

laurent Castera

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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.

130
papers

14,307
citations

51
h-index

119
g-index

144
ext. papers

18,156
ext. citations

7
avg, IF

6.88
L-index

#	Paper	IF	Citations
130	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
129	Non-invasive evaluation of liver fibrosis using transient elastography. <i>Journal of Hepatology</i> , 2008 , 48, 835-47	13.4	964
128	A new definition for metabolic dysfunction-associated fatty liver disease: An international expert consensus statement. <i>Journal of Hepatology</i> , 2020 , 73, 202-209	13.4	764
127	Pitfalls of liver stiffness measurement: a 5-year prospective study of 13,369 examinations. <i>Hepatology</i> , 2010 , 51, 828-35	11.2	736
126	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
125	Noninvasive methods to assess liver disease in patients with hepatitis B or C. <i>Gastroenterology</i> , 2012 , 142, 1293-1302.e4	13.3	455
124	Noninvasive Assessment of Liver Disease in Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2019 , 156, 1264-1281.e4	13.3	447
123	Efficacy and safety of selective internal radiotherapy with yttrium-90 resin microspheres compared with sorafenib in locally advanced and inoperable hepatocellular carcinoma (SARAH): an open-label randomised controlled phase 3 trial. <i>Lancet Oncology</i> , 2017 , 18, 1624-1636	21.7	400
122	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
121	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
120	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
119	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
118	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
117	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
116	Non invasive evaluation of portal hypertension using transient elastography. <i>Journal of Hepatology</i> , 2012 , 56, 696-703	13.4	231
115	Meta-analyses of FibroTest diagnostic value in chronic liver disease. <i>BMC Gastroenterology</i> , 2007 , 7, 40	3	223
114	Assessment of biopsy-proven liver fibrosis by two-dimensional shear wave elastography: An individual patient data-based meta-analysis. <i>Hepatology</i> , 2018 , 67, 260-272	11.2	213

113	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
112	Pain experienced during percutaneous liver biopsy. <i>Hepatology</i> , 1999 , 30, 1529-30	11.2	204
111	Noninvasive evaluation of NAFLD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013 , 10, 666-75	24.2	198
110	Liver Ultrasound Elastography: An Update to the World Federation for Ultrasound in Medicine and Biology Guidelines and Recommendations. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 2419-2440	3.5	195
109	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
108	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
107	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
106	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
105	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
104	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
103	Critical comparison of elastography methods to assess chronic liver disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 402-11	24.2	154
102	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
101	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
100	Quantitative Elastography Methods in Liver Disease: Current Evidence and Future Directions. <i>Radiology</i> , 2018 , 286, 738-763	20.5	145
99	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
98	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
97	Non-invasive assessment of liver fibrosis: are we ready?. <i>Lancet, The</i> , 2010 , 375, 1419-20	40	106
96	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

95	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
94	EASL Clinical Practice Guidelines on non-invasive tests for evaluation of liver disease severity and prognosis - 2021 update. <i>Journal of Hepatology</i> , 2021 , 75, 659-689	13.4	102
93	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
92	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
91	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
90	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
89	Case definitions for inclusion and analysis of endpoints in clinical trials for nonalcoholic steatohepatitis through the lens of regulatory science. <i>Hepatology</i> , 2018 , 67, 2001-2012	11.2	79
88	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
87	Update on ultrasound imaging of liver fibrosis. <i>Journal of Hepatology</i> , 2013 , 59, 180-2	13.4	72
86	Non-invasive diagnosis of hepatic steatosis. <i>Hepatology International</i> , 2017 , 11, 70-78	8.8	64
85	Hepatitis C virus-induced hepatocellular steatosis. <i>American Journal of Gastroenterology</i> , 2005 , 100, 711-5.7		63
84	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
83	Non-invasive assessment of liver fibrosis in chronic hepatitis C. <i>Hepatology International</i> , 2011 , 5, 625-348.8		59
82	Noninvasive Evaluation of Nonalcoholic Fatty Liver Disease. <i>Seminars in Liver Disease</i> , 2015 , 35, 291-303 ^{7.3}		56
81	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
80	Transient elastography for screening of liver fibrosis: Cost-effectiveness analysis from six prospective cohorts in Europe and Asia. <i>Journal of Hepatology</i> , 2019 , 71, 1141-1151	13.4	51
79	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
78	Mechanistic signatures of HPV insertions in cervical carcinomas. <i>Npj Genomic Medicine</i> , 2016 , 1, 16004	6.2	48

77	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
76	Diagnosis of non-alcoholic fatty liver disease/non-alcoholic steatohepatitis: Non-invasive tests are enough. <i>Liver International</i> , 2018 , 38 Suppl 1, 67-70	7.9	43
75	Relationship of Tumor Radiation-absorbed Dose to Survival and Response in Hepatocellular Carcinoma Treated with Transarterial Radioembolization with Y in the SARAH Study. <i>Radiology</i> , 2020 , 296, 673-684	20.5	41
74	Hepatitis B: are non-invasive markers of liver fibrosis reliable?. <i>Liver International</i> , 2014 , 34 Suppl 1, 91-67.9	6.7	41
73	Noninvasive Assessment of Liver Fibrosis. <i>Digestive Diseases</i> , 2015 , 33, 498-503	3.2	40
72	Landscape of pathogenic variations in a panel of 34 genes and cancer risk estimation from 5131 HBOC families. <i>Genetics in Medicine</i> , 2018 , 20, 1677-1686	8.1	40
71	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
70	Refining the Baveno VI elastography criteria for the definition of compensated advanced chronic liver disease. <i>Journal of Hepatology</i> , 2021 , 74, 1109-1116	13.4	39
69	Diagnosis of liver fibrosis: present and future. <i>Seminars in Liver Disease</i> , 2015 , 35, 166-83	7.3	38
68	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
67	Advancing the global public health agenda for NAFLD: a consensus statement. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 ,	24.2	37
66	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
65	Overestimation of liver fibrosis staging using transient elastography in patients with chronic hepatitis C and significant liver inflammation. <i>Antiviral Therapy</i> , 2009 , 14, 187-193	1.6	35
64	Incidence of interferon alfa-induced depression in patients with chronic hepatitis C. <i>Hepatology</i> , 2002 , 35, 978-9	11.2	34
63	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
62	EMMA, a cost- and time-effective diagnostic method for simultaneous detection of point mutations and large-scale genomic rearrangements: application to BRCA1 and BRCA2 in 1,525 patients. <i>Human Mutation</i> , 2011 , 32, 325-34	4.7	31
61	Assessing liver fibrosis. <i>Expert Review of Gastroenterology and Hepatology</i> , 2008 , 2, 541-52	4.2	31
60	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, 1553-7	0.7	31

59	Characterization of fortuitously discovered focal liver lesions: additional information provided by shearwave elastography. <i>European Radiology</i> , 2015 , 25, 346-58	8	29
58	Quantification of hepatic steatosis with ultrasound: promising role of attenuation imaging coefficient in a biopsy-proven cohort. <i>European Radiology</i> , 2020 , 30, 2293-2301	8	29
57	Detecting splicing patterns in genes involved in hereditary breast and ovarian cancer. <i>European Journal of Human Genetics</i> , 2017 , 25, 1147-1154	5.3	28
56	Genetic profiles of cervical tumors by high-throughput sequencing for personalized medical care. <i>Cancer Medicine</i> , 2015 , 4, 1484-93	4.8	28
55	Non-invasive tests for liver fibrosis in NAFLD: Creating pathways between primary healthcare and liver clinics. <i>Liver International</i> , 2020 , 40 Suppl 1, 77-81	7.9	26
54	Prevalence of and factors associated with hepatic steatosis in patients coinfecting 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
53	A Glycomics-Based Test Predicts the Development of Hepatocellular Carcinoma in Cirrhosis. <i>Clinical Cancer Research</i> , 2017 , 23, 2750-2758	12.9	25
52	Ultrasonic Adaptive Sound Speed Estimation for the Diagnosis and Quantification of Hepatic Steatosis: A Pilot Study. <i>Ultraschall in Der Medizin</i> , 2019 , 40, 722-733	3.8	23
51	2D shear wave liver elastography by Aixplorer to detect portal hypertension in cirrhosis: An individual patient data meta-analysis. <i>Liver International</i> , 2020 , 40, 1435-1446	7.9	22
50	Contribution of germline deleterious variants in the RAD51 paralogs to breast and ovarian cancers. <i>European Journal of Human Genetics</i> , 2017 , 25, 1345-1353	5.3	21
49	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
48	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
47	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
46	Disease burden and economic impact of diagnosed non-alcoholic steatohepatitis in five European countries in 2018: A cost-of-illness analysis. <i>Liver International</i> , 2021 , 41, 1227-1242	7.9	20
45	TRIP: a pathological score for transarterial chemoembolization resistance individualized prediction in hepatocellular carcinoma. <i>Liver International</i> , 2015 , 35, 2466-73	7.9	19
44	Two-dimensional shear wave elastography predicts survival in advanced chronic liver disease. <i>Gut</i> , 2021 ,	19.2	16
43	Apoptosis-related mitochondrial dysfunction defines human monocyte-derived dendritic cells with impaired immuno-stimulatory capacities. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1321-35	5.6	14
42	Ultrasonic fat fraction quantification using in vivo adaptive sound speed estimation. <i>Physics in Medicine and Biology</i> , 2018 , 63, 215013	3.8	14

41	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
40	OutLyzer: software for extracting low-allele-frequency tumor mutations from sequencing background noise in clinical practice. <i>Oncotarget</i> , 2016 , 7, 79485-79493	3.3	12
39	Non-invasive tests for liver fibrosis progression and regression. <i>Journal of Hepatology</i> , 2016 , 64, 232-3	13.4	11
38	Liver stiffness and hepatocellular carcinoma: liaisons dangereuses?. <i>Hepatology</i> , 2009 , 49, 1793-4	11.2	10
37	Histologic and noninvasive estimates of liver fibrosis. <i>Clinical Liver Disease</i> , 2015 , 6, 5-8	2.2	9
36	A Global Survey of Physicians Knowledge About Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2021 ,	6.9	9
35	Liver Stiffness by Transient Elastography to Detect Porto-Sinusoidal Vascular Liver Disease With Portal Hypertension. <i>Hepatology</i> , 2021 , 74, 364-378	11.2	9
34	Assessing liver disease in HIV-HCV coinfecting patients. <i>Current Opinion in HIV and AIDS</i> , 2015 , 10, 316-224.2	4.2	8
33	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
32	Population screening for liver fibrosis: Toward early diagnosis and intervention for chronic liver diseases. <i>Hepatology</i> , 2021 ,	11.2	8
31	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
30	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
29	Biological response under treatment and prognostic value of protein induced by vitamin K absence or antagonist-II in a French cohort of patients with hepatocellular carcinoma. <i>European Journal of Gastroenterology and Hepatology</i> , 2020 , 32, 1364-1372	2.2	6
28	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
27	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
26	Performance of liver biomarkers, in patients at risk of nonalcoholic steato-hepatitis, according to presence of type-2 diabetes. <i>European Journal of Gastroenterology and Hepatology</i> , 2020 , 32, 998-1007	2.2	5
25	Low accuracy of FIB-4 and NAFLD fibrosis scores for screening for liver fibrosis in the population.. <i>Clinical Gastroenterology and Hepatology</i> , 2021 ,	6.9	5
24	Biomarkers in liver disease: emerging methods and potential applications. <i>International Journal of Hepatology</i> , 2012 , 2012, 437508	2.7	4

23	Noninvasive diagnosis of liver fibrosis in patients with chronic hepatitis C. <i>MedGenMed: Medscape General Medicine</i> , 2005 , 7, 39		3
22	Prospective external validation of a new non-invasive test for the diagnosis of non-alcoholic steatohepatitis in patients with type 2 diabetes. <i>Alimentary Pharmacology and Therapeutics</i> , 2021 , 54, 952-966	6.1	3
21	Liver surface nodularity on non-contrast MRI identifies advanced fibrosis in patients with NAFLD. <i>European Radiology</i> , 2021 , 1	8	3
20	Interpreting liver stiffness in the cirrhotic range: What are we measuring?. <i>Journal of Hepatology</i> , 2009 , 50, 424-425	13.4	2
19	Reply:. <i>Hepatology</i> , 2007 , 46, 282-283	11.2	2
18	Liver Stiffness by Ultrasound Elastography 2018 , 95-111		1
17	Non-invasive Fibrosis Testing in Patients with Chronic Hepatitis B. <i>Current Hepatology Reports</i> , 2018 , 17, 492-501	1	1
16	Prospective comparison of transient elastography, MRI and serum scores for grading steatosis and detecting non-alcoholic steatohepatitis in bariatric surgery candidates. <i>JHEP Reports</i> , 2021 , 3, 100381	10.3	1
15	Impact of non-invasive biomarkers on hepatology practice: Past, present and future.. <i>Journal of Hepatology</i> , 2022 , 76, 1362-1378	13.4	1
14	2D-shear wave elastography: number of acquisitions can be reduced according to clinical setting. <i>Insights Into Imaging</i> , 2021 , 12, 145	5.6	0
13	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	
12	Noninvasive markers of fibrosis: how reliable are they? 2020 , 1-8		
11	How to Screen? 2016 , 51-62		
10	Natural History of Chronic HCV Infection and Non-Invasive Assessment of Hepatic Fibrosis 2013 , 341-352		
9	BRCA1 allele-specific expression in genetic predisposed breast/ovarian cancer. <i>Familial Cancer</i> , 2017 , 16, 167-171	3	
8	Non-invasive diagnosis tests 2015 , 53-62		
7	Transient elastography vs. blood tests for the diagnosis of cirrhosis: An empiric victory. <i>Journal of Hepatology</i> , 2009 , 51, 229	13.4	
6	Liver Diseases, Noninvasive Diagnosis and Staging of 2020 , 429-435		

5 Impact psychologique de l'annonce du diagnostic de hépatite chronique C **2009**, 65-71

4 NON-INVASIVE DIAGNOSIS AND FOLLOW-UP OF PORTAL HYPERTENSION. *Clinics and Research in Hepatology and Gastroenterology*, **2021**, 101767 2.4

3 Noninvasive Tests of Liver Fibrosis **2019**, 445-453

2 Assessment of Liver Disease Severity **2021**, 1-20

1 Elastography Methods to Assess Chronic Liver Diseases: A Critical Comparison **2021**, 143-158