

# Johan F Lock

## 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.

84  
papers

1,410  
citations

19  
h-index

35  
g-index

130  
ext. papers

1,747  
ext. citations

3  
avg, IF

4.34  
L-index

#	Paper	IF	Citations
84	Prediction of postoperative outcome after hepatectomy with a new bedside test for maximal liver function capacity. <i>Annals of Surgery</i> , <b>2009</b> , 250, 119-25	7.8	182
83	The LiMAx test: a new liver function test for predicting postoperative outcome in liver surgery. <i>Hpb</i> , <b>2010</b> , 12, 139-46	3.8	147
82	Early diagnosis of primary nonfunction and indication for reoperation after liver transplantation. <i>Liver Transplantation</i> , <b>2010</b> , 16, 172-80	4.5	85
81	Early diagnosis of liver failure in septic patients using the maximal liver function capacity test (LiMAx test): comparison with conventional methods. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
80	How to define initial poor graft function after liver transplantation? - a new functional definition by the LiMAx test. <i>Transplant International</i> , <b>2010</b> , 23, 1023-32	3	60
79	Elevated hepatic chemerin mRNA expression in human non-alcoholic fatty liver disease. <i>European Journal of Endocrinology</i> , <b>2013</b> , 169, 547-57	6.5	58
78	Accidentally ingested toothpicks causing severe gastrointestinal injury: a practical guideline for diagnosis and therapy based on 136 case reports. <i>World Journal of Surgery</i> , <b>2014</b> , 38, 371-7	3.3	51
77	Function and volume recovery after partial hepatectomy: influence of preoperative liver function, residual liver volume, and obesity. <i>Langenbeck's Archives of Surgery</i> , <b>2012</b> , 397, 1297-304	3.4	46
76	Early diagnosis of sepsis-related hepatic dysfunction and its prognostic impact on survival: a prospective study with the LiMAx test. <i>Critical Care</i> , <b>2013</b> , 17, R259	10.8	43
75	Reliable assessment of liver function using LiMAx. <i>Journal of Surgical Research</i> , <b>2015</b> , 193, 184-9	2.5	36
74	Enzymatic liver function capacity correlates with disease severity of patients with liver cirrhosis: a study with the LiMAx test. <i>Digestive Diseases and Sciences</i> , <b>2014</b> , 59, 2983-91	4	34
73	The costs of postoperative liver failure and the economic impact of liver function capacity after extended liver resection--a single-center experience. <i>Langenbeck's Archives of Surgery</i> , <b>2009</b> , 394, 1047-56	3.4	34
72	The Treatment of Incisional Hernia. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2018</b> , 115, 31-37	2.5	30
71	The use of bedside electromagnetically guided nasointestinal tube for jejunal feeding of critical ill surgical patients. <i>Technology and Health Care</i> , <b>2013</b> , 21, 1-8	1.1	23
70	LiMAx Test Improves Diagnosis of Chemotherapy-Associated Liver Injury Before Resection of Colorectal Liver Metastases. <i>Annals of Surgical Oncology</i> , <b>2017</b> , 24, 2447-2455	3.1	22
69	Modulation of insulin degrading enzyme activity and liver cell proliferation. <i>Cell Cycle</i> , <b>2015</b> , 14, 2293-300	4.7	22
68	Nonalcoholic steatohepatitis and liver steatosis modify partial hepatectomy recovery. <i>Journal of Investigative Surgery</i> , <b>2015</b> , 28, 24-31	1.2	21

67	Treatment of recurrent hepatocellular carcinoma confined to the liver with repeated resection and radiofrequency ablation: a single center experience. <i>Technology and Health Care</i> , <b>2013</b> , 21, 9-18	1.1	21
66	Transforming growth factor $\beta$ polymorphisms and progression of graft fibrosis after liver transplantation for hepatitis C virus--induced liver disease. <i>Liver Transplantation</i> , <b>2011</b> , 17, 279-88	4.5	20
65	The cost of graft failure and other severe complications after liver transplantation - experience from a German Transplant Center. <i>Annals of Transplantation</i> , <b>2010</b> , 15, 11-8	1.4	18
64	ANGPTL8 (Betatrophin) is Expressed in Visceral Adipose Tissue and Relates to Human Hepatic Steatosis in Two Independent Clinical Collectives. <i>Hormone and Metabolic Research</i> , <b>2017</b> , 49, 343-349	3.1	16
63	Fetuin A is a Predictor of Liver Fat in Preoperative Patients with Nonalcoholic Fatty Liver Disease. <i>Journal of Investigative Surgery</i> , <b>2016</b> , 29, 266-74	1.2	16
62	Systemic influence of immunosuppressive drugs on small and large bowel transport and barrier function. <i>Transplant International</i> , <b>2011</b> , 24, 184-93	3	16
61	Increased lipogenesis in spite of upregulated hepatic 5AMP-activated protein kinase in human non-alcoholic fatty liver. <i>Hepatology Research</i> , <b>2017</b> , 47, 890-901	5.1	15
60	Predicting the prognosis in acute liver failure: results from a retrospective pilot study using the LiMAx test. <i>Annals of Hepatology</i> , <b>2013</b> , 12, 388-394	3.1	15
59	The Open Abdomen Route by EuraHS: introduction of the data set and initial results of procedures and procedure-related complications. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , <b>2017</b> , 21, 279-289	3.2	13
58	Preliminary study on liver function changes after trisectionectomy with versus without prior portal vein embolization. <i>Surgery Today</i> , <b>2016</b> , 46, 1053-61	3	13
57	Initial liver graft function is a reliable predictor of tacrolimus trough levels during the first post-transplant week. <i>Clinical Transplantation</i> , <b>2011</b> , 25, 436-43	3.8	13
56	Factors influencing the indocyanine green (ICG) test: additional impact of acute cholestasis. <i>Hepato-Gastroenterology</i> , <b>2009</b> , 56, 734-8		13
55	Predicting the prognosis in acute liver failure: results from a retrospective pilot study using the LiMAx test. <i>Annals of Hepatology</i> , <b>2013</b> , 12, 556-62	3.1	13
54	Kinetic validation of the LiMAx test during 10 000 intravenous C-methacetin breath tests. <i>Journal of Breath Research</i> , <b>2017</b> , 12, 016005	3.1	12
53	CT-guided high-dose-rate brachytherapy of liver tumours does not impair hepatic function and shows high overall safety and favourable survival rates. <i>Annals of Surgical Oncology</i> , <b>2014</b> , 21, 4284-92	3.1	12
52	Factors influencing hypertrophy of the left lateral liver lobe after portal vein embolization. <i>Langenbeck's Archives of Surgery</i> , <b>2015</b> , 400, 237-46	3.4	12
51	Interpretation of non-invasive breath tests using (13)C-labeled substrates--a preliminary report with (13)C-methacetin. <i>European Journal of Medical Research</i> , <b>2009</b> , 14, 547-50	4.8	11
50	Randomized clinical trial comparing liver resection with and without perioperative assessment of liver function. <i>BJS Open</i> , <b>2018</b> , 2, 301-309	3.9	11

49	Noninvasive diagnosis of chemotherapy induced liver injury by LiMAX test--two case reports and a review of the literature. <i>BMC Research Notes</i> , <b>2015</b> , 8, 99	2.3	10
48	Neoadjuvant immunotherapy with combined ipilimumab and nivolumab in patients with melanoma with primary or in transit disease. <i>British Journal of Dermatology</i> , <b>2020</b> , 183, 559-563	4	10
47	Effect of tacrolimus dosing on glucose metabolism in an experimental rat model. <i>Annals of Transplantation</i> , <b>2010</b> , 15, 60-5	1.4	10
46	Gastrointestinal Complications After Pancreatoduodenectomy With Epidural vs Patient-Controlled Intravenous Analgesia: A Randomized Clinical Trial. <i>JAMA Surgery</i> , <b>2020</b> , 155, e200794	5.4	9
45	Changes in appendicitis treatment during the COVID-19 pandemic - A systematic review and meta-analysis. <i>International Journal of Surgery</i> , <b>2021</b> , 95, 106148	7.5	9
44	Toxic drug-induced liver failure during therapy of rheumatoid arthritis with tocilizumab subcutaneously: a case report. <i>Rheumatology</i> , <b>2017</b> , 56, 1628-1629	3.9	8
43	Correlation between plasma endothelin-1 levels and severity of septic liver failure quantified by maximal liver function capacity (LiMAX test). A prospective study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178237	3.7	8
42	Hepatic angiomyolipoma: A case report and literature review. <i>International Journal of Surgery Case Reports</i> , <b>2020</b> , 77, 345-348	0.8	7
41	Growth hormone/insulin-like growth factor 1 dynamics in adult living donor liver transplantation. <i>Liver Transplantation</i> , <b>2014</b> , 20, 1118-26	4.5	7
40	Assessment of hepatic detoxification activity: proposal of an improved variant of the (13)c-methacetin breath test. <i>PLoS ONE</i> , <b>2013</b> , 8, e70780	3.7	6
39	Impact of Borderline Resectability in Pancreatic Head Cancer on Patient Survival: Biology Matters According to the New International Consensus Criteria. <i>Annals of Surgical Oncology</i> , <b>2021</b> , 28, 2325-2336 <sup>3.1</sup>	3.1	6
38	Evaluation of early liver graft performance by the indocyanine green plasma disappearance rate. <i>Liver Transplantation</i> , <b>2010</b> , 16, 793-4; author reply 795-6	4.5	5
37	Liver Status Assessment by Spectrally and Time Resolved IR Detection of Drug Induced Breath Gas Changes. <i>Photonics</i> , <b>2016</b> , 3, 31	2.2	5
36	Brain Metastases from Colorectal Cancer: A Systematic Review of the Literature and Meta-Analysis to Establish a Guideline for Daily Treatment. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
35	How far is the development of 13C-liver-function breath tests?. <i>Digestive Diseases and Sciences</i> , <b>2013</b> , 58, 1804-5	4	4
34	1073 ACCURATE DIAGNOSIS AND GRADING OF CIRRHOSIS USING THE NEW LIMAX TEST. <i>Journal of Hepatology</i> , <b>2012</b> , 56, S422	13.4	4
33	Factors influencing the fascial closure rate after open abdomen treatment: Results from the European Hernia Society (EuraHS) Registry : Surgical technique matters. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , <b>2020</b> , 1	3.2	4
32	Validation of the German Classification of Diverticular Disease (VADIS)-a prospective bicentric observational study. <i>International Journal of Colorectal Disease</i> , <b>2021</b> , 36, 103-115	3	4

31	Systematic review and meta-analysis on volume-outcome relationship of abdominal surgical procedures in Germany. <i>International Journal of Surgery</i> , <b>2021</b> , 86, 24-31	7.5	4
30	The Indications for and Timing of Surgery for Diverticular Disease. <i>Deutsches A&amp;#x0308;rzblatt International</i> , <b>2020</b> , 117, 591-596	2.5	3
29	Prognostic impact of simultaneous venous resections during surgery for resectable pancreatic cancer. <i>Hpb</i> , <b>2020</b> , 22, 1384-1393	3.8	2
28	Leberresektionen – was ist perioperativ zu beachten?. <i>Viszeralmedizin</i> , <b>2011</b> , 27, 65-73		2
27	Notfallmanagement der perforierten Sigmadivertikulitis und Blutung. <i>Coloproctology</i> , <b>2018</b> , 40, 331-338	0.2	2
26	Perioperative management of anticoagulant therapy. <i>Innovative Surgical Sciences</i> , <b>2019</b> , 4, 144-151	0.8	1
25	A NEW FUNCTIONAL DEFINITION OF INITIAL POOR FUNCTION AFTER LIVER TRANSPLANTATION. <i>Transplantation</i> , <b>2010</b> , 90, 412	1.8	1
24	D-Liver - a New Approach for Bridging Therapy to Transplantation of the Chronic Liver Failure Patient. <i>Transplantation</i> , <b>2012</b> , 94, 287	1.8	1
23	Laparoscopic appendectomy versus antibiotic treatment for acute appendicitis-a systematic review. <i>International Journal of Colorectal Disease</i> , <b>2021</b> , 36, 2283-2286	3	1
22	Managing esophagocutaneous fistula after secondary gastric pull-up: A case report. <i>World Journal of Gastroenterology</i> , <b>2021</b> , 27, 1841-1846	5.6	1
21	Preoperative Liver Function Guiding HCC Resection in Normal and Cirrhotic Liver. <i>Visceral Medicine</i> , <b>2021</b> , 37, 94-101	2.4	1
20	Defining the Scope of Antimicrobial Stewardship Interventions on the Prescription Quality of Antibiotics for Surgical Intra-Abdominal Infections. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	1
19	Critical Care Setting of Bedside Positioning of Electromagnetically Guided Nasointestinal Tubes <b>2014</b> , 1-9		1
18	Schwerstverletztenversorgung in der Allgemein- und Viszeralchirurgie. <i>Allgemein- Und Viszeralchirurgie Update</i> , <b>2017</b> , 11, 297-317	0.3	0
17	Markedly increased risk of postoperative bleeding complications during perioperative bridging anticoagulation in general and visceral surgery. <i>Perioperative Medicine (London, England)</i> , <b>2020</b> , 9, 39	2.8	0
16	Successful surgical closure of infected abdominal wounds following preconditioning with negative pressure wound therapy. <i>Langenbeck's Archives of Surgery</i> , <b>2021</b> , 406, 2479-2487	3.4	0
15	Perioperativer Umgang mit Antikoagulation. <i>Wiener Klinisches Magazin: Beilage Zur Wiener Klinischen Wochenschrift</i> , <b>2018</b> , 21, 150-157	0	
14	CORRELATION OF MELD AND OTHER PARAMETERS WITH QUANTITATIVE LIVER FUNCTION CAPACITY MEASURED BY THE LIMAX TEST IN CIRRHOTIC PATIENTS BEFORE LIVER TRANSPLANTATION. <i>Transplantation</i> , <b>2010</b> , 90, 808	1.8	

13	A New Method for Outcome Prediction of Acute Liver Failure - Pilot Study with the LiMAX Test. <i>Transplantation</i> , <b>2012</b> , 94, 408	1.8
12	Graft Dysfunction after Liver Transplantation: Early Diagnosis and Risk Factors. <i>Transplantation</i> , <b>2012</b> , 94, 430	1.8
11	Prediction of Six and Twelve Month Mortality by Patients with Liver Cirrhosis Using a New LiMAX Test. <i>Transplantation</i> , <b>2012</b> , 94, 669	1.8
10	D-Liver - a New Approach for Bridging Therapy to Transplantation of the Chronic Liver Failure Patient. <i>Transplantation</i> , <b>2012</b> , 94, 798	1.8
9	Personalized Pharmacotherapy after Liver Transplantation - the GRAFTT Trial to Control Tacrolimus Dosing. <i>Transplantation</i> , <b>2012</b> , 94, 748	1.8
8	Graft Dysfunction after Liver Transplantation: Early Diagnosis and Risk Factors. <i>Transplantation</i> , <b>2012</b> , 94, 304	1.8
7	MIGHT THE MELD SCORE GET BETTER USING A DIRECT LIVER FUNCTION TEST (LIMAX TEST)?. <i>Transplantation</i> , <b>2010</b> , 90, 772	1.8
6	Critical Care Setting of Bedside Positioning of Electromagnetically Guided Nasointestinal Tubes <b>2015</b> , 1339-1346	
5	Improved perioperative management using LiMAX test in liver surgery [preliminary results from the randomized Fast-track LiveR trial. <i>Zeitschrift Fur Gastroenterologie</i> , <b>2016</b> , 54, 1343-1404	1.6
4	Preoperative evaluation of liver function in patients with hepatocellular carcinoma using the LiMAX test <b>2017</b> , 55,	
3	Successful management of therapy-refractory pseudoachalasia after Ivor Lewis esophagectomy by bypassing colonic pull-up: A case report. <i>World Journal of Clinical Cases</i> , <b>2021</b> , 9, 3971-3978	1.6
2	Intraabdominelle Infektionen <b>2021</b> , 109-153	
1	Cancer diagnosis is one quarter lower than the expected cancer incidence in the first year of COVID-19 pandemic in Germany: A retrospective register-based cohort study. <i>Cancer Communications</i> ,	9.4