

Jan-Peter Sowa

List of Publications by Citations

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Version: 2024-04-23

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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.

62
papers

2,107
citations

23
h-index

45
g-index

66
ext. papers

2,561
ext. citations

5.4
avg, IF

4.62
L-index

#	Paper	IF	Citations
62	Non-alcoholic fatty liver disease progresses to hepatocellular carcinoma in the absence of apparent cirrhosis. <i>International Journal of Cancer</i> , 2011 , 128, 2436-43	7.5	325
61	Hepatitis B virus suppresses toll-like receptor-mediated innate immune responses in murine parenchymal and nonparenchymal liver cells. <i>Hepatology</i> , 2009 , 49, 1132-40	11.2	247
60	Free fatty acids repress small heterodimer partner (SHP) activation and adiponectin counteracts bile acid-induced liver injury in superobese patients with nonalcoholic steatohepatitis. <i>Hepatology</i> , 2013 , 57, 1394-406	11.2	143
59	Cytokeratin 18-based modification of the MELD score improves prediction of spontaneous survival after acute liver injury. <i>Journal of Hepatology</i> , 2010 , 53, 639-47	13.4	130
58	Acute liver failure is associated with elevated liver stiffness and hepatic stellate cell activation. <i>Hepatology</i> , 2010 , 52, 1008-16	11.2	110
57	Vitamin D counteracts fibrogenic TGF- β signalling in human hepatic stellate cells both receptor-dependently and independently. <i>Gut</i> , 2015 , 64, 791-9	19.2	89
56	Adipocyte cell size, free fatty acids and apolipoproteins are associated with non-alcoholic liver injury progression in severely obese patients. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1542-52	12.7	75
55	GALAD Score Detects Early Hepatocellular Carcinoma in an International Cohort of Patients With Nonalcoholic Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 728-735.e4	6.9	73
54	Apoptosis is associated with CD36/fatty acid translocase upregulation in non-alcoholic steatohepatitis. <i>Liver International</i> , 2010 , 30, 850-9	7.9	65
53	Management of acute-on-chronic liver failure: rotational thromboelastometry may reduce substitution of coagulation factors in liver cirrhosis. <i>Gut</i> , 2016 , 65, 357-8	19.2	44
52	Normal liver enzymes are correlated with severity of metabolic syndrome in a large population based cohort. <i>Scientific Reports</i> , 2015 , 5, 13058	4.9	44
51	Fetuin-A mRNA expression is elevated in NASH compared with NAFL patients. <i>Clinical Science</i> , 2013 , 125, 391-400	6.5	44
50	Novel algorithm for non-invasive assessment of fibrosis in NAFLD. <i>PLoS ONE</i> , 2013 , 8, e62439	3.7	40
49	Steatosis does not impair liver regeneration after partial hepatectomy. <i>Laboratory Investigation</i> , 2013 , 93, 20-30	5.9	38
48	The virtual doctor: An interactive clinical-decision-support system based on deep learning for non-invasive prediction of diabetes. <i>Artificial Intelligence in Medicine</i> , 2019 , 100, 101706	7.4	35
47	Non-invasive separation of alcoholic and non-alcoholic liver disease with predictive modeling. <i>PLoS ONE</i> , 2014 , 9, e101444	3.7	32
46	Economic growth leads to increase of obesity and associated hepatocellular carcinoma in developing countries. <i>Annals of Hepatology</i> , 2016 , 15, 662-72	3.1	32

45	Non-invasive assessment of NAFLD as systemic disease-A machine learning perspective. <i>PLoS ONE</i> , 2019 , 14, e0214436	3.7	30
44	Rotational thromboelastometry can detect factor XIII deficiency and bleeding diathesis in patients with cirrhosis. <i>Liver International</i> , 2017 , 37, 562-568	7.9	30
43	Circulating microRNAs: promising candidates serving as novel biomarkers of acute hepatitis. <i>Frontiers in Physiology</i> , 2012 , 3, 476	4.6	30
42	Compensation of feature selection biases accompanied with improved predictive performance for binary classification by using a novel ensemble feature selection approach. <i>BioData Mining</i> , 2016 , 9, 36	4.3	30
41	Hepatokines and adipokines in NASH-related hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2021 , 74, 442-457	13.4	29
40	Corticosteroids shift the Toll-like receptor response pattern of primary-isolated murine liver cells from an inflammatory to an anti-inflammatory state. <i>International Immunology</i> , 2011 , 23, 537-44	4.9	24
39	Krüppel-like factor 6 is a transcriptional activator of autophagy in acute liver injury. <i>Scientific Reports</i> , 2017 , 7, 8119	4.9	19
38	Macrophage Depletion Attenuates Extracellular Matrix Deposition and Ductular Reaction in a Mouse Model of Chronic Cholangiopathies. <i>PLoS ONE</i> , 2016 , 11, e0162286	3.7	19
37	Extent of liver resection modulates the activation of transcription factors and the production of cytokines involved in liver regeneration. <i>World Journal of Gastroenterology</i> , 2008 , 14, 7093-100	5.6	19
36	Low transferrin and high ferritin concentrations are associated with worse outcome in acute liver failure. <i>Liver International</i> , 2017 , 37, 1032-1041	7.9	18
35	NASH Cirrhosis - the New Burden in Liver Transplantation: How Should It Be Managed?. <i>Visceral Medicine</i> , 2016 , 32, 234-238	2.4	18
34	Epidemiology of nonalcoholic steatohepatitis and hepatocellular carcinoma. <i>Clinical Liver Disease</i> , 2016 , 8, 119-122	2.2	18
33	L-Ornithine L-Aspartate (LOLA) as a Novel Approach for Therapy of Non-alcoholic Fatty Liver Disease. <i>Drugs</i> , 2019 , 79, 39-44	12.1	16
32	Mini-laparoscopy guided liver biopsy increases diagnostic accuracy in acute liver failure. <i>Digestion</i> , 2014 , 90, 240-7	3.6	15
31	Expression of apoptosis- and vitamin D pathway-related genes in hepatocellular carcinoma. <i>Digestion</i> , 2013 , 87, 176-81	3.6	15
30	Patterns and predictors of mortality and disease progression among patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2020 , 52, 1185-1194	6.1	14
29	Nonalcoholic-Fatty-Liver-Disease and Nonalcoholic Steatohepatitis: Successful Development of Pharmacological Treatment Will Depend on Translational Research. <i>Digestion</i> , 2019 , 100, 79-85	3.6	14
28	Onset of heart failure determines the hepatic cell death pattern. <i>Annals of Hepatology</i> , 2011 , 10, 174-179.1	3.1	13

27	In Acute Myocardial Infarction Liver Parameters Are Associated With Stenosis Diameter. <i>Medicine (United States)</i> , 2016 , 95, e2807	1.8	13
26	Significance of Simple Steatosis: An Update on the Clinical and Molecular Evidence. <i>Cells</i> , 2020 , 9,	7.9	12
25	Acute Liver Failure - It's Just a Matter of Cell Death. <i>Digestive Diseases</i> , 2016 , 34, 423-8	3.2	12
24	SPARC expression is associated with hepatic injury in rodents and humans with non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2018 , 8, 725	4.9	11
23	Cell death mechanisms in human chronic liver diseases: a far cry from clinical applicability. <i>Clinical Science</i> , 2016 , 130, 2121-2138	6.5	11
22	Serum sodium based modification of the MELD does not improve prediction of outcome in acute liver failure. <i>BMC Gastroenterology</i> , 2013 , 13, 58	3	11
21	Higher Thyroid-Stimulating Hormone, Triiodothyronine and Thyroxine Values Are Associated with Better Outcome in Acute Liver Failure. <i>PLoS ONE</i> , 2015 , 10, e0132189	3.7	9
20	Human Ex-Vivo Liver Model for Acetaminophen-induced Liver Damage. <i>Scientific Reports</i> , 2016 , 6, 319164.9	6.9	9
19	Vascular endothelial growth factor improves liver regeneration and survival after 90% hepatectomy in a rat model of diet-induced steatosis. <i>Digestion</i> , 2013 , 88, 235-42	3.6	8
18	Deficiency of the promyelocytic leukemia protein fosters hepatitis C-associated hepatocarcinogenesis in mice. <i>PLoS ONE</i> , 2012 , 7, e44474	3.7	8
17	Etiology, outcome and prognostic factors of childhood acute liver failure in a German Single Center. <i>Annals of Hepatology</i> , 2015 , 14, 722-8	3.1	8
16	Liver Injury Indicating Fatty Liver but Not Serologic NASH Marker Improves under Metformin Treatment in Polycystic Ovary Syndrome. <i>International Journal of Endocrinology</i> , 2015 , 2015, 254169	2.7	7
15	GALAD Score Detects Early-Stage Hepatocellular Carcinoma in a European Cohort of Chronic Hepatitis B and C Patients. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	7
14	How to Define Acute Liver Failure Patients with Pre-Existing Liver Disease without Signs of Cirrhosis. <i>Digestive Diseases</i> , 2019 , 37, 147-154	3.2	7
13	Acid sphingomyelinase deficiency in Western diet-fed mice protects against adipocyte hypertrophy and diet-induced liver steatosis. <i>Molecular Metabolism</i> , 2017 , 6, 416-427	8.8	6
12	Liver parameters as part of a non-invasive model for prediction of all-cause mortality after myocardial infarction. <i>Archives of Medical Science</i> , 2020 , 16, 71-80	2.9	5
11	Self-reports on symptoms of alcohol abuse: liver transplant patients versus rehabilitation therapy patients. <i>Progress in Transplantation</i> , 2015 , 25, 203-9	1.1	4
10	Three Cases of Alcohol-Induced Acute-On-Chronic Liver Failure With Successful Support by Adipose-Derived Stem Cells. <i>Clinical and Translational Gastroenterology</i> , 2019 , 10, e00095	4.2	4

9	Association of cell death mechanisms and fibrosis in visceral white adipose tissue with pathological alterations in the liver of morbidly obese patients with NAFLD. <i>Adipocyte</i> , 2021 , 10, 558-573	3.2	4
8	Lipoprotein and Metabolic Profiles Indicate Similar Cardiovascular Risk of Liver Steatosis and NASH. <i>Digestion</i> , 2021 , 102, 671-681	3.6	4
7	An ex vivo perfusion system emulating in vivo conditions in noncirrhotic and cirrhotic human liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 342, 730-41	4.7	3
6	Healthcare resource utilization and costs among nonalcoholic fatty liver disease patients in Germany. <i>Annals of Translational Medicine</i> , 2021 , 9, 615	3.2	2
5	Creld2 function during unfolded protein response is essential for liver metabolism homeostasis		1
4	Transcriptome-Wide Analysis of Human Liver Reveals Age-Related Differences in the Expression of Select Functional Gene Clusters and Evidence for a PPP1R10-Governed Aging Cascade. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
3	Transaminase concentrations cannot separate NAFL and NASH in morbidly obese patients irrespective of histological algorithm. <i>Digestive Diseases</i> , 2021 ,	3.2	1
2	From bedside to bench and back again-molecular mechanisms in acute liver failure. <i>Frontiers in Physiology</i> , 2014 , 5, 18	4.6	
1	Aflatoxin exposure may not play a role in liver cancer development in Mongolia. <i>Digestion</i> , 2014 , 89, 2683-71		