

# Carlo Merkel

## List of Publications by Year in descending order

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109  
papers

5,839  
citations

66315

42  
h-index

76872

74  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3871  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence and natural history of small esophageal varices in cirrhotic patients. <i>Journal of Hepatology</i> , 2003, 38, 266-272.	1.8	466
2	Nutrition and survival in patients with liver cirrhosis. <i>Nutrition</i> , 2001, 17, 445-450.	1.1	454
3	A placebo-controlled clinical trial of nadolol in the prophylaxis of growth of small esophageal varices in cirrhosis 1 1Members of the Gruppo Triveneto per l'ipertensione Portale are as follows. Steering committee: A. Gatta and C. Merkel (University of Padua, Padua, Italy); V. Donadon (General Hospital of Belluno, Belluno, Italy); and G. Marin (General Hospital of Dolo, Dolo, Italy). <i>Hepatology</i> , 2000, 31, 324-329.	0.6	127
4	Clinical features and survival of cirrhotic patients with subclinical cognitive alterations detected by the number connection test and computerized psychometric tests. <i>Hepatology</i> , 1999, 29, 1662-1667.	3.6	230
5	Prevalence and prognostic value of quantified electroencephalogram (EEG) alterations in cirrhotic patients. <i>Journal of Hepatology</i> , 2001, 35, 37-45.	1.8	226
6	The Hemodynamic Response to Medical Treatment of Portal Hypertension as a Predictor of Clinical Effectiveness in the Primary Prophylaxis of Variceal Bleeding in Cirrhosis. <i>Hepatology</i> , 2000, 32, 930-934.	3.6	224
7	Prognostic usefulness of hepatic vein catheterization in patients with cirrhosis and esophageal varices. <i>Gastroenterology</i> , 1992, 102, 973-979.	0.6	177
8	Interobserver and interequipment variability of echo-doppler examination of the portal vein: Effect of a cooperative training program. <i>Hepatology</i> , 1995, 21, 428-433.	3.6	152
9	Hepatic arterial resistance in cirrhosis with and without portal vein thrombosis: Relationships with portal hemodynamics. <i>Gastroenterology</i> , 1995, 108, 1152-1158.	0.6	141
10	The animal naming test: An easy tool for the assessment of hepatic encephalopathy. <i>Hepatology</i> , 2017, 66, 198-208.	3.6	135
11	Long-term results of a clinical trial of nadolol with or without isosorbide mononitrate for primary prophylaxis of variceal bleeding in cirrhosis. <i>Hepatology</i> , 2000, 31, 324-329.	3.6	127
12	Prognostic Indicators of Risk for First Variceal Bleeding in Cirrhosis: A Multicenter Study in 711 Patients To Validate and Improve The North Italian Endoscopic Club (Niec) Index. <i>American Journal of Gastroenterology</i> , 2000, 95, 2915-2920.	0.2	109
13	Interobserver and interequipment variability of hepatic, splenic, and renal arterial Doppler resistance indices in normal subjects and patients with cirrhosis. <i>Journal of Hepatology</i> , 1997, 27, 986-992.	1.8	104
14	Renal vasoconstriction in cirrhosis evaluated by duplex doppler ultrasonography. <i>Hepatology</i> , 1993, 17, 219-224.	3.6	100
15	Randomized clinical study of the efficacy of amiloride and potassium canrenoate in nonazotemic cirrhotic patients with ascites. <i>Hepatology</i> , 1994, 19, 72-79.	3.6	100
16	Natural History of Cirrhotic Patients With Small Esophageal Varices: A Prospective Study. <i>American Journal of Gastroenterology</i> , 2000, 95, 503-508.	0.2	99
17	Change in portal flow after liver transplantation: Effect on hepatic arterial resistance indices and role of spleen size. <i>Hepatology</i> , 2002, 35, 601-608.	3.6	95
18	Pathogenesis and management of hepatorenal syndrome in patients with cirrhosis. <i>Journal of Hepatology</i> , 2008, 48, S93-S103.	1.8	94

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19	Depression, anxiety and alexithymia symptoms are major determinants of health related quality of life (HRQoL) in cirrhotic patients. <i>Metabolic Brain Disease</i> , 2013, 28, 239-243.	1.4	92
20	Prognostic significance of portal hemodynamics in patients with compensated cirrhosis. <i>Journal of Hepatology</i> , 1993, 17, 56-61.	1.8	90
21	Prognostic value of galactose elimination capacity, aminopyrine breath test, and ICG clearance in patients with cirrhosis. <i>Digestive Diseases and Sciences</i> , 1991, 36, 1197-1203.	1.1	86
22	A pathophysiological interpretation of unresponsiveness to spironolactone in a stepped-care approach to the diuretic treatment of ascites in nonazotemic cirrhotic patients. <i>Hepatology</i> , 1991, 14, 231-236.	3.6	85
23	Sleep-wake abnormalities in patients with cirrhosis. <i>Hepatology</i> , 2014, 59, 705-712.	3.6	83
24	Clinical significance of the evaluation of hepatic reticuloendothelial removal capacity in patients with cirrhosis. <i>Hepatology</i> , 1994, 19, 628-634.	3.6	79
25	Lowering Portal Pressure Improves Outcomes of Patients With Cirrhosis, With or Without Ascites: A Meta-Analysis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 313-327.e6.	2.4	74
26	Doppler sonography and hepatic vein catheterization in portal hypertension: assessment of agreement in evaluating severity and response to treatment. <i>Journal of Hepatology</i> , 1998, 28, 622-630.	1.8	66
27	Noninvasive grading of the severity of portal hypertension in cirrhotic patients by echo-color-Doppler. <i>Ultrasound in Medicine and Biology</i> , 2001, 27, 901-907.	0.7	63
28	Cognitive impairment and electroencephalographic alterations before and after liver transplantation: What is reversible?. <i>Liver Transplantation</i> , 2014, 20, 977-986.	1.3	63
29	Carbon Monoxide-Mediated Activation of Large-Conductance Calcium-Activated Potassium Channels Contributes to Mesenteric Vasodilatation in Cirrhotic Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 187-194.	1.3	62
30	Nutritional and prognostic significance of insulin-like growth factor 1 in patients with liver cirrhosis. <i>Nutrition</i> , 1997, 13, v-190.	1.1	59
31	Hemostatic balance in patients with liver cirrhosis: Report of a consensus conference. <i>Digestive and Liver Disease</i> , 2016, 48, 455-467.	0.4	57
32	Effects of isosorbide dinitrate on portal hypertension in alcoholic cirrhosis. <i>Journal of Hepatology</i> , 1987, 4, 174-180.	1.8	55
33	Visual attention in cirrhotic patients: A study on covert visual attention orienting. <i>Hepatology</i> , 1998, 27, 1517-1523.	3.6	54
34	Covert hepatic encephalopathy: Agreement and predictive validity of different indices. <i>World Journal of Gastroenterology</i> , 2014, 20, 15756.	1.4	50
35	Vasoactive factors and hemodynamic mechanisms in the pathophysiology of portal hypertension in cirrhosis. <i>Molecular Aspects of Medicine</i> , 2008, 29, 119-129.	2.7	48
36	Long-term follow-up study of adult patients with non-cirrhotic obstruction of the portal system: comparison with cirrhotic patients. <i>Journal of Hepatology</i> , 1992, 15, 299-303.	1.8	47

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37	Electroencephalography in Patients With Cirrhosis. <i>Gastroenterology</i> , 2011, 141, 1680-1689.e2.	0.6	47
38	The Influence of Environmental Factors on Sleep Quality in Hospitalized Medical Patients. <i>Frontiers in Neurology</i> , 2014, 5, 267.	1.1	47
39	Hemodynamic changes of systemic, hepatic, and splenic circulation following triglycyl-lysine-vasopressin administration in alcoholic cirrhosis. <i>Digestive Diseases and Sciences</i> , 1988, 33, 1103-1109.	1.1	43
40	Comparison between two high-dose methylprednisolone schedules in the treatment of acute hepatic cellular rejection in liver transplant recipients: A controlled clinical trial. <i>Liver Transplantation</i> , 2002, 8, 527-534.	1.3	43
41	SERPINB3 modulates TGF- $\beta$ 2 expression in chronic liver disease. <i>Laboratory Investigation</i> , 2010, 90, 1016-1023.	1.7	43
42	Hepatic venous pressure gradient measurement in clinical hepatology. <i>Digestive and Liver Disease</i> , 2011, 43, 762-767.	0.4	43
43	Effects of nadolol treatment on renal and hepatic hemodynamics and function in cirrhotic patients with portal hypertension. <i>American Heart Journal</i> , 1984, 108, 1167-1172.	1.2	42
44	Visceral fistula as a complication of endoscopic treatment of esophageal and gastric varices using isobutyl-2-cyanoacrylate: report of two cases. <i>Gastrointestinal Endoscopy</i> , 2000, 52, 267-270.	0.5	42
45	Arterioportal Fistulas in Patients with Liver Cirrhosis: Usefulness of Color Doppler US for Screening. <i>Radiology</i> , 2000, 216, 738-743.	3.6	40
46	Prognostic Benefit of the Addition of a Quantitative Index of Hepatic Encephalopathy to the MELD score: the MELD- $\alpha$ -EEG. <i>Liver International</i> , 2015, 35, 58-64.	1.9	40
47	Endoscopic screening for esophageal varices in cirrhotic patients. <i>Hepatology</i> , 2002, 35, 501-502.	3.6	38
48	Excessive daytime sleepiness and hepatic encephalopathy: it is worth asking. <i>Metabolic Brain Disease</i> , 2013, 28, 245-248.	1.4	37
49	Chronic Kidney Disease After Liver Transplantation. <i>Transplantation</i> , 2013, 95, 1148-1153.	0.5	35
50	Importance of the 1-month-effect of nadolol on portal pressure in predicting failure of prevention of rebleeding in cirrhosis. <i>Journal of Hepatology</i> , 1991, 12, 124-125.	1.8	33
51	Hypophosphatemia and renal tubular dysfunction in alcoholics. <i>Gastroenterology</i> , 1991, 100, 502-512.	0.6	31
52	Simple tools for complex syndromes: A three-level difficulty test for hepatic encephalopathy. <i>Digestive and Liver Disease</i> , 2012, 44, 957-960.	0.4	31
53	Long-term effect of nadolol or nadolol plus isosorbide-5-mononitrate on renal function and ascites formation in patients with cirrhosis. <i>Hepatology</i> , 1995, 22, 808-813.	3.6	30
54	Effects of chronic therapy with nadolol on portal hemodynamics and on splanchnic impedance indices using Doppler sonography: comparison between acute and chronic effects. <i>Journal of Hepatology</i> , 1997, 26, 305-311.	1.8	30

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55	Acute Liver Rejection: Accuracy and Predictive Values of Doppler US Measurementsâ€™Initial Experience. <i>Radiology</i> , 2005, 235, 651-658.	3.6	30
56	Nutritional and prognostic significance of serum hypothyroxinemia in hospitalized patients with liver cirrhosis. <i>Journal of Hepatology</i> , 1998, 28, 115-121.	1.8	29
57	Different hemodynamic patterns of alcoholic and viral endstage cirrhosis: Analysis of explanted liver weight, degree of fibrosis and splanchnic Doppler parameters. <i>Scandinavian Journal of Gastroenterology</i> , 2007, 42, 256-262.	0.6	29
58	Variability of atrial natriuretic peptide plasma levels in ascitic cirrhotics: Pathophysiological and clinical implications. <i>Hepatology</i> , 1992, 16, 1389-1394.	3.6	26
59	Clinical significance of worsening portal hypertension during long-term medical treatment in patients with cirrhosis who had been classified as early good-responders on haemodynamic criteria. <i>Journal of Hepatology</i> , 2010, 52, 45-53.	1.8	26
60	A Simplified Psychometric Evaluation for the Diagnosis of Minimal Hepatic Encephalopathy. <i>Clinical Gastroenterology and Hepatology</i> , 2011, 9, 613-616.e1.	2.4	26
61	Reversal of hepatic myelopathy after liver transplantation: Fifteen plus one. <i>Liver Transplantation</i> , 2010, 16, 1336-1337.	1.3	24
62	Value of Prealbumin Plasma Levels as Liver Test. <i>Digestion</i> , 1987, 37, 72-78.	1.2	22
63	IgM-Linked SerpinB3 and SerpinB4 in Sera of Patients with Chronic Liver Disease. <i>PLoS ONE</i> , 2012, 7, e40658.	1.1	22
64	Redistribution of renal blood flow in patients with liver cirrhosis. <i>Journal of Hepatology</i> , 1986, 2, 253-261.	1.8	21
65	Increased myoendothelial gap junctions mediate the enhanced response to epoxyeicosatrienoic acid and acetylcholine in mesenteric arterial vessels of cirrhotic rats. <i>Liver International</i> , 2011, 31, 881-890.	1.9	21
66	Substrate availability other than glucose in the brain during euglycemia and insulin-induced hypoglycemia in dogs. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 46-50.	1.5	20
67	Confounders in the detection of minimal hepatic encephalopathy: a neuropsychological and quantified <sc>EEG</sc> study. <i>Liver International</i> , 2015, 35, 1524-1532.	1.9	19
68	Relationship between portal blood flow measured by image-directed doppler ultrasonography and hepatic blood flow measured by indocyanine green constant infusion in patients with cirrhosis. <i>Journal of Clinical Ultrasound</i> , 1995, 23, 297-303.	0.4	18
69	Haemodynamic effects of propranolol, octreotide and their combination during fasting and post-prandial splanchnic hyperaemia in patients with cirrhosis. <i>European Journal of Gastroenterology and Hepatology</i> , 2001, 13, 163-169.	0.8	17
70	The use of human albumin millimicrospheres tagged with 99mTc in the evaluation of the removal capacity of the reticuloendothelial system. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1987, 13, 254-7.	2.2	15
71	Clinical, neuropsychological and neurophysiological indices and predictors of hepatic encephalopathy (HE). <i>Liver International</i> , 2021, 41, 1070-1082.	1.9	15
72	Should we routinely measure portal pressure in patients with cirrhosis, using hepatic venous pressure gradient (HVPG) as guidance for prophylaxis and treatment of bleeding and re-bleeding? Yes!. <i>European Journal of Internal Medicine</i> , 2011, 22, 1-4.	1.0	14

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73	Visual attention orienting in liver cirrhosis without overt hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 1995, 10, 335-345.	1.4	13
74	Effect of chronic treatment with nadolol plus isosorbide mononitrate on liver blood flow and liver metabolic activity in cirrhosis. <i>European Journal of Gastroenterology and Hepatology</i> , 1999, 11, 1221-1226.	0.8	12
75	Bright Times for Patients With Cirrhosis and Delayed Sleep Habits: A Case Report on the Beneficial Effect of Light Therapy. <i>American Journal of Gastroenterology</i> , 2011, 106, 2048-2049.	0.2	12
76	Specificity of squamous cell carcinoma antigen (SCCA) IgM detection in patients with HCV infection and rheumatoid factor seropositivity. <i>Journal of Medical Virology</i> , 2013, 85, 1005-1008.	2.5	12
77	SERPINB3 is associated with longer survival in transgenic mice. <i>Scientific Reports</i> , 2013, 3, 3056.	1.6	12
78	Covert Hepatic Encephalopathy: Does the Mini-Mental State Examination Help?. <i>Journal of Clinical and Experimental Hepatology</i> , 2014, 4, 89-93.	0.4	12
79	Spontaneous portosystemic shunts in cirrhosis: Detection, implications, and clinical associations. <i>Digestive and Liver Disease</i> , 2021, 53, 1468-1475.	0.4	12
80	Effects of iloprost, a prostacyclin analog derivative, on renal plasma flow, renal function, and renin-aldosterone system in humans. <i>Clinical Pharmacology and Therapeutics</i> , 1988, 44, 211-216.	2.3	11
81	The Hunter and the Pianist. <i>Journal of Clinical Gastroenterology</i> , 2011, 45, 563-566.	1.1	11
82	Can we predict the first variceal bleeding in the individual patient with cirrhosis and esophageal varices?. <i>Journal of Hepatology</i> , 1991, 13, 378.	1.8	10
83	Hepatitis C virus reinfection in liver transplant patients: Evaluation of liver damage progression with echo-color doppler. <i>Liver Transplantation</i> , 2008, 14, 616-624.	1.3	10
84	Heme oxygenase regulates renal arterial resistance and sodium excretion in cirrhotic rats. <i>Journal of Hepatology</i> , 2011, 54, 258-264.	1.8	10
85	Liver Fibrosis and Steatosis in Alstr�m Syndrome: A Genetic Model for Metabolic Syndrome. <i>Diagnostics</i> , 2021, 11, 797.	1.3	9
86	A pathophysiological interpretation of unresponsiveness to spironolactone in a stepped-care approach to the diuretic treatment of ascites in nonazotemic cirrhotic patients. <i>Hepatology</i> , 1991, 14, 231-236.	3.6	9
87	Attention: Minimal hepatic encephalopathy and road accidents. <i>Hepatology</i> , 2012, 55, 985-987.	3.6	8
88	Clinical Significance of Cholelithiasis in Patients with Decompensated Cirrhosis. <i>Journal of Clinical Gastroenterology</i> , 1990, 12, 538-541.	1.1	7
89	Nonselective $\beta$ -blockers plus nitrates in portal hypertension: An open question. <i>Hepatology</i> , 2003, 37, 1254-1256.	3.6	6
90	Cost-effectiveness analysis of beta-blockers vs endoscopic surveillance in patients with cirrhosis and small varices. <i>World Journal of Gastroenterology</i> , 2014, 20, 10464.	1.4	6

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91	Encephalopathy or hepatic encephalopathy?. Journal of Hepatology, 2012, 57, 928-929.	1.8	5
92	Randomized clinical study of the efficacy of amiloride and potassium canrenoate in nonazotemic cirrhotic patients with ascites. Hepatology, 1994, 19, 72-79.	3.6	5
93	Renal Haemodynamics in Essential Hypertension Assessed by 133-Xenon Washout and Selective Renal Angiography. Angiology, 1982, 33, 818-824.	0.8	4
94	The cirrhotic patient with no varices and with small varices. , 2004, , 271-276.		4
95	d-Sorbitol clearance. Digestive Diseases and Sciences, 1988, 33, 1341-1341.	1.1	3
96	Circadian variation in the frequency of acute variceal bleeding in cirrhosis. Journal of Hepatology, 1994, 21, 912-913.	1.8	3
97	Adding beta-blockers to sclerotherapy in the prevention of variceal rebleeding: a meta-analysis assessment. Journal of Hepatology, 1994, 21, 918-919.	1.8	3
98	Session 3: Prevention of the Formation of Varices (Pre-Primary Prophylaxis). , 0, , 103-151.		3
99	A short cut to predict the clinical response to beta-blocker therapy in cirrhosis?. Journal of Hepatology, 2009, 51, 268-270.	1.8	2
100	Primary Prophylaxis of Bleeding from Esophageal Varices in Cirrhosis. Journal of Clinical and Experimental Hepatology, 2013, 3, 198-203.	0.4	2
101	Clinical value of asterixis in 374 well-characterised patients with cirrhosis and varying degree of hepatic encephalopathy. Digestive and Liver Disease, 2020, 52, 235-236.	0.4	2
102	Clinical pharmacology of splanchnic circulation in cirrhosis. Pharmacological Research, 1990, 22, 235-252.	3.1	1
103	Optimizing the time-frame for the definition of bleeding-related death after acute variceal bleeding in cirrhosis. European Journal of Gastroenterology and Hepatology, 1996, 8, 75-80.	0.8	1
104	Prevention of the Formation and Growth of Esophageal Varices. , 2014, , 55-61.		1
105	Training of Italian emergency medicine residents in prehospital emergency medicine: state of the art and perspectives of improvement. Internal and Emergency Medicine, 2020, 15, 519-522.	1.0	1
106	Statistical methods for predicting variceal hemorrhage. Gastroenterology, 1992, 102, 1094-1095.	0.6	0
107	Secondary prophylaxis in patients who have experienced portal hypertensive bleeding. Clinical Liver Disease, 2012, 1, 155-157.	1.0	0
108	EASL Recognition Awardee 2012. Journal of Hepatology, 2012, 57, 239-240.	1.8	0

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109	Introduction: Prevention of Decompensation Versus Prevention of First Bleeding. , 2016, , 195-204.		0