

Jan-Peter Sowa

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,008
citations

218381

26
h-index

168136

53
g-index

66
all docs

66
docs citations

66
times ranked

4698
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-alcoholic fatty liver disease progresses to hepatocellular carcinoma in the absence of apparent cirrhosis. <i>International Journal of Cancer</i> , 2011, 128, 2436-2443.	2.3	425
2	Hepatitis B virus suppresses toll-like receptor-mediated innate immune responses in murine parenchymal and nonparenchymal liver cells. <i>Hepatology</i> , 2009, 49, 1132-1140.	3.6	294
3	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, 1394-1406.	3.6	197
4	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.	2.4	167
5	Cytokeratin 18-based modification of the MELD score improves prediction of spontaneous survival after acute liver injury. <i>Journal of Hepatology</i> , 2010, 53, 639-647.	1.8	152
6	Acute liver failure is associated with elevated liver stiffness and hepatic stellate cell activation. <i>Hepatology</i> , 2010, 52, 1008-1016.	3.6	131
7	Vitamin D counteracts fibrogenic TGF- β 2 signalling in human hepatic stellate cells both receptor-dependently and independently. <i>Gut</i> , 2015, 64, 791-799.	6.1	118
8	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, 1542-1552.	1.5	88
9	Apoptosis is associated with CD36/fatty acid translocase upregulation in non-alcoholic steatohepatitis. <i>Liver International</i> , 2010, 30, 850-859.	1.9	85
10	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.	3.8	80
11	Hepatokines and adipokines in NASH-related hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2021, 74, 442-457.	1.8	72
12	Normal liver enzymes are correlated with severity of metabolic syndrome in a large population based cohort. <i>Scientific Reports</i> , 2015, 5, 13058.	1.6	64
13	Management of acute-on-chronic liver failure: rotational thromboelastometry may reduce substitution of coagulation factors in liver cirrhosis. <i>Gut</i> , 2016, 65, 357-358.	6.1	62
14	Non-invasive assessment of NAFLD as systemic disease – A machine learning perspective. <i>PLoS ONE</i> , 2019, 14, e0214436.	1.1	56
15	Novel Algorithm for Non-Invasive Assessment of Fibrosis in NAFLD. <i>PLoS ONE</i> , 2013, 8, e62439.	1.1	55
16	Fetuin-A mRNA expression is elevated in NASH compared with NAFL patients. <i>Clinical Science</i> , 2013, 125, 391-400.	1.8	52
17	Economic growth leads to increase of obesity and associated hepatocellular carcinoma in developing countries. <i>Annals of Hepatology</i> , 2016, 15, 662-72.	0.6	51
18	Steatosis does not impair liver regeneration after partial hepatectomy. <i>Laboratory Investigation</i> , 2013, 93, 20-30.	1.7	46

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19	Non-Invasive Separation of Alcoholic and Non-Alcoholic Liver Disease with Predictive Modeling. PLoS ONE, 2014, 9, e101444.	1.1	43
20	Significance of Simple Steatosis: An Update on the Clinical and Molecular Evidence. Cells, 2020, 9, 2458.	1.8	40
21	Compensation of feature selection biases accompanied with improved predictive performance for binary classification by using a novel ensemble feature selection approach. BioData Mining, 2016, 9, 36.	2.2	39
22	Rotational thromboelastometry can detect factor XIII deficiency and bleeding diathesis in patients with cirrhosis. Liver International, 2017, 37, 562-568.	1.9	39
23	Patterns and predictors of mortality and disease progression among patients with non-alcoholic fatty liver disease. Alimentary Pharmacology and Therapeutics, 2020, 52, 1185-1194.	1.9	37
24	Circulating microRNAs: promising candidates serving as novel biomarkers of acute hepatitis. Frontiers in Physiology, 2012, 3, 476.	1.3	36
25	Interruption of bile acid uptake by hepatocytes after acetaminophen overdose ameliorates hepatotoxicity. Journal of Hepatology, 2022, 77, 71-83.	1.8	31
26	Corticosteroids shift the Toll-like receptor response pattern of primary-isolated murine liver cells from an inflammatory to an anti-inflammatory state. International Immunology, 2011, 23, 537-544.	1.8	30
27	GALAD Score Detects Early-Stage Hepatocellular Carcinoma in a European Cohort of Chronic Hepatitis B and C Patients. Pharmaceuticals, 2021, 14, 735.	1.7	30
28	Kruppel-like factor 6 is a transcriptional activator of autophagy in acute liver injury. Scientific Reports, 2017, 7, 8119.	1.6	29
29	L-Ornithine L-Aspartate (LOLA) as a Novel Approach for Therapy of Non-alcoholic Fatty Liver Disease. Drugs, 2019, 79, 39-44.	4.9	25
30	Macrophage Depletion Attenuates Extracellular Matrix Deposition and Ductular Reaction in a Mouse Model of Chronic Cholangiopathies. PLoS ONE, 2016, 11, e0162286.	1.1	25
31	Low transferrin and high ferritin concentrations are associated with worse outcome in acute liver failure. Liver International, 2017, 37, 1032-1041.	1.9	24
32	Epidemiology of nonalcoholic steatohepatitis and hepatocellular carcinoma. Clinical Liver Disease, 2016, 8, 119-122.	1.0	23
33	SPARC expression is associated with hepatic injury in rodents and humans with non-alcoholic fatty liver disease. Scientific Reports, 2018, 8, 725.	1.6	23
34	NASH Cirrhosis - the New Burden in Liver Transplantation: How Should It Be Managed?. Visceral Medicine, 2016, 32, 234-238.	0.5	22
35	Extent of liver resection modulates the activation of transcription factors and the production of cytokines involved in liver regeneration. World Journal of Gastroenterology, 2008, 14, 7093.	1.4	22
36	Mini-Laparoscopy Guided Liver Biopsy Increases Diagnostic Accuracy in Acute Liver Failure. Digestion, 2014, 90, 240-247.	1.2	21

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37	Acute Liver Failure - It's Just a Matter of Cell Death. <i>Digestive Diseases</i> , 2016, 34, 423-428.	0.8	21
38	Expression of Apoptosis- and Vitamin D Pathway-Related Genes in Hepatocellular Carcinoma. <i>Digestion</i> , 2013, 87, 176-181.	1.2	18
39	In Acute Myocardial Infarction Liver Parameters Are Associated With Stenosis Diameter. <i>Medicine (United States)</i> , 2016, 95, e2807.	0.4	18
40	Nonalcoholic-Fatty-Liver-Disease and Nonalcoholic Steatohepatitis: Successful Development of Pharmacological Treatment Will Depend on Translational Research. <i>Digestion</i> , 2019, 100, 79-85.	1.2	17
41	Onset of heart failure determines the hepatic cell death pattern. <i>Annals of Hepatology</i> , 2011, 10, 174-179.	0.6	15
42	Human Ex-Vivo Liver Model for Acetaminophen-induced Liver Damage. <i>Scientific Reports</i> , 2016, 6, 31916.	1.6	15
43	Higher Thyroid-Stimulating Hormone, Triiodothyronine and Thyroxine Values Are Associated with Better Outcome in Acute Liver Failure. <i>PLoS ONE</i> , 2015, 10, e0132189.	1.1	14
44	Serum sodium based modification of the MELD does not improve prediction of outcome in acute liver failure. <i>BMC Gastroenterology</i> , 2013, 13, 58.	0.8	13
45	Cell death mechanisms in human chronic liver diseases: a far cry from clinical applicability. <i>Clinical Science</i> , 2016, 130, 2121-2138.	1.8	13
46	Etiology, outcome and prognostic factors of childhood acute liver failure in a German Single Center. <i>Annals of Hepatology</i> , 2015, 14, 722-8.	0.6	13
47	How to Define Acute Liver Failure Patients with Pre-Existing Liver Disease without Signs of Cirrhosis. <i>Digestive Diseases</i> , 2019, 37, 147-154.	0.8	12
48	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, 235-242.	1.2	10
49	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.	0.4	10
50	Deficiency of the Promyelocytic Leukemia Protein Fosters Hepatitis C-Associated Hepatocarcinogenesis in Mice. <i>PLoS ONE</i> , 2012, 7, e44474.	1.1	10
51	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.	3.0	9
52	Healthcare resource utilization and costs among nonalcoholic fatty liver disease patients in Germany. <i>Annals of Translational Medicine</i> , 2021, 9, 615-615.	0.7	9
53	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, 1-9.	0.6	8
54	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.	1.3	7

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55	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.	1.3	7
56	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, 730-741.	1.3	6
57	Self-Reports on Symptoms of Alcohol Abuse: Liver Transplant Patients versus Rehabilitation Therapy Patients. <i>Progress in Transplantation</i> , 2015, 25, 203-209.	0.4	6
58	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, 2009.	2.0	6
59	Lipoprotein and Metabolic Profiles Indicate Similar Cardiovascular Risk of Liver Steatosis and NASH. <i>Digestion</i> , 2021, 102, 671-681.	1.2	5
60	Performance of the Liver Maximum Function Capacity Test, Fibrinogen, and Transient Elastography in Patients with Acute Liver Injury. <i>Digestive Diseases</i> , 2023, 41, 259-267.	0.8	4
61	Transaminase Concentrations Cannot Separate Non-Alcoholic Fatty Liver and Non-Alcoholic Steatohepatitis in Morbidly Obese Patients Irrespective of Histological Algorithm. <i>Digestive Diseases</i> , 2022, 40, 644-653.	0.8	3
62	From bedside to bench and back again" molecular mechanisms in acute liver failure. <i>Frontiers in Physiology</i> , 2014, 5, 18.	1.3	2
63	Aflatoxin Exposure May Not Play a Role in Liver Cancer Development in Mongolia. <i>Digestion</i> , 2014, 89, 268-271.	1.2	1
64	Mixed lineage kinase 3 connects hepatocellular lipotoxicity with macrophage chemotaxis. <i>Hepatology</i> , 2016, 63, 685-687.	3.6	1
65	341 Liver Regeneration and Survival After Subtotal Hepatectomy in a Fatty Liver Model is Improved by VEGF. <i>Gastroenterology</i> , 2010, 138, S-785.	0.6	0