

Johan F Lock

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,935
citations

304602

22
h-index

289141

40
g-index

130
all docs

130
docs citations

130
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Postoperative Outcome After Hepatectomy With a New Bedside Test for Maximal Liver Function Capacity. <i>Annals of Surgery</i> , 2009, 250, 119-125.	2.1	235
2	The LiMAx test: a new liver function test for predicting postoperative outcome in liver surgery. <i>Hpb</i> , 2010, 12, 139-146.	0.1	197
3	Early diagnosis of primary nonfunction and indication for reoperation after liver transplantation. <i>Liver Transplantation</i> , 2010, 16, 172-180.	1.3	105
4	Elevated hepatic chemerin mRNA expression in human non-alcoholic fatty liver disease. <i>European Journal of Endocrinology</i> , 2013, 169, 547-557.	1.9	69
5	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> , 2014, 38, 371-377.	0.8	66
6	How to define initial poor graft function after liver transplantation? - a new functional definition by the LiMAx test. <i>Transplant International</i> , 2010, 23, 1023-1032.	0.8	64
7	Function and volume recovery after partial hepatectomy: influence of preoperative liver function, residual liver volume, and obesity. <i>Langenbeck's Archives of Surgery</i> , 2012, 397, 1297-1304.	0.8	58
8	Changes in appendicitis treatment during the COVID-19 pandemic – A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2021, 95, 106148.	1.1	54
9	Early diagnosis of sepsis-related hepatic dysfunction and its prognostic impact on survival: a prospective study with the LiMAx test. <i>Critical Care</i> , 2013, 17, R259.	2.5	53
10	The Treatment of Incisional Hernia. <i>Deutsches A&#x0308;rztblatt International</i> , 2018, 115, 31-37.	0.6	53
11	Reliable assessment of liver function using LiMAx. <i>Journal of Surgical Research</i> , 2015, 193, 184-189.	0.8	45
12	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> , 2009, 394, 1047-1056.	0.8	41
13	Gastrointestinal Complications After Pancreatoduodenectomy With Epidural vs Patient-Controlled Intravenous Analgesia. <i>JAMA Surgery</i> , 2020, 155, e200794.	2.2	37
14	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> , 2014, 59, 2983-2991.	1.1	36
15	Modulation of insulin degrading enzyme activity and liver cell proliferation. <i>Cell Cycle</i> , 2015, 14, 2293-2300.	1.3	36
16	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> , 2013, 21, 9-18.	0.5	28
17	The use of bedside electromagnetically guided nasointestinal tube for jejunal feeding of critical ill surgical patients. <i>Technology and Health Care</i> , 2013, 21, 1-8.	0.5	26
18	LiMAx Test Improves Diagnosis of Chemotherapy-Associated Liver Injury Before Resection of Colorectal Liver Metastases. <i>Annals of Surgical Oncology</i> , 2017, 24, 2447-2455.	0.7	25

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19	Brain Metastases from Colorectal Cancer: A Systematic Review of the Literature and Meta-Analysis to Establish a Guideline for Daily Treatment. <i>Cancers</i> , 2021, 13, 900.	1.7	25
20	Predicting the prognosis in acute liver failure: results from a retrospective pilot study using the LiMAX test. <i>Annals of Hepatology</i> , 2013, 12, 388-394.	0.6	24
21	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> , 2017, 49, 343-349.	0.7	24
22	Transforming growth factor Î²1 polymorphisms and progression of graft fibrosis after liver transplantation for hepatitis C virus-induced liver disease. <i>Liver Transplantation</i> , 2011, 17, 279-288.	1.3	23
23	Nonalcoholic Steatohepatitis and Liver Steatosis Modify Partial Hepatectomy Recovery. <i>Journal of Investigative Surgery</i> , 2015, 28, 24-31.	0.6	23
24	Increased lipogenesis in spite of upregulated hepatic 5'AMP-activated protein kinase in human non-alcoholic fatty liver. <i>Hepatology Research</i> , 2017, 47, 890-901.	1.8	22
25	Systemic influence of immunosuppressive drugs on small and large bowel transport and barrier function. <i>Transplant International</i> , 2011, 24, 184-193.	0.8	21
26	Kinetic validation of the LiMAX test during 10 000 intravenous ¹³ C-methacetin breath tests. <i>Journal of Breath Research</i> , 2018, 12, 016005.	1.5	21
27	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> , 2021, 28, 2325-2336.	0.7	21
28	The cost of graft failure and other severe complications after liver transplantation - experience from a German Transplant Center. <i>Annals of Transplantation</i> , 2010, 15, 11-8.	0.5	21
29	Fetuin A is a Predictor of Liver Fat in Preoperative Patients with Nonalcoholic Fatty Liver Disease. <i>Journal of Investigative Surgery</i> , 2016, 29, 266-274.	0.6	20
30	Randomized clinical trial comparing liver resection with and without perioperative assessment of liver function. <i>BJS Open</i> , 2018, 2, 301-309.	0.7	18
31	Neoadjuvant immunotherapy with combined ipilimumab and nivolumab in patients with melanoma with primary or in transit disease. <i>British Journal of Dermatology</i> , 2020, 183, 559-563.	1.4	18
32	Factors influencing hypertrophy of the left lateral liver lobe after portal vein embolization. <i>Langenbeck's Archives of Surgery</i> , 2015, 400, 237-246.	0.8	17
33	Preliminary study on liver function changes after trisectionectomy with versus without prior portal vein embolization. <i>Surgery Today</i> , 2016, 46, 1053-1061.	0.7	17
34	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> , 2017, 21, 279-289.	0.9	16
35	Validation of the German Classification of Diverticular Disease (VADIS)â€”a prospective bicentric observational study. <i>International Journal of Colorectal Disease</i> , 2021, 36, 103-115.	1.0	16
36	Defining the Scope of Antimicrobial Stewardship Interventions on the Prescription Quality of Antibiotics for Surgical Intra-Abdominal Infections. <i>Antibiotics</i> , 2021, 10, 73.	1.5	16

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37	Initial liver graft function is a reliable predictor of tacrolimus trough levels during the first postâ€transplant week. <i>Clinical Transplantation</i> , 2011, 25, 436-443.	0.8	15
38	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> , 2014, 21, 4284-4292.	0.7	14
39	Factors influencing the indocyanine green (ICG) test: additional impact of acute cholestasis. <i>Hepato-Gastroenterology</i> , 2009, 56, 734-8.	0.5	14
40	Predicting the prognosis in acute liver failure: results from a retrospective pilot study using the LiMAX test. <i>Annals of Hepatology</i> , 2013, 12, 556-62.	0.6	14
41	Markedly increased risk of postoperative bleeding complications during perioperative bridging anticoagulation in general and visceral surgery. <i>Perioperative Medicine (London, England)</i> , 2020, 9, 39.	0.6	13
42	Interpretation of non-invasive breath tests using 13C-labeled substrates - a preliminary report with 13C-methacetin. <i>European Journal of Medical Research</i> , 2009, 14, 547.	0.9	12
43	Factors influencing the fascial closure rate after open abdomen treatment: Results from the European Hernia Society (EuraHS) Registry. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2022, 26, 61-73.	0.9	12
44	Noninvasive diagnosis of chemotherapy induced liver injury by LiMAX test â€“ two case reports and a review of the literature. <i>BMC Research Notes</i> , 2015, 8, 99.	0.6	11
45	Toxic drug-induced liver failure during therapy of rheumatoid arthritis with tocilizumab subcutaneously: a case report. <i>Rheumatology</i> , 2017, 56, 1628-1629.	0.9	11
46	Systematic review and meta-analysis on volume-outcome relationship of abdominal surgical procedures in Germany. <i>International Journal of Surgery</i> , 2021, 86, 24-31.	1.1	11
47	Laparoscopic appendectomy versus antibiotic treatment for acute appendicitisâ€”a systematic review. <i>International Journal of Colorectal Disease</i> , 2021, 36, 2283-2286.	1.0	11
48	Effect of tacrolimus dosing on glucose metabolism in an experimental rat model. <i>Annals of Transplantation</i> , 2010, 15, 60-5.	0.5	11
49	The Indications for and Timing of Surgery for Diverticular Disease. <i>Deutsches A&#x0308;rztblatt International</i> , 2020, 117, 591-596.	0.6	10
50	Preoperative Liver Function Guiding HCC Resection in Normal and Cirrhotic Liver. <i>Visceral Medicine</i> , 2021, 37, 94-101.	0.5	9
51	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> , 2017, 12, e0178237.	1.1	9
52	Growth hormone/insulin-like growth factor 1 dynamics in adult living donor liver transplantation. <i>Liver Transplantation</i> , 2014, 20, 1118-1126.	1.3	8
53	Hepatic angiomyolipoma: A case report and literature review. <i>International Journal of Surgery Case Reports</i> , 2020, 77, 345-348.	0.2	8
54	Assessment of Hepatic Detoxification Activity: Proposal of an Improved Variant of the 13C-Methacetin Breath Test. <i>PLoS ONE</i> , 2013, 8, e70780.	1.1	8

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55	Prognostic impact of simultaneous venous resections during surgery for resectable pancreatic cancer. <i>Hpb</i> , 2020, 22, 1384-1393.	0.1	7
56	Cefazolin Might Be Adequate for Perioperative Antibiotic Prophylaxis in Intra-Abdominal Infections without Sepsis: A Quality Improvement Study. <i>Antibiotics</i> , 2022, 11, 501.	1.5	7
57	D-Liver - a New Approach for Bridging Therapy to Transplantation of the Chronic Liver Failure Patient. <i>Transplantation</i> , 2012, 94, 287.	0.5	6
58	Liver Status Assessment by Spectrally and Time Resolved IR Detection of Drug Induced Breath Gas Changes. <i>Photonics</i> , 2016, 3, 31.	0.9	6
59	Successful surgical closure of infected abdominal wounds following preconditioning with negative pressure wound therapy. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 2479-2487.	0.8	6
60	Evaluation of early liver graft performance by the indocyanine green plasma disappearance rate. <i>Liver Transplantation</i> , 2010, 16, 793-794.	1.3	5
61	Perioperative management of anticoagulant therapy. <i>Innovative Surgical Sciences</i> , 2019, 4, 144-151.	0.4	5
62	Changes in the management of acute appendicitis during the COVID-19 pandemic. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 503-504.	0.8	5
63	1073 ACCURATE DIAGNOSIS AND GRADING OF CIRRHOSIS USING THE NEW LIMAX TEST. <i>Journal of Hepatology</i> , 2012, 56, S422.	1.8	4
64	How Far Is the Development of 13C-Liver-Function Breath Tests?. <i>Digestive Diseases and Sciences</i> , 2013, 58, 1804-1805.	1.1	4
65	Retrospective Cohort Analysis of the Effect of Antimicrobial Stewardship on Postoperative Antibiotic Therapy in Complicated Intra-Abdominal Infections: Short-Course Therapy Does Not Compromise Patients' Safety. <i>Antibiotics</i> , 2022, 11, 120.	1.5	4
66	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> , 2022, 42, 673-676.	3.7	4
67	A NEW FUNCTIONAL DEFINITION OF INITIAL POOR FUNCTION AFTER LIVER TRANSPLANTATION. <i>Transplantation</i> , 2010, 90, 412.	0.5	3
68	Managing esophagocutaneous fistula after secondary gastric pull-up: A case report. <i>World Journal of Gastroenterology</i> , 2021, 27, 1841-1846.	1.4	3
69	Differences in morbidity and mortality between unilateral adrenalectomy for adrenal Cushing's syndrome and bilateral adrenalectomy for therapy refractory extra-adrenal Cushing's syndrome. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 2481-2488.	0.8	3
70	Comparison of Duration and Empiric Antibiotic Choice of Post-Operative Treatment in Abdominal Sepsis. <i>Surgical Infections</i> , 2022, , .	0.7	2
71	495 LIVER FUNCTION AND VOLUME REGENERATION AFTER HEPATECTOMY. <i>Journal of Hepatology</i> , 2009, 50, S185.	1.8	1
72	Personalized Pharmacotherapy after Liver Transplantation - the GRAFTT Trial to Control Tacrolimus Dosing. <i>Transplantation</i> , 2012, 94, 748.	0.5	1

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73	Early diagnosis of liver failure in septic patients using the maximal liver function capacity test (LiMAx) Tj ETQq1 1 0.784314 rgBT /Overlo	2.5	1
74	Critical Care Setting of Bedside Positioning of Electromagnetically Guided Nasointestinal Tubes. , 2014, , 1-9.		1
75	238 IMMEDIATE DIAGNOSIS OF PRIMARY NON FUNCTION (PNF) AFTER LIVER TRANSPLANTATION (LTX) BY THE NEW LIMAX-TEST. Journal of Hepatology, 2008, 48, S97.	1.8	0
76	MIGHT THE MELD SCORE GET BETTER USING A DIRECT LIVER FUNCTION TEST (LIMAX TEST)?. Transplantation, 2010, 90, 772.	0.5	0
77	CORRELATION OF MELD AND OTHER PARAMETERS WITH QUANTITATIVE LIVER FUNCTION CAPACITY MEASURED BY THE LIMAX TEST IN CIRRHOTIC PATIENTS BEFORE LIVER TRANSPLANTATION. Transplantation, 2010, 90, 808.	0.5	0
78	A New Method for Outcome Prediction of Acute Liver Failure - Pilot Study with the LiMAx Test. Transplantation, 2012, 94, 408.	0.5	0
79	Graft Dysfunction after Liver Transplantation: Early Diagnosis and Risk Factors. Transplantation, 2012, 94, 430.	0.5	0
80	Prediction of Six and Twelve Month Mortality by Patients with Liver Cirrhosis Using a New LiMAx Test. Transplantation, 2012, 94, 669.	0.5	0
81	D-Liver - a New Approach for Bridging Therapy to Transplantation of the Chronic Liver Failure Patient. Transplantation, 2012, 94, 798.	0.5	0
82	Graft Dysfunction after Liver Transplantation: Early Diagnosis and Risk Factors. Transplantation, 2012, 94, 304.	0.5	0
83	1000 EARLY DIAGNOSIS OF LIVER FAILURE IN SEPTIC PATIENTS USING MAXIMAL LIVER FUNCTION CAPACITY TEST (LiMAx TEST). COMPARISON WITH CONVENTIONAL METHODS. Journal of Hepatology, 2013, 58, S412.	1.8	0
84	Fast-track liver surgery is feasible and safe if adequate remnant liver function is secured by the LiMAx test. Hpb, 2016, 18, e226.	0.1	0
85	Individual diagnosis of chemotherapy-associated liver function impairment before surgery of hepatic colorectal metastases. European Journal of Cancer, 2017, 72, S65.	1.3	0
86	A new effective enhanced recovery pathway after liver surgery using the LiMAx test â” results from a multicenter prospective randomized controlled trial. European Journal of Cancer, 2017, 72, S65-S66.	1.3	0
87	Intraabdominelle Infektionen. , 2021, , 109-153.		0
88	Successful management of therapy-refractory pseudoachalasia after Ivor Lewis esophagectomy by bypassing colonic pull-up: A case report. World Journal of Clinical Cases, 2021, 9, 3971-3978.	0.3	0
89	Nichtinvasive Diagnostik der Leberfunktion in der Transplantationsmedizin. Verdauungskrankheiten, 2013, 31, 103-109.	0.0	0
90	Critical Care Setting of Bedside Positioning of Electromagnetically Guided Nasointestinal Tubes. , 2015, , 1339-1346.		0

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91	Preoperative evaluation of liver function in patients with hepatocellular carcinoma using the LiMAx test. , 2017, 55, .		0
92	Improved outcome using the LiMAx test in liver surgery â€“ results from the randomized Fast-track LiveR trial. Zeitschrift Fur Gastroenterologie, 2017, 55, .	0.2	0