

Laurent Castra

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.

90
papers

11,660
citations

47
h-index

103
g-index

103
ext. papers

13,405
ext. citations

7.1
avg, IF

6.5
L-index

#	Paper	IF	Citations
90	Prospective comparison of transient elastography, Fibrotest, APRI, and liver biopsy for the assessment of fibrosis in chronic hepatitis C. <i>Gastroenterology</i> , 2005 , 128, 343-50	13.3	1857
89	Non-invasive evaluation of liver fibrosis using transient elastography. <i>Journal of Hepatology</i> , 2008 , 48, 835-47	13.4	964
88	Pitfalls of liver stiffness measurement: a 5-year prospective study of 13,369 examinations. <i>Hepatology</i> , 2010 , 51, 828-35	11.2	736
87	WFUMB guidelines and recommendations for clinical use of ultrasound elastography: Part 1: basic principles and terminology. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1126-47	3.5	483
86	Noninvasive methods to assess liver disease in patients with hepatitis B or C. <i>Gastroenterology</i> , 2012 , 142, 1293-1302.e4	13.3	455
85	WFUMB guidelines and recommendations for clinical use of ultrasound elastography: Part 3: liver. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1161-79	3.5	390
84	EFSUMB Guidelines and Recommendations on the Clinical Use of Liver Ultrasound Elastography, Update 2017 (Long Version). <i>Ultraschall in Der Medizin</i> , 2017 , 38, e16-e47	3.8	383
83	Accuracy of liver stiffness measurement for the diagnosis of cirrhosis in patients with chronic liver diseases. <i>Hepatology</i> , 2006 , 44, 1511-7	11.2	382
82	Early detection in routine clinical practice of cirrhosis and oesophageal varices in chronic hepatitis C: comparison of transient elastography (FibroScan) with standard laboratory tests and non-invasive scores. <i>Journal of Hepatology</i> , 2009 , 50, 59-68	13.4	289
81	Prevalence and factors associated with failure of liver stiffness measurement using FibroScan in a prospective study of 2114 examinations. <i>European Journal of Gastroenterology and Hepatology</i> , 2006 , 18, 411-2	2.2	265
80	WFUMB guidelines and recommendations for clinical use of ultrasound elastography: Part 2: breast. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1148-60	3.5	255
79	Antiviral action of ribavirin in chronic hepatitis C. <i>Gastroenterology</i> , 2004 , 126, 703-14	13.3	238
78	Non invasive evaluation of portal hypertension using transient elastography. <i>Journal of Hepatology</i> , 2012 , 56, 696-703	13.4	231
77	Meta-analyses of FibroTest diagnostic value in chronic liver disease. <i>BMC Gastroenterology</i> , 2007 , 7, 40	3	223
76	Standardization of ROC curve areas for diagnostic evaluation of liver fibrosis markers based on prevalences of fibrosis stages. <i>Clinical Chemistry</i> , 2007 , 53, 1615-22	5.5	208
75	Noninvasive evaluation of NAFLD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013 , 10, 666-75	24.2	198
74	Next-generation sequencing for the diagnosis of hereditary breast and ovarian cancer using genomic capture targeting multiple candidate genes. <i>European Journal of Human Genetics</i> , 2014 , 22, 1305-13	5.3	181

73	Liver stiffness measurement in children using FibroScan: feasibility study and comparison with Fibrotest, aspartate transaminase to platelets ratio index, and liver biopsy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007 , 45, 443-50	2.8	179
72	Factors of accuracy of transient elastography (fibrosan) for the diagnosis of liver fibrosis in chronic hepatitis C. <i>Hepatology</i> , 2009 , 49, 1083-9	11.2	175
71	Presence of diabetes mellitus and steatosis is associated with liver stiffness in a general population: The Rotterdam study. <i>Hepatology</i> , 2016 , 63, 138-47	11.2	175
70	Prospective comparison of two algorithms combining non-invasive methods for staging liver fibrosis in chronic hepatitis C. <i>Journal of Hepatology</i> , 2010 , 52, 191-8	13.4	158
69	Performance of PIVKA-II for early hepatocellular carcinoma diagnosis and prediction of microvascular invasion. <i>Journal of Hepatology</i> , 2015 , 62, 848-54	13.4	157
68	Critical comparison of elastography methods to assess chronic liver disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 402-11	24.2	154
67	Prospective comparison of spleen and liver stiffness by using shear-wave and transient elastography for detection of portal hypertension in cirrhosis. <i>Radiology</i> , 2015 , 275, 589-98	20.5	150
66	Biopsy and non-invasive methods for the diagnosis of liver fibrosis: does it take two to tango?. <i>Gut</i> , 2010 , 59, 861-6	19.2	148
65	SAFE biopsy: a validated method for large-scale staging of liver fibrosis in chronic hepatitis C. <i>Hepatology</i> , 2009 , 49, 1821-7	11.2	132
64	Transient elastography and other noninvasive tests to assess hepatic fibrosis in patients with viral hepatitis. <i>Journal of Viral Hepatitis</i> , 2009 , 16, 300-14	3.4	127
63	Partial splenic embolization in patients with cirrhosis: efficacy, tolerance and long-term outcome in 32 patients. <i>European Journal of Gastroenterology and Hepatology</i> , 2005 , 17, 179-84	2.2	112
62	Non-invasive assessment of liver fibrosis: are we ready?. <i>Lancet, The</i> , 2010 , 375, 1419-20	40	106
61	Alternative Response Criteria (Choi, European association for the study of the liver, and modified Response Evaluation Criteria in Solid Tumors [RECIST]) Versus RECIST 1.1 in patients with advanced hepatocellular carcinoma treated with sorafenib. <i>Oncologist</i> , 2014 , 19, 394-402	5.7	104
60	FibroScan (vibration-controlled transient elastography): where does it stand in the United States practice. <i>Clinical Gastroenterology and Hepatology</i> , 2015 , 13, 27-36	6.9	103
59	Invasive and non-invasive methods for the assessment of fibrosis and disease progression in chronic liver disease. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2011 , 25, 291-303	2.5	94
58	Prediction of oesophageal varices in hepatic cirrhosis by simple serum non-invasive markers: Results of a multicenter, large-scale study. <i>Journal of Hepatology</i> , 2010 , 53, 630-8	13.4	92
57	Assessment of portal hypertension and high-risk oesophageal varices with liver and spleen three-dimensional multifrequency MR elastography in liver cirrhosis. <i>European Radiology</i> , 2014 , 24, 1394-402	8	82
56	Screening for liver fibrosis in the general population: a call for action. <i>The Lancet Gastroenterology and Hepatology</i> , 2016 , 1, 256-260	18.8	81

55	Dynamics of hepatitis B virus resistance to lamivudine. <i>Journal of Virology</i> , 2006 , 80, 643-53	6.6	80
54	Evolving practices of non-invasive markers of liver fibrosis in patients with chronic hepatitis C in France: time for new guidelines?. <i>Journal of Hepatology</i> , 2007 , 46, 528-9; author reply 529-30	13.4	74
53	Update on ultrasound imaging of liver fibrosis. <i>Journal of Hepatology</i> , 2013 , 59, 180-2	13.4	72
52	Non-invasive diagnosis of hepatic steatosis. <i>Hepatology International</i> , 2017 , 11, 70-78	8.8	64
51	Hepatitis C virus-induced hepatocellular steatosis. <i>American Journal of Gastroenterology</i> , 2005 , 100, 711-5.7		63
50	EFSUMB Guidelines and Recommendations on the Clinical Use of Liver Ultrasound Elastography, Update 2017 (Short Version). <i>Ultraschall in Der Medizin</i> , 2017 , 38, 377-394	3.8	62
49	EASL and AASLD recommendations for the diagnosis of HCC to the test of daily practice. <i>Liver International</i> , 2017 , 37, 1515-1525	7.9	61
48	Non-invasive assessment of liver fibrosis in chronic hepatitis C. <i>Hepatology International</i> , 2011 , 5, 625-348.8		59
47	Noninvasive Evaluation of Nonalcoholic Fatty Liver Disease. <i>Seminars in Liver Disease</i> , 2015 , 35, 291-303	7.3	56
46	Validation and comparison of simple noninvasive indexes for predicting liver fibrosis in HIV-HCV-coinfected patients: ANRS CO3 Aquitaine cohort. <i>American Journal of Gastroenterology</i> , 2008 , 103, 1973-80	0.7	55
45	Occult hepatitis B virus infection in HIV-infected patients with isolated antibodies to hepatitis B core antigen: Aquitaine cohort, 2002-2003. <i>Clinical Infectious Diseases</i> , 2005 , 40, 750-3	11.6	50
44	How to assess liver fibrosis in chronic hepatitis C: serum markers or transient elastography vs. liver biopsy?. <i>Liver International</i> , 2011 , 31 Suppl 1, 13-7	7.9	49
43	Serum laminin and type IV collagen are accurate markers of histologically severe alcoholic hepatitis in patients with cirrhosis. <i>Journal of Hepatology</i> , 2000 , 32, 412-8	13.4	46
42	The MTHFR 677C > T polymorphism is associated with an increased risk of hepatocellular carcinoma in patients with alcoholic cirrhosis. <i>Carcinogenesis</i> , 2004 , 25, 1443-8	4.6	45
41	Hepatitis B: are non-invasive markers of liver fibrosis reliable?. <i>Liver International</i> , 2014 , 34 Suppl 1, 91-6.7.9		41
40	Noninvasive Assessment of Liver Fibrosis. <i>Digestive Diseases</i> , 2015 , 33, 498-503	3.2	40
39	Patient-administered nitrous oxide/oxygen inhalation provides safe and effective analgesia for percutaneous liver biopsy: A randomized placebo-controlled trial. <i>American Journal of Gastroenterology</i> , 2001 , 96, 1553-1557	0.7	40
38	The Cobas AmpliPrep-Cobas TaqMan real-time polymerase chain reaction assay fails to detect hepatitis C virus RNA in highly viremic genotype 4 clinical samples. <i>Hepatology</i> , 2009 , 49, 1397-8	11.2	39

37	Diagnosis of liver fibrosis: present and future. <i>Seminars in Liver Disease</i> , 2015 , 35, 166-83	7.3	38
36	FibroScan and FibroTest to assess liver fibrosis in HCV with normal aminotransferases. <i>Hepatology</i> , 2006 , 43, 373-4; author reply 375-6	11.2	38
35	Influence of heat stress on human monocyte-derived dendritic cell functions with immunotherapeutic potential for antitumor vaccines. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 1179-87	6.5	35
34	Incidence of interferon alfa-induced depression in patients with chronic hepatitis C. <i>Hepatology</i> , 2002 , 35, 978-9	11.2	34
33	Radioembolisation with yttrium-90 microspheres versus sorafenib for treatment of advanced hepatocellular carcinoma (SARAH): study protocol for a randomised controlled trial. <i>Trials</i> , 2014 , 15, 474	2.8	32
32	Assessing liver fibrosis. <i>Expert Review of Gastroenterology and Hepatology</i> , 2008 , 2, 541-52	4.2	31
31	Characterization of fortuitously discovered focal liver lesions: additional information provided by shearwave elastography. <i>European Radiology</i> , 2015 , 25, 346-58	8	29
30	Genetic profiles of cervical tumors by high-throughput sequencing for personalized medical care. <i>Cancer Medicine</i> , 2015 , 4, 1484-93	4.8	28
29	Prevalence of and factors associated with hepatic steatosis in patients coinfectd with hepatitis C virus and HIV: Agence Nationale pour la Recherche contre le SIDA et les hépatites virales CO3 Aquitaine Cohort. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007 , 45, 168-73	3.1	26
28	A Glycomics-Based Test Predicts the Development of Hepatocellular Carcinoma in Cirrhosis. <i>Clinical Cancer Research</i> , 2017 , 23, 2750-2758	12.9	25
27	Outbreak of hepatitis C virus infection during sclerotherapy of varicose veins: long-term follow-up of 196 patients (4535 patient-years). <i>Journal of Hepatology</i> , 2007 , 46, 19-25	13.4	21
26	Psychosocial factors associated with perceived disease severity in patients with chronic hepatitis C: relationship with information sources and attentional coping styles. <i>Psychosomatics</i> , 2005 , 46, 25-33	2.6	21
25	Correlation of tumor response on computed tomography with pathological necrosis in hepatocellular carcinoma treated by chemoembolization before liver transplantation. <i>Liver Transplantation</i> , 2016 , 22, 1491-1500	4.5	20
24	TRIP: a pathological score for transarterial chemoembolization resistance individualized prediction in hepatocellular carcinoma. <i>Liver International</i> , 2015 , 35, 2466-73	7.9	19
23	Hepatitis B virus genotypes: a retrospective survey in Southwestern France, 1999-2004. <i>Gastroenterologie Clinique Et Biologique</i> , 2007 , 31, 1088-94		16
22	Full in-frame exon 3 skipping of confers high risk of breast and/or ovarian cancer. <i>Oncotarget</i> , 2018 , 9, 17334-17348	3.3	13
21	Non-invasive tests for liver fibrosis progression and regression. <i>Journal of Hepatology</i> , 2016 , 64, 232-3	13.4	11
20	Liver stiffness and hepatocellular carcinoma: liaisons dangereuses?. <i>Hepatology</i> , 2009 , 49, 1793-4	11.2	10

19	Histologic and noninvasive estimates of liver fibrosis. <i>Clinical Liver Disease</i> , 2015 , 6, 5-8	2.2	9
18	Hepatitis B vaccination in HIV-infected patients: a survey of physicians and patients participating in the Aquitaine cohort. <i>Gastroenterologie Clinique Et Biologique</i> , 2006 , 30, 189-95		9
17	Assessing liver disease in HIV-HCV coinfecting patients. <i>Current Opinion in HIV and AIDS</i> , 2015 , 10, 316-224.2		8
16	Epidemiological and phylogenetic evidence for patient-to-patient hepatitis C virus transmission during sclerotherapy of varicose veins. <i>Journal of Medical Virology</i> , 2005 , 76, 279-84	19.7	8
15	Are targeted treatment recommendations in chronic hepatitis C tailored to diagnostic methods of fibrosis?. <i>Journal of Hepatology</i> , 2017 , 66, 304-312	13.4	7
14	HEPACOM: multicenter, observational prospective study of outcome and monitoring of HCV positive antiviral-naïve patients managed in the French health care system. <i>Gastroenterologie Clinique Et Biologique</i> , 2007 , 31, 1074-80		7
13	Intratumoral gas in hepatocellular carcinoma following transarterial chemoembolization: associated factors and clinical impact. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 1623-31 ^{2,4}		6
12	Macrovesicular steatosis induced by interferon alfa therapy for chronic myelogenous leukaemia. <i>Liver International</i> , 1999 , 19, 259-60	7.9	6
11	Reply to "Points to be considered when using transient elastography for diagnosis of portal hypertension according to the Baveno® VI consensus". <i>Journal of Hepatology</i> , 2015 , 63, 1049-50	13.4	5
10	Screening the general population for cirrhosis using transient elastography: finding a needle in a haystack?. <i>Gut</i> , 2011 , 60, 883-4	19.2	5
9	Predictive value of early HCV RNA quantitation for sustained response in nonresponders receiving daily interferon and ribavirin therapy. <i>Journal of Medical Virology</i> , 2004 , 72, 46-51	19.7	5
8	Classification of 101 BRCA1 and BRCA2 variants of uncertain significance by cosegregation study: A powerful approach. <i>American Journal of Human Genetics</i> , 2021 , 108, 1907-1923	11	3
7	Interpreting liver stiffness in the cirrhotic range: What are we measuring?. <i>Journal of Hepatology</i> , 2009 , 50, 424-425	13.4	2
6	Reply:. <i>Hepatology</i> , 2007 , 46, 282-283	11.2	2
5	5RRegion Large Genomic Rearrangements in the Gene in French Families: Identification of a Tandem Triplication and Nine Distinct Deletions with Five Recurrent Breakpoints. <i>Cancers</i> , 2021 , 13,	6.6	2
4	Screening studies of transient elastography and FibroTest in the general population - AuthorsR reply. <i>The Lancet Gastroenterology and Hepatology</i> , 2017 , 2, 246-247	18.8	
3	Natural History of Chronic HCV Infection and Non-Invasive Assessment of Hepatic Fibrosis 2013 , 341-352		
2	Non-invasive diagnosis tests 2015 , 53-62		

- 1 Transient elastography vs. blood tests for the diagnosis of cirrhosis: An empiric victory. *Journal of Hepatology*, **2009**, 51, 229 13.4