of Virology</i> , 2006, 80, 10382-10394.	3.4	152
12	Accuracy of Staging as a Predictor for Recurrence After Liver Transplantation for Hepatocellular Carcinoma. <i>Transplantation</i> , 2006, 81, 1633-1639.	1.0	118
13	Live Donor Liver Transplantation in High MELD Score Recipients. <i>Annals of Surgery</i> , 2010, 251, 153-157.	4.2	101
14	Cell-Type Specific Gene Expression Signature in Liver Underlies Response to Interferon Therapy in Chronic Hepatitis C Infection. <i>Gastroenterology</i> , 2010, 138, 1123-1133.e3.	1.3	99
15	Single-Cell, Single-Nucleus, and Spatial RNA Sequencing of the Human Liver Identifies Cholangiocyte and Mesenchymal Heterogeneity. <i>Hepatology Communications</i> , 2022, 6, 821-840.	4.3	98
16	A graft to body weight ratio less than 0.8 does not exclude adult-to-adult right-lobe living donor liver transplantation. <i>Liver Transplantation</i> , 2009, 15, 1776-1782.	2.4	96
17	Outcomes of radiofrequency ablation as first-line therapy for hepatocellular carcinoma less than 3 cm in potentially transplantable patients. <i>Journal of Hepatology</i> , 2019, 70, 866-873.	3.7	96
18	ISG15, a ubiquitin-like interferon-stimulated gene, promotes hepatitis C virus production in vitro: implications for chronic infection and response to treatment. <i>Journal of General Virology</i> , 2010, 91, 382-388.	2.9	95

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19	Radiotherapy as a bridge to liver transplantation for hepatocellular carcinoma. <i>Transplant International</i> , 2010, 23, 299-306.	1.6	89
20	Living-Donor Right Hepatectomy with or without Inclusion of Middle Hepatic Vein: Comparison of Morbidity and Outcome in 56 Patients. <i>American Journal of Transplantation</i> , 2004, 4, 751-757.	4.7	85
21	Analysis and Outcomes of Right Lobe Hepatectomy in 101 Consecutive Living Donors. <i>American Journal of Transplantation</i> , 2005, 5, 2764-2769.	4.7	81
22	The novel CD4+CD25+ regulatory T cell effector molecule fibrinogen-like protein 2 contributes to the outcome of murine fulminant viral hepatitis. <i>Hepatology</i> , 2009, 49, 387-397.	7.3	78
23	N-ACETYL CYSTEINE ATTENUATES ACUTE LUNG INJURY IN THE RAT. <i>Shock</i> , 1997, 8, 432-438.	2.1	72
24	Altered hepatic genes related to retinol metabolism and plasma retinol in patients with non-alcoholic fatty liver disease. <i>PLoS ONE</i> , 2018, 13, e0205747.	2.5	71
25	Live donor liver transplantation for patients with hepatocellular carcinoma offers increased survival vs. deceased donation. <i>Journal of Hepatology</i> , 2019, 70, 666-673.	3.7	66
26	The difference in the fibrosis progression of recurrent hepatitis C after live donor liver transplantation versus deceased donor liver transplantation is attributable to the difference in donor age. <i>Liver Transplantation</i> , 2008, 14, 1778-1786.	2.4	65
27	Living donor liver transplantation versus deceased donor liver transplantation for hepatocellular carcinoma: Comparable survival and recurrence. <i>Liver Transplantation</i> , 2012, 18, 315-322.	2.4	65
28	Expanding the donor pool: Donation after circulatory death and living liver donation do not compromise the results of liver transplantation. <i>Liver Transplantation</i> , 2018, 24, 779-789.	2.4	65
29	Hepatic Cellâ€™Type Specific Gene Expression Better Predicts HCV Treatment Outcome Than IL28B Genotype. <i>Gastroenterology</i> , 2012, 142, 1122-1131.e1.	1.3	61
30	The ISG15/USP18 ubiquitin-like pathway (ISGylation system) in Hepatitis C Virus infection and resistance to interferon therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1427-1431.	2.8	54
31	Recipient age affects long-term outcome and hepatitis C recurrence in old donor livers following transplantation. <i>Liver Transplantation</i> , 2009, 15, 1288-1295.	2.4	53
32	Protective effects of long pentraxin PTX3 on lung injury in a severe acute respiratory syndrome model in mice. <i>Laboratory Investigation</i> , 2012, 92, 1285-1296.	3.7	50
33	Generation of Functional Liver Sinusoidal Endothelial Cells from Human Pluripotent Stem-Cell-Derived Venous Angioblasts. <i>Cell Stem Cell</i> , 2020, 27, 254-269.e9.	11.1	50
34	Recipient and Donor Outcomes After Living-Donor Liver Transplant for Unresectable Colorectal Liver Metastases. <i>JAMA Surgery</i> , 2022, 157, 524.	4.3	48
35	Murine Hepatitis Virus Strain 3 Induces the Macrophage Prothrombinase fgl-2 through p38 Mitogen-activated Protein Kinase Activation. <i>Journal of Biological Chemistry</i> , 1998, 273, 32222-32229.	3.4	47
36	Fulminant viral hepatitis: molecular and cellular basis, and clinical implications. <i>Expert Reviews in Molecular Medicine</i> , 2001, 3, 1-19.	3.9	47

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37	Role of Magnetic Resonance Cholangiography in Assessing Biliary Anatomy in Right Lobe Living Donors. <i>Transplantation</i> , 2005, 79, 1417-1421.	1.0	45
38	The New Era of Transplant Oncology: Liver Transplantation for Nonresectable Colorectal Cancer Liver Metastases. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2018, 2018, 1-7.	1.9	43
39	Donor outcomes in anonymous live liver donation. <i>Journal of Hepatology</i> , 2019, 71, 951-959.	3.7	43
40	FGL2/Fibroleukin mediates hepatic reperfusion injury by induction of sinusoidal endothelial cell and hepatocyte apoptosis in mice. <i>Journal of Hepatology</i> , 2012, 56, 153-159.	3.7	41
41	Role of the Coagulation System in the Local and Systemic Inflammatory Response. <i>World Journal of Surgery</i> , 1998, 22, 179-186.	1.6	38
42	Proteasome Inhibition <i>In Vivo</i> Promotes Survival in a Lethal Murine Model of Severe Acute Respiratory Syndrome. <i>Journal of Virology</i> , 2010, 84, 12419-12428.	3.4	38
43	Surgical Complications after Right Hepatectomy for Live Liver Donation: Largest Single-Center Western World Experience. <i>Seminars in Liver Disease</i> , 2018, 38, 134-144.	3.6	38
44	The Impact of Preexisting and Post-transplant Diabetes Mellitus on Outcomes Following Liver Transplantation. <i>Transplantation</i> , 2019, 103, 2523-2530.	1.0	37
45	Liver transplantation in patients with end-stage liver disease requiring intensive care unit admission and intubation. <i>Liver Transplantation</i> , 2015, 21, 761-767.	2.4	36
46	Thymoglobulin Versus Basiliximab Induction Therapy for Simultaneous Kidney-Pancreas Transplantation: Impact on Rejection, Graft Function, and Long-Term Outcome. <i>Transplantation</i> , 2011, 92, 1039-1043.	1.0	36
47	Live Donor Liver Transplantation With Older (>50 Years) Versus Younger (<50 Years) Donors. <i>Annals of Surgery</i> , 2016, 263, 979-985.	4.2	35
48	Optimizing Pancreas Transplantation Outcomes in Obese Recipients. <i>Transplantation</i> , 2015, 99, 1282-1287.	1.0	30
49	Lipopolysaccharide and Tumor Necrosis Factor Alpha Inhibit Interferon Signaling in Hepatocytes by Increasing Ubiquitin-Like Protease 18 (USP18) Expression. <i>Journal of Virology</i> , 2016, 90, 5549-5560.	3.4	30
50	Polyomavirus Infection and Acute Vascular Rejection in a Kidney Allograft: Coincidence or Mimicry?. <i>American Journal of Transplantation</i> , 2003, 3, 501-504.	4.7	28
51	The prescription of medical cannabis by a transitional pain service to wean a patient with complex pain from opioid use following liver transplantation: a case report. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 307-310.	1.6	28
52	Liver resection after chemotherapy and tumour downsizing in patients with initially unresectable colorectal cancer liver metastases. <i>Hpb</i> , 2014, 16, 475-480.	0.3	27
53	Duodenal leaks after pancreas transplantation with enteric drainage - characteristics and risk factors. <i>Transplant International</i> , 2015, 28, 720-728.	1.6	26
54	Cancer-related gene expression is associated with disease severity and modifiable lifestyle factors in non-alcoholic fatty liver disease. <i>Nutrition</i> , 2019, 62, 100-107.	2.4	26

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55	Liver Transplantation is Equally Effective as a Salvage Therapy for Patients with Hepatocellular Carcinoma Recurrence Following Radiofrequency Ablation or Liver Resection with Curative Intent. <i>Annals of Surgical Oncology</i> , 2018, 25, 991-999.	1.5	25
56	Extreme hepatic resections for the treatment of advanced hepatoblastoma: Are planned close margins an acceptable approach?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26820.	1.5	25
57	Cytomegalovirus infection postâ€pancreasâ€kidney transplantation â€ results of antiviral prophylaxis in highâ€risk patients. <i>Clinical Transplantation</i> , 2013, 27, 503-509.	1.6	24
58	Living Donor Liver Transplantation Using Selected Grafts With 2 Bile Ducts Compared With 1 Bile Duct Does Not Impact Patient Outcome. <i>Liver Transplantation</i> , 2018, 24, 1512-1522.	2.4	23
59	Neoadjuvant therapy and major arterial resection for potentially reconstructable arterial involvement by stage 3 adenocarcinoma of the pancreas. <i>Hpb</i> , 2019, 21, 643-652.	0.3	22
60	Characteristics of liver transplant candidates delisted following recompensation and predictors of such delisting in alcohol-related liver disease: a case-control study. <i>Transplant International</i> , 2017, 30, 1140-1149.	1.6	21
61	Monocyte Adhesion and Transmigration Induce Tissue Factor Expression: Role of the Mitogen-Activated Protein Kinases. <i>Shock</i> , 2002, 18, 51-57.	2.1	20
62	Nanoparticle Uptake in a Spontaneous and Immunocompetent Woodchuck Liver Cancer Model. <i>ACS Nano</i> , 2020, 14, 4698-4715.	14.6	20
63	Activation of endogenous type I IFN signaling contributes to persistent HCV infection. <i>Reviews in Medical Virology</i> , 2014, 24, 332-342.	8.3	19
64	Protein Interferon-Stimulated Gene 15 Conjugation Delays but Does Not Overcome Coronavirus Proliferation in a Model of Fulminant Hepatitis. <i>Journal of Virology</i> , 2014, 88, 6195-6204.	3.4	18
65	Critical care of the liver transplant patient: an update. <i>Current Opinion in Critical Care</i> , 2002, 8, 178-182.	3.2	16
66	Pancreas-After-Kidney Versus Synchronous Pancreas-Kidney Transplantation. <i>Transplantation</i> , 2013, 95, 489-494.	1.0	16
67	The Effect of Recipient Age on Outcome After Pancreas Transplantation. <i>Transplantation</i> , 2015, 99, e13-e14.	1.0	16
68	Liver Transplantation is a Preferable Alternative to Palliative Therapy for Selected Patients with Advanced Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 1843-1851.	1.5	14
69	Mesenchymal stromal cell therapy to promote cardiac tissue regeneration and repair. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 86-96.	1.6	14
70	Preserving the Pancreas Graft: Outcomes of Surgical Repair of Duodenal Leaks in Enterically Drained Pancreas Allografts. <i>Transplantation Direct</i> , 2017, 3, e179.	1.6	14
71	Splenectomy as Flow Modulation Strategy and Risk Factors of De Novo Portal Vein Thrombosis in Adultâ€toâ€Adult Living Donor Liver Transplantation. <i>Liver Transplantation</i> , 2018, 24, 1209-1220.	2.4	14
72	Renal Dysfunction After Liver Transplantation: Effect of Donor Type. <i>Liver Transplantation</i> , 2020, 26, 799-810.	2.4	13

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73	Superior Long-Term Outcomes of Adult Living Donor Liver Transplantation: A Cumulative Single-Center Cohort Study With 20 Years of Follow-Up. <i>Liver Transplantation</i> , 2022, 28, 834-842.	2.4	13
74	High preoperative bilirubin values protect against reperfusion injury after live donor liver transplantation. <i>Transplant International</i> , 2015, 28, 1317-1325.	1.6	12
75	Recipient factors associated with having a potential living donor for liver transplantation. <i>Liver Transplantation</i> , 2015, 21, 897-903.	2.4	12
76	Mapping of hepatic vasculature in potential living liver donors: comparison of gadoxetic acid-enhanced MR imaging using CAIPIRINHA technique with CT angiography. <i>Abdominal Radiology</i> , 2018, 43, 1682-1692.	2.1	11
77	Avoiding ICU Admission by Using a Fast-Track Protocol Is Safe in Selected Adult-to-Adult Live Donor Liver Transplant Recipients. <i>Transplantation Direct</i> , 2017, 3, e213.	1.6	10
78	Murine Hepatitis Virus Strain 1 as a Model for Severe Acute Respiratory Distress Syndrome (Sars). <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 373-378.	1.6	9
79	Outcomes of Pancreas Replantation After Simultaneous Kidney-Pancreas Transplantation Are Comparable to Pancreas After Kidney Transplantation Alone. <i>Transplantation</i> , 2015, 99, 623-628.	1.0	8
80	IFN-λ: A New Class of Interferon with Distinct Functions-Implications for Hepatitis C Virus Research. <i>Gastroenterology Research and Practice</i> , 2015, 2015, 1-9.	1.5	8
81	The Role of Coagulation in Systemic Inflammation: A Review of the Experimental Evidence. <i>Sepsis</i> , 1998, 2, 199-208.	0.5	7
82	Creating an animation-enhanced video library of hepato-pancreato-biliary and transplantation surgical procedures. <i>Journal of Visual Communication in Medicine</i> , 2016, 39, 27-32.	0.6	7
83	Renal outcomes following left renal vein harvest for venous reconstruction during pancreas and liver surgery. <i>Hpb</i> , 2019, 21, 114-120.	0.3	7
84	Metastatic low-grade endometrial stromal sarcoma of uterus presenting as a primary pancreatic tumor: case presentation and literature review. <i>Diagnostic Pathology</i> , 2019, 14, 30.	2.0	7
85	Management and surveillance of non-functional pancreatic neuroendocrine tumours: Retrospective review. <i>Pancreatology</i> , 2019, 19, 360-366.	1.1	7
86	Effect of vessel preservation on splenic volume and function in patients with spleen preserving distal pancreatectomies. <i>Hpb</i> , 2020, 22, 1563-1568.	0.3	7
87	Signaling Pathways of Tissue Factor Expression in Monocytes and Macrophages. <i>Sepsis</i> , 1999, 3, 93-101.	0.5	6
88	Ubiquitin-like protein modifiers and their potential for antiviral and anti-HCV therapy. <i>Expert Review of Proteomics</i> , 2013, 10, 275-287.	3.0	6
89	The significance of preoperative coronary interventions on outcome after pancreas transplantation. <i>Clinical Transplantation</i> , 2016, 30, 233-240.	1.6	6
90	The Ubiquitin-Specific Protease 18 Promotes Hepatitis C Virus Production by Increasing Viral Infectivity. <i>Mediators of Inflammation</i> , 2019, 2019, 1-12.	3.0	6

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91	Outcomes of Highly Selected Live Donors With a Future Liver Remnant Less Than or Equal to 30%: A Matched Cohort Study. <i>Transplantation</i> , 2021, 105, 2397-2403.	1.0	6
92	Should We Exclude Live Donor Liver Transplantation for Liver Transplant Recipients Requiring Mechanical Ventilation and Intensive Care Unit Care?. <i>Transplantation Direct</i> , 2015, 1, e30.	1.6	5
93	Early Allograft Dysfunction After Liver Transplantation With Donation After Circulatory Death and Brain Death Grafts: Does the Donor Type Matter?. <i>Transplantation Direct</i> , 2021, 7, e727.	1.6	5
94	Liver Retransplantation Using Living Donor Grafts: A Western Experience. <i>Liver Transplantation</i> , 2022, 28, 887-890.	2.4	5
95	Visualising a rare and complex case of advanced hilar cholangiocarcinoma. <i>Journal of Visual Communication in Medicine</i> , 2017, 40, 26-31.	0.6	3
96	Depicting surgical anatomy of the porta hepatis in living donor liver transplantation. <i>Journal of Visualized Surgery</i> , 2017, 4, 43-43.	0.2	3
97	Live donor liver transplantation with older donors: Increased long-term graft loss due to <scp>HCV</scp> recurrence. <i>Clinical Transplantation</i> , 2018, 32, e13304.	1.6	3
98	Management of infection in the surgical patient: an update. <i>Surgical Technology International</i> , 2003, 11, 39-43.	0.2	3
99	Nonopsonic monocyte/macrophage phagocytosis of Plasmodium falciparum- parasitized erythrocytes: a role for CD36 in malarial clearance. <i>Blood</i> , 2000, 96, 3231-3240.	1.4	2
100	Mo1738 Risk-Benefit Assessment of the Use of Intraperitoneal Drainage After Pancreaticoduodenectomy. <i>Gastroenterology</i> , 2013, 144, S-1103.	1.3	1
101	Intravenous leiomyomatosis with cardiac extension. <i>Vasa - European Journal of Vascular Medicine</i> , 2015, 44, 151-155.	1.4	1
102	Ex vivo and in situ hypothermic hepatic resection. , 2012, , 1587-1600.e1.		0
103	Management of Infection in the Surgical Patient. <i>Surgical Technology International</i> , 2000, IX, 165-169.	0.2	0
104	The Human Male Liver Is Predisposed to Inflammation Via Enhanced Myeloid Responses to Inflammatory Triggers. <i>Frontiers in Immunology</i> , 2022, 13, 818612.	4.8	0