

# Mark J Mcphail

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75 papers	4,211 citations	28 h-index	64 g-index
80 ext. papers	5,105 ext. citations	6.6 avg, IF	5.24 L-index

#	Paper	IF	Citations
75	Acute skeletal muscle wasting in critical illness. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 310, 1591-600	27.4	935
74	Bacteremia, acute physiology and chronic health evaluation II and modified end stage liver disease are independent predictors of mortality in critically ill nontransplanted patients with acute on chronic liver failure. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 121-6	1.4	595
73	The impact of organ dysfunction in cirrhosis: survival at a cost?. <i>Journal of Hepatology</i> , <b>2012</b> , 56, 1054-1062	13.4	512
72	Lessons from look-back in acute liver failure? A single centre experience of 3300 patients. <i>Journal of Hepatology</i> , <b>2013</b> , 59, 74-80	13.4	256
71	Source and characterization of hepatic macrophages in acetaminophen-induced acute liver failure in humans. <i>Hepatology</i> , <b>2012</b> , 56, 735-46	11.2	192
70	Magnetic Resonance Imaging: Principles and Techniques: Lessons for Clinicians. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2015</b> , 5, 246-55	4.1	137
69	Bile acid profiling and quantification in biofluids using ultra-performance liquid chromatography tandem mass spectrometry. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 9662-70	7.8	120
68	Meta-analysis of performance of King's College Hospital Criteria in prediction of outcome in non-paracetamol-induced acute liver failure. <i>Journal of Hepatology</i> , <b>2010</b> , 53, 492-9	13.4	102
67	Qualitative Ultrasound in Acute Critical Illness Muscle Wasting. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 1603-11	1.4	101
66	The Role of Monocytes and Macrophages in Acute and Acute-on-Chronic Liver Failure. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2948	8.4	90
65	Metabolic phenotype of skeletal muscle in early critical illness. <i>Thorax</i> , <b>2018</b> , 73, 926-935	7.3	77
64	Ability of King's College Criteria and Model for End-Stage Liver Disease Scores to Predict Mortality of Patients With Acute Liver Failure: A Meta-analysis. <i>Clinical Gastroenterology and Hepatology</i> , <b>2016</b> , 14, 516-525.e5; quiz e43-e45	6.9	69
63	Predictors of bacteraemia and mortality in patients with acute liver failure. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1390-6	14.5	66
62	Increased Survival for Patients With Cirrhosis and Organ Failure in Liver Intensive Care and Validation of the Chronic Liver Failure-Sequential Organ Failure Scoring System. <i>Clinical Gastroenterology and Hepatology</i> , <b>2015</b> , 13, 1353-1360.e8	6.9	65
61	Assessment of bone mineral density in tenofovir-treated patients with chronic hepatitis B: can the fracture risk assessment tool identify those at greatest risk?. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 374-82	7	61
60	Multivariate metabotyping of plasma predicts survival in patients with decompensated cirrhosis. <i>Journal of Hepatology</i> , <b>2016</b> , 64, 1058-1067	13.4	55
59	High-Speed Quantitative UPLC-MS Analysis of Multiple Amines in Human Plasma and Serum via Precolumn Derivatization with 6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate: Application to Acetaminophen-Induced Liver Failure. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2478-2487	7.8	51

58	Mitochondrial metabolic manipulation by SARS-CoV-2 in peripheral blood mononuclear cells of patients with COVID-19. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> , 320, C57-C65	5.4	51
57	Severity of the compensatory anti-inflammatory response determined by monocyte HLA-DR expression may assist outcome prediction in cirrhosis. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 453-60	14.5	50
56	Admission levels and early changes in serum interleukin-10 are predictive of poor outcome in acute liver failure and decompensated cirrhosis. <i>Liver International</i> , <b>2010</b> , 30, 733-40	7.9	48
55	Magnetic Resonance Spectroscopy: Principles and Techniques: Lessons for Clinicians. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2015</b> , 5, 320-8	4.1	41
54	Lung injury and its prognostic significance in acute liver failure. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 592-600	1.4	40
53	Efficacy of L-Ornithine L-Aspartate for the Treatment of Hepatic Encephalopathy and Hyperammonemia in Cirrhosis: Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2018</b> , 8, 301-313	4.1	35
52	Pathogenesis and diagnosis of hepatic encephalopathy. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2010</b> , 4, 365-78	4.2	32
51	Incidence and Outcomes for Patients With Cirrhosis Admitted to the United Kingdom Critical Care Units. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 705-712	1.4	31
50	Character and temporal evolution of apoptosis in acetaminophen-induced acute liver failure*. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 2543-50	1.4	31
49	L-Ornithine L-Aspartate (LOLA) for Hepatic Encephalopathy in Cirrhosis: Results of Randomized Controlled Trials and Meta-Analyses. <i>Drugs</i> , <b>2019</b> , 79, 31-37	12.1	28
48	Brain imaging and hepatic encephalopathy. <i>Clinics in Liver Disease</i> , <b>2012</b> , 16, 57-72	4.6	28
47	The role of magnetic resonance imaging and spectroscopy in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , <b>2010</b> , 25, 65-72	3.9	27
46	Metachronous colorectal cancer following segmental or extended colectomy in Lynch syndrome: a systematic review and meta-analysis. <i>Familial Cancer</i> , <b>2018</b> , 17, 557-564	3	22
45	LiFe: a liver injury score to predict outcome in critically ill patients. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 361-369	14.5	21
44	Bloodstream infection after elective liver transplantation is associated with increased mortality in patients with cirrhosis. <i>Journal of Critical Care</i> , <b>2011</b> , 26, 468-474	4	21
43	Modulation of neural activation following treatment of hepatic encephalopathy. <i>Neurology</i> , <b>2013</b> , 80, 1041-7	6.5	20
42	Decisions on futility in patients with cirrhosis and organ failure. <i>Hepatology</i> , <b>2016</b> , 64, 986	11.2	17
41	Current management of acute liver failure. <i>Current Opinion in Gastroenterology</i> , <b>2015</b> , 31, 209-14	3	17

40	Lactate and number of organ failures predict intensive care unit mortality in patients with acute-on-chronic liver failure. <i>Liver International</i> , <b>2019</b> , 39, 1271-1280	7.9	15
39	Microcirculatory, Endothelial, and Inflammatory Responses in Critically Ill Patients With COVID-19 Are Distinct From Those Seen in Septic Shock: A Case Control Study. <i>Shock</i> , <b>2021</b> , 55, 752-758	3.4	15
38	Leucocyte ratios are biomarkers of mortality in patients with acute decompensation of cirrhosis and acute-on-chronic liver failure. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2020</b> , 52, 855-865	6.1	12
37	A pilot study of change in fracture risk in patients with acute respiratory distress syndrome. <i>Critical Care</i> , <b>2015</b> , 19, 165	10.8	11
36	Improving the Diagnostic Criteria for Primary Liver Graft Nonfunction in Adults Utilizing Standard and Transportable Laboratory Parameters: An Outcome-Based Analysis. <i>American Journal of Transplantation</i> , <b>2017</b> , 17, 1255-1266	8.7	10
35	Update on the management of acute liver failure. <i>Current Opinion in Critical Care</i> , <b>2019</b> , 25, 157-164	3.5	10
34	Mitochondrial dysfunction as a mechanistic biomarker in patients with non-alcoholic fatty liver disease (NAFLD). <i>Mitochondrion</i> , <b>2021</b> , 57, 119-130	4.9	10
33	Acute muscle wasting among critically ill patients--reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 311, 622-3	27.4	9
32	Faecal cytokine profiling as a marker of intestinal inflammation in acutely decompensated cirrhosis. <i>JHEP Reports</i> , <b>2020</b> , 2, 100151	10.3	8
31	Serum MicroRNA Signatures in Recovery From Acute and Chronic Liver Injury and Selection for Liver Transplantation. <i>Liver Transplantation</i> , <b>2020</b> , 26, 811-822	4.5	7
30	Urinary metabolic profiling by H NMR spectroscopy in patients with cirrhosis may discriminate overt but not covert hepatic encephalopathy. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 331-341	3.9	6
29	Association of cardiometabolic microRNAs with COVID-19 severity and mortality. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	6
28	A longitudinal study of patients with cirrhosis treated with L-ornithine L-aspartate, examined with magnetization transfer, diffusion-weighted imaging and magnetic resonance spectroscopy. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 77-86	3.9	5
27	Dysregulation of the Lysophosphatidylcholine/Autotaxin/Lysophosphatidic Acid Axis in Acute-on-Chronic Liver Failure Is Associated With Mortality and Systemic Inflammation by Lysophosphatidic Acid-Dependent Monocyte Activation. <i>Hepatology</i> , <b>2021</b> , 74, 907-925	11.2	5
26	Human Leukocyte Antigen Profile Predicts Severity of Autoimmune Liver Disease in Children of European Ancestry. <i>Hepatology</i> , <b>2021</b> , 74, 2032-2046	11.2	5
25	A novel microRNA-based prognostic model outperforms standard prognostic models in patients with acetaminophen-induced acute liver failure. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 424-434	13.4	5
24	Assessing the Time-Dependent Impact of Performance Status on Outcomes After Liver Transplantation. <i>Hepatology</i> , <b>2020</b> , 72, 1341-1352	11.2	4
23	Changes in Liver Volume in Patients with Chronic Hepatitis C Undergoing Antiviral Therapy. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2016</b> , 6, 15-20	4.1	4

22	Prevalence of bleeding and thrombosis in critically ill patients with chronic liver disease. <i>Thrombosis and Haemostasis</i> , <b>2021</b> ,	7	3
21	Modern Outcomes Following Treatment of Hepatocellular Carcinoma in Hereditary Hemochromatosis: A Matched Cohort Study. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , <b>2019</b> , 42, 918-923	2.7	3
20	Significant lung injury and its prognostic significance in acute liver failure: A cohort analysis. <i>Liver International</i> , <b>2020</b> , 40, 654-663	7.9	3
19	2-Hydroxyglutarate Metabolism Is Altered in an Model of LPS Induced Endotoxemia. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 147	4.6	2
18	557. Impact of Concomitant Hydroxychloroquine Use on Safety and Efficacy of Remdesivir in Moderate COVID-19 Patients. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S343-S344	1	2
17	A Real-world Analysis of risk factors for post liver transplant delirium and the effect on length of stay. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2020</b> , 32, 1373-1380	2.2	2
16	Acute liver failure. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 1489-1490	13.4	2
15	Scientific Business Abstracts of the 113th Annual Meeting of the Association of Physicians of Great Britain and Ireland. <i>QJM - Monthly Journal of the Association of Physicians</i> , <b>2019</b> , 112, 724-729	2.7	1
14	548. Baseline characteristics associated with clinical improvement and mortality in hospitalized patients with moderate COVID-19. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S340-S340	1	1
13	Metabolomics to discriminate between acute decompensation and acute-on-chronic liver failure in cirrhosis. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 730-732	13.4	1
12	Using a theory-informed approach to explore patient and staff perspectives on factors that influence clinical trial recruitment for patients with cirrhosis and small oesophageal varices.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263288	3.7	0
11	Margin ACcentration for resectable Pancreatic cancer using Irreversible Electroporation - Results from the MACPIE-I study. <i>European Journal of Surgical Oncology</i> , <b>2021</b> , 47, 2571-2578	3.6	0
10	Lipids in Liver Failure Syndromes: A Focus on Eicosanoids, Specialized Pro-Resolving Lipid Mediators and Lysophospholipids.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 867261	8.4	0
9	Sequential Cohort Analysis After Liver Transplantation Shows de Novo Extended Release Tacrolimus Is Safe, Efficacious, and Minimizes Renal Dysfunction. <i>Transplantation Direct</i> , <b>2020</b> , 6, e528	2.3	
8	Response to letter to editor regarding published article-metachronous colorectal cancer following segmental or extended colectomy in Lynch syndrome: a systematic review and meta-analysis. <i>Familial Cancer</i> , <b>2018</b> , 17, 545-546	3	
7	Letter: comparing of scoring systems and outcome of patients admitted to a liver intensive care unit of a tertiary referral centre with severe variceal bleeding--authorsReply. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2014</b> , 40, 857	6.1	
6	P76 Meta-analysis of published evidence supports use of King's College criteria over model for end stage liver disease in outcome prediction in acute liver failure. <i>Gut</i> , <b>2011</b> , 60, A35-A35	19.2	
5	PTU-045 Proton nuclear magnetic resonance spectroscopy of plasma in patients with cirrhosis correlates with arterial ammonia but not grade of hepatic encephalopathy. <i>Gut</i> , <b>2012</b> , 61, A202.2-A202	19.2	

- 4 P95 Molecular mechanisms of monocyte reprogramming in acute liver failure: importance of hepatically derived anti-inflammatory mediators. *Gut*, **2011**, 60, A44-A45 19.2
- 3 Metabolomics in Advanced Liver Disease. *Current Treatment Options in Gastroenterology*, **2021**, 19, 380-393 1.3
- 2 Variation in the Care of Acute Liver Failure: A Survey of Intensive Care Professionals.. *GE Portuguese Journal of Gastroenterology*, **2022**, 29, 22-30 1.1
- 1 The authors reply. *Critical Care Medicine*, **2018**, 46, e1018 1.4