

Graeme A Macdonald

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

6,128
citations

94381

37
h-index

71651

76
g-index

127
all docs

127
docs citations

127
times ranked

7481
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased hepatic iron concentration in nonalcoholic steatohepatitis is associated with increased fibrosis. <i>Gastroenterology</i> , 1998, 114, 311-318.	0.6	636
2	Fibrosis in chronic hepatitis C correlates significantly with body mass index and steatosis. <i>Hepatology</i> , 1999, 29, 1215-1219.	3.6	623
3	Adiponectin - a key adipokine in the metabolic syndrome. <i>Diabetes, Obesity and Metabolism</i> , 2006, 8, 264-280.	2.2	543
4	Effect of weight reduction on liver histology and biochemistry in patients with chronic hepatitis C. <i>Gut</i> , 2002, 51, 89-94.	6.1	259
5	Resveratrol Does Not Benefit Patients With Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 2092-2103.e6.	2.4	237
6	Prognostic significance of extensive microsatellite instability in sporadic clinicopathological stage C colorectal cancer. <i>British Journal of Surgery</i> , 2002, 87, 1197-1202.	0.1	189
7	Effect of Hookworm Infection on Wheat Challenge in Celiac Disease – A Randomised Double-Blinded Placebo Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e17366.	1.1	188
8	Adiponectin Multimerization Is Dependent on Conserved Lysines in the Collagenous Domain: Evidence for Regulation of Multimerization by Alterations in Posttranslational Modifications. <i>Molecular Endocrinology</i> , 2006, 20, 1673-1687.	3.7	162
9	Review of genetic and epigenetic alterations in hepatocarcinogenesis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2006, 21, 15-21.	1.4	141
10	Impact of Diabetes on the Severity of Liver Disease. <i>American Journal of Medicine</i> , 2007, 120, 829-834.	0.6	139
11	Lipid peroxidation in hepatic steatosis in humans is associated with hepatic fibrosis and occurs predominately in acinar zone 3. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 599-606.	1.4	134
12	Steatosis and chronic hepatitis C: analysis of fibrosis and stellate cell activation. <i>Journal of Hepatology</i> , 2001, 34, 314-320.	1.8	133
13	Leptin and the risk of Barrett's oesophagus. <i>Gut</i> , 2007, 57, 448-454.	6.1	126
14	Exercise capacity and muscle strength in patients with cirrhosis. <i>Liver Transplantation</i> , 2012, 18, 146-151.	1.3	109
15	Sertraline treatment of interferon- α -induced depressive disorder. <i>Medical Journal of Australia</i> , 2000, 173, 359-361.	0.8	107
16	Microsatellite instability and loss of heterozygosity at DNA mismatch repair gene loci occurs during hepatic carcinogenesis. <i>Hepatology</i> , 1998, 28, 90-97.	3.6	101
17	EDD, the human orthologue of the hyperplastic discs tumour suppressor gene, is amplified and overexpressed in cancer. <i>Oncogene</i> , 2003, 22, 5070-5081.	2.6	95
18	Whole-body substrate metabolism is associated with disease severity in patients with non-alcoholic fatty liver disease. <i>Gut</i> , 2013, 62, 1625-1633.	6.1	87

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19	Detection of male DNA in the liver of female patients with primary biliary cirrhosis. <i>Journal of Hepatology</i> , 2000, 33, 690-695.	1.8	86
20	Characterising adrenal function using directly measured plasma free cortisol in stable severe liver disease. <i>Journal of Hepatology</i> , 2010, 53, 841-848.	1.8	85
21	Symptom Prevalence and Clustering of Symptoms in People Living with Chronic Hepatitis C Infection. <i>Journal of Pain and Symptom Management</i> , 2006, 31, 335-344.	0.6	79
22	Glucose uptake and insulin action in human adipose tissue— influence of BMI, anatomical depot and body fat distribution. <i>International Journal of Obesity</i> , 2002, 26, 17-23.	1.6	69
23	Low level microsatellite instability may be associated with reduced cancer specific survival in sporadic stage C colorectal carcinoma. <i>Gut</i> , 2005, 54, 103-108.	6.1	59
24	Olanzapine Treatment is Associated with Reduced High Molecular Weight Adiponectin in Serum. <i>Journal of Clinical Psychopharmacology</i> , 2006, 26, 232-237.	0.7	59
25	The serum hepcidin:ferritin ratio is a potential biomarker for cirrhosis. <i>Liver International</i> , 2012, 32, 1391-1399.	1.9	55
26	Systematic Review and Meta-Analysis: Prevalence of Small Intestinal Bacterial Overgrowth in Chronic Liver Disease. <i>Seminars in Liver Disease</i> , 2017, 37, 388-400.	1.8	55
27	High Molecular Weight Adiponectin Correlates with Insulin Sensitivity in Patients with Hepatitis C Genotype 3, But Not Genotype 1 Infection. <i>American Journal of Gastroenterology</i> , 2005, 100, 2717-2723.	0.2	52
28	Effects of Antibiotic Therapy in Primary Sclerosing Cholangitis with and without Inflammatory Bowel Disease: A Systematic Review and Meta-Analysis. <i>Seminars in Liver Disease</i> , 2019, 39, 432-441.	1.8	52
29	Pathogenesis of Hepatocellular Carcinoma. <i>Clinics in Liver Disease</i> , 2001, 5, 69-85.	1.0	50
30	Targeting the Gut Microbiome as a Treatment for Primary Sclerosing Cholangitis: A Conceptual Framework. <i>American Journal of Gastroenterology</i> , 2020, 115, 814-822.	0.2	48
31	The role of Doppler left ventricular filling indexes and Doppler tissue echocardiography in the assessment of cardiac involvement in hereditary hemochromatosis. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 884-890.	1.2	46
32	Living with chronic hepatitis C means 'you just haven't got a normal life any more'. <i>Chronic Illness</i> , 2006, 2, 121-131.	0.6	46
33	Cardiovascular mortality following liver transplantation: predictors and temporal trends over 30 years. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020, 6, 243-253.	1.8	45
34	p73 Is up-regulated in a subset of hepatocellular carcinomas. <i>Hepatology</i> , 2000, 31, 601-605.	3.6	44
35	Mini-microabscess syndrome in liver transplant recipients. <i>Hepatology</i> , 1997, 26, 192-197.	3.6	43
36	Sialic Acid Modification of Adiponectin Is Not Required for Multimerization or Secretion but Determines Half-Life in Circulation. <i>Molecular Endocrinology</i> , 2010, 24, 229-239.	3.7	43

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37	Predictors of deferral of treatment for hepatitis C infection in Australian clinics. <i>Medical Journal of Australia</i> , 2011, 194, 398-402.	0.8	42
38	Assessment of hepatic steatosis: comparison of quantitative and semiquantitative methods in 108 liver biopsies. <i>Liver International</i> , 2009, 29, 530-535.	1.9	39
39	Non-alcoholic fatty liver disease: Prevalence and all-cause mortality according to sedentary behaviour and cardiorespiratory fitness. The HUNT Study. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 127-134.	1.6	38
40	The risk of Barrett's esophagus associated with abdominal obesity in males and females. <i>International Journal of Cancer</i> , 2013, 132, 2192-2199.	2.3	37
41	HLA-DR expression is associated with better prognosis in sporadic Australian clinicopathological Stage C colorectal cancers. <i>International Journal of Cancer</i> , 2009, 125, 1231-1237.	2.3	35
42	Increasing Incidence of Nonalcoholic Steatohepatitis as an Indication for Liver Transplantation in Australia and New Zealand. <i>Liver Transplantation</i> , 2019, 25, 25-34.	1.3	35
43	No evidence of increased risk of colorectal cancer in individuals heterozygous for the Cys282Tyr haemochromatosis mutation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1999, 14, 1188-1191.	1.4	30
44	Additive impact of pre-liver transplant metabolic factors on survival post-liver transplant. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 1016-1024.	1.4	30
45	Severe acute liver injury associated with lumiracoxib. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 1102-1105.	1.4	28
46	Duodenal bacterial load as determined by quantitative polymerase chain reaction in asymptomatic controls, functional gastrointestinal disorders and inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 155-167.	1.9	28
47	Altered clot kinetics in patients with non-alcoholic fatty liver disease. <i>Annals of Hepatology</i> , 2009, 8, 331-338.	0.6	27
48	Hepatitis C treatment outcomes in Australian clinics. <i>Medical Journal of Australia</i> , 2012, 196, 633-637.	0.8	27
49	Cerebral benzodiazepine receptor binding in vivo in patients with recurrent hepatic encephalopathy. <i>Hepatology</i> , 1997, 26, 277-282.	3.6	26
50	Is vitamin E beneficial in chronic liver disease?. <i>Hepatology</i> , 2007, 46, 288-290.	3.6	26
51	The Labyrinthine Ways of Cancer Immunotherapy—T Cell, Tumor Cell Encounter: “How Do I Lose Thee? Let Me Count the Ways”. <i>Advances in Cancer Research</i> , 1998, 75, 203-249.	1.9	23
52	Telehealth-delivered, Cardioprotective Diet and Exercise Program for Liver Transplant Recipients: A Randomized Feasibility Study. <i>Transplantation Direct</i> , 2021, 7, e667.	0.8	23
53	Fat oxidation over a range of exercise intensities: fitness versus fatness. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 1352-1359.	0.9	22
54	More clues to the relationship between hepatic iron and steatosis: An association with insulin resistance?. <i>Gastroenterology</i> , 1999, 117, 1241-1244.	0.6	21

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55	Changes in dietary patterns and body composition within 12 months of liver transplantation. <i>Hepatobiliary Surgery and Nutrition</i> , 2017, 6, 317-326.	0.7	20
56	Fulminant hepatitis in patients undergoing liver transplantation: Evidence for a non-A, non-B, non-C, non-D, and non-E syndrome. <i>Liver Transplantation</i> , 1996, 2, 60-66.	1.9	19
57	Safety, adherence and efficacy of exercise training in solid-organ transplant candidates: A systematic review. <i>Transplantation Reviews</i> , 2016, 30, 218-226.	1.2	19
58	Peroxisomal fatty acid metabolism, peroxisomal proliferator-activated receptors and non-alcoholic fatty liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2004, 19, 1335-1337.	1.4	18
59	Magnetic resonance imaging (MRI) and diseases of the liver and biliary tract. Part 1. Basic principles, MRI in the assessment of diffuse and focal hepatic disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2000, 15, 980-991.	1.4	17
60	General practitioner attitudes to prescribing hepatitis C antiviral therapy in a community setting. <i>Australian Journal of Primary Health</i> , 2011, 17, 282.	0.4	17
61	Exercise Training Is Safe and Feasible in Patients Awaiting Liver Transplantation: A Pilot Randomized Controlled Trial. <i>Liver Transplantation</i> , 2019, 25, 1576-1580.	1.3	17
62	Management of Patients With Erythropoietic Protoporphyrin-Related Progressive Liver Disease. <i>Liver Transplantation</i> , 2019, 25, 1620-1633.	1.3	17
63	"Back to Life"™ Using knowledge exchange processes to enhance lifestyle interventions for liver transplant recipients: A qualitative study. <i>Nutrition and Dietetics</i> , 2019, 76, 399-406.	0.9	17
64	Liver transplant recipients'™ experiences and perspectives of a telehealth-delivered lifestyle programme: A qualitative study. <i>Journal of Telemedicine and Telecare</i> , 2021, 27, 590-598.	1.4	17
65	Survival following Fulminant Hepatic Failure from Fluconazole Induced Hepatitis. <i>Anaesthesia and Intensive Care</i> , 1999, 27, 650-653.	0.2	16
66	Reciprocal relationship between methylation status and loss of heterozygosity at the p14ARF locus in Australian and South African hepatocellular carcinomas. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2002, 17, 301-307.	1.4	16
67	Symptoms of Obstructive Sleep Apnea, Gastroesophageal Reflux and the Risk of Barrett's™ Esophagus in a Population-Based Case-Control Study. <i>PLoS ONE</i> , 2015, 10, e0129836.	1.1	16
68	¹NAFLD</sup> in clinical practice: Can simple blood and anthropometric markers be used to detect change in liver fat measured by ¹H</sup> MRS</sup>?. <i>Liver International</i> , 2017, 37, 1907-1915.	1.9	16
69	Telementoring for hepatitis C treatment in correctional facilities. <i>Journal of Telemedicine and Telecare</i> , 2018, 24, 690-696.	1.4	15
70	Hemochromatosis mutation in hepatitis C: Histopathology. <i>Gastroenterology</i> , 1998, 115, 1307-1308.	0.6	14
71	Total body fat and the risk of Barrett's oesophagus " A bioelectrical impedance study. <i>Cancer Epidemiology</i> , 2014, 38, 266-272.	0.8	14
72	Excellent Contemporary Graft Survival for Adult Liver Retransplantation: An Australian and New Zealand Registry Analysis From 1986 to 2017. <i>Transplantation Direct</i> , 2019, 5, e472.	0.8	14

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73	Influence of Altered Blood Rheology on Ventricular-Vascular Response to Exercise. <i>Hypertension</i> , 2009, 54, 1092-1098.	1.3	13
74	Dysbiosis of the Duodenal Mucosal Microbiota Is Associated With Increased Small Intestinal Permeability in Chronic Liver Disease. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00068.	1.3	13
75	Why do we not yet have combination chemotherapy for chronic hepatitis B?. <i>Medical Journal of Australia</i> , 2007, 186, 204-206.	0.8	12
76	Raised alanine transaminase and decreased adiponectin are features of the metabolic syndrome in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2007, 9, 438-440.	2.2	12
77	Use of standardised assessment forms in referrals to hepatology outpatient services: implications for accurate triaging of patients with chronic hepatitis C. <i>Australian Health Review</i> , 2013, 37, 218.	0.5	12
78	Should patients with type 2 diabetes and raised liver enzymes be referred for further evaluation of liver disease?. <i>Diabetes Research and Clinical Practice</i> , 2008, 80, e10-e12.	1.1	11
79	Three-Dimensional Electromagnetic Torso Scanner. <i>Sensors</i> , 2019, 19, 1015.	2.1	11
80	Wearable Electromagnetic Belt for Steatotic Liver Detection Using Multivariate Energy Statistics. <i>IEEE Access</i> , 2020, 8, 201847-201860.	2.6	11
81	“Focus on diet quality”: a qualitative study of clinicians’ perspectives of use of the Mediterranean dietary pattern for non-alcoholic fatty liver disease. <i>British Journal of Nutrition</i> , 2021, , 1-11.	1.2	10
82	Liver-related mortality in countries of the developed world: an ecological study approach to explain the variability. <i>Alimentary Pharmacology and Therapeutics</i> , 2016, 44, 68-77.	1.9	9
83	Magnetic resonance imaging and diseases of the liver and biliary tract. Part 2. Magnetic resonance cholangiography and angiography and conclusions. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2000, 15, 992-999.	1.4	8
84	Value of the 8-oxodG/dG ratio in chronic liver inflammation of patients with hepatocellular carcinoma. <i>Redox Biology</i> , 2016, 8, 259-270.	3.9	8
85	Altered clot kinetics in patients with non-alcoholic fatty liver disease. <i>Annals of Hepatology</i> , 2009, 8, 331-8.	0.6	8
86	Cadherin/catenin complex appears to be intact in hepatocellular carcinomas from Australia and South Africa. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2004, 19, 676-682.	1.4	7
87	Varying etiologies lead to different molecular changes in Australian and South African hepatocellular carcinomas. <i>International Journal of Oncology</i> , 2009, 35, 1081-9.	1.4	7
88	Agreement and Reliability of Clinician-in-Clinic Versus Patient-at-Home Clinical and Functional Assessments: Implications for Telehealth Services. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2020, 2, 100066.	0.5	7
89	Evaluation of techniques used to assess skeletal muscle quantity in patients with cirrhosis. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 287-296.	0.5	7
90	Diet and Liver Disease – A Glimpse into the Future. <i>Journal of Clinical Gastroenterology</i> , 1994, 18, 274-276.	1.1	6

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91	Hepatocellular carcinoma. <i>Current Opinion in Gastroenterology</i> , 2000, 16, 275-281.	1.0	6
92	What Is the Optimal Dietary Composition for NAFLD?. <i>Current Hepatology Reports</i> , 2017, 16, 346-355.	0.4	6
93	Sex Differences in the Risk of Barrett's Esophagus Associated With the Metabolic Effects of Obesity. <i>Journal of Clinical Gastroenterology</i> , 2020, 54, 795-800.	1.1	6
94	A Pilot Randomised Study of the Metabolic and Histological Effects of Exercise in Non-alcoholic Steatohepatitis. <i>Journal of Diabetes & Metabolism</i> , 2013, 04, .	0.2	6
95	Impact of beta-blockers on cardiopulmonary exercise testing in patients with advanced liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 46, 741-747.	1.9	5
96	Computerised tomography skeletal muscle and adipose surface area values in a healthy Caucasian population. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1276-1281.	1.3	5
97	Independent effects of diet and exercise training on fat oxidation in non-alcoholic fatty liver disease. <i>World Journal of Hepatology</i> , 2016, 8, 1137.	0.8	5
98	Clinician Perspectives of Barriers and Enablers to Implementing the Mediterranean Dietary Pattern in Routine Care for Coronary Heart Disease and Type 2 Diabetes: A Qualitative Interview Study. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 1263-1282.	0.4	5
99	Utilizing Technology for Diet and Exercise Change in Complex Chronic Conditions Across Diverse Environments (U-DECIDE): Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2022, 11, e37556.	0.5	5
100	Iron and fibrosis in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2000, 31, 549-549.	3.6	4
101	Chronic hepatitis E infection in an immunosuppressed, solid organ transplant patient. <i>Internal Medicine Journal</i> , 2019, 49, 1335-1336.	0.5	4
102	Expansion of Liver Transplantation Criteria for Hepatocellular Carcinoma from Milan to UCSF in Australia and New Zealand and Justification for Metroticket 2.0. <i>Cancers</i> , 2022, 14, 2777.	1.7	4
103	Weight-based tacrolimus trough concentrations post liver transplant. <i>Internal Medicine Journal</i> , 2019, 49, 79-83.	0.5	3
104	Poor Cardiorespiratory Fitness Is a Risk Factor for Sepsis in Patients Awaiting Liver Transplantation. <i>Transplantation</i> , 2019, 103, 529-535.	0.5	3
105	Hepatic Steatosis Detection Using Differential Effective Permittivity. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 8842-8853.	3.1	3
106	Silencing of O6-methylguanine DNA methyltransferase in the absence of promoter hypermethylation in hepatocellular carcinomas from Australia and South Africa. <i>Oncology Reports</i> , 2007, 17, 817-22.	1.2	3
107	Triage of referrals to outpatient hepatology services: an ineffective tool to prioritise patients?. <i>Australian Health Review</i> , 2012, 36, 443.	0.5	2
108	Tu1709 Altered Proximal Small-Intestinal Permeability and Bacterial Translocation in Chronic Liver Disease in Relation to Hepatic Fibrosis and Disease Severity. <i>Gastroenterology</i> , 2016, 150, S1169.	0.6	2

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109	Is post-transplant metabolic syndrome associated with pre-liver transplant visceral adipose tissue area?. <i>Clinical Nutrition ESPEN</i> , 2020, 39, 61-66.	0.5	2
110	Induction of Meal-related Symptoms as a Novel Mechanism of Action of the Duodenal-jejunal Bypass Sleeve. <i>Journal of Clinical Gastroenterology</i> , 2020, 54, 528-535.	1.1	2
111	The inter- and intrarater reliability and feasibility of dietetic assessment of sarcopenia and frailty in potential liver transplant recipients: A mixed methods study. <i>Clinical Transplantation</i> , 2021, 35, e14185.	0.8	2
112	A Qualitative Study of Clinician Barriers and Enablers to Implementing the Mediterranean Dietary Pattern with Kidney and Liver Transplant Recipients. <i>Progress in Transplantation</i> , 2021, 31, 337-344.	0.4	2
113	Augmentation of Meal-Related Symptoms following Placement of Duodenal-jejunal Bypass Sleeve is a Potential Mechanism of Action Inducing Weight Loss. <i>Gastroenterology</i> , 2017, 152, S638.	0.6	1
114	Hepatocellular carcinoma. <i>Current Opinion in Gastroenterology</i> , 1999, 15, 253-259.	1.0	1
115	Weight reduction in patients with chronic HCV reduces circulating insulin levels. <i>Journal of Hepatology</i> , 2002, 36, 255-256.	1.8	0
116	A case of periportal fibrosis in a Sudanese refugee. <i>Medical Journal of Australia</i> , 2008, 188, 677-678.	0.8	0
117	1100 Chronic Hepatitis C Is Associated With Dysbiosis of the Small Intestinal Microbiota and Altered Intestinal Permeability. <i>Gastroenterology</i> , 2016, 150, S220-S221.	0.6	0
118	The Oxygen Uptake Efficiency Slope Is Not Influenced By Beta-blockade In End-stage Liver Disease Patients. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 711.	0.2	0
119	Tu1690 Liver-Related Mortality in Countries of the Developed World: An Ecological Study Approach to Explain the Variability. <i>Gastroenterology</i> , 2016, 150, S926.	0.6	0
120	Improvements of Liver and Glycaemic Parameters after Duodenal-jejunal Bypass Sleeve (DJBS) Insertion. <i>Gastroenterology</i> , 2017, 152, S638.	0.6	0
121	Five-year conditional survival for patients with hepatocellular carcinoma in Queensland, Australia. <i>GastroHep</i> , 2019, 1, 61-69.	0.3	0