

Sebastian Mueller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/313667/publications.pdf>

Version: 2024-02-01

122
papers

5,834
citations

101543

36
h-index

79698

73
g-index

134
all docs

134
docs citations

134
times ranked

6644
citing authors

#	ARTICLE	IF	CITATIONS
1	Alcoholic liver disease. <i>Nature Reviews Disease Primers</i> , 2018, 4, 16.	30.5	660
2	Extrahepatic cholestasis increases liver stiffness (FibroScan) irrespective of fibrosis. <i>Hepatology</i> , 2008, 48, 1718-1723.	7.3	523
3	Liver stiffness is directly influenced by central venous pressure. <i>Journal of Hepatology</i> , 2010, 52, 206-210.	3.7	469
4	Liver stiffness: a novel parameter for the diagnosis of liver disease. <i>Hepatic Medicine: Evidence and Research</i> , 2010, 2, 49.	2.5	300
5	Direct Evidence for Catalase as the Predominant H ₂ O ₂ -Removing Enzyme in Human Erythrocytes. <i>Blood</i> , 1997, 90, 4973-4978.	1.4	210
6	Increased liver stiffness in alcoholic liver disease: Differentiating fibrosis from steatohepatitis. <i>World Journal of Gastroenterology</i> , 2010, 16, 966.	3.3	201
7	Differences in the Regulation of Iron Regulatory Protein-1 (IRP-1) by Extra- and Intracellular Oxidative Stress. <i>Journal of Biological Chemistry</i> , 1997, 272, 9802-9808.	3.4	154
8	Ethanol-induced cytochrome P4502E1 causes carcinogenic etheno-DNA lesions in alcoholic liver disease. <i>Hepatology</i> , 2009, 50, 453-461.	7.3	136
9	Determination of Catalase Activity at Physiological Hydrogen Peroxide Concentrations. <i>Analytical Biochemistry</i> , 1997, 245, 55-60.	2.4	132
10	Assessment of hepatic steatosis by controlled attenuation parameter using the M and XL probes: an individual patient data meta-analysis. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 185-198.	8.1	130
11	Evaluation of standard liver volume formulae for Chinese adults. <i>World Journal of Gastroenterology</i> , 2009, 15, 3462.	3.3	126
12	Refining the Baveno VI elastography criteria for the definition of compensated advanced chronic liver disease. <i>Journal of Hepatology</i> , 2021, 74, 1109-1116.	3.7	112
13	Non-invasive diagnosis of alcoholic liver disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 14626.	3.3	112
14	Non-invasive diagnosis and biomarkers in alcohol-related liver disease. <i>Journal of Hepatology</i> , 2019, 70, 273-283.	3.7	111
15	Genome-wide association study identifies inversion in the <i>CTRB1-CTRB2</i> locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. <i>Gut</i> , 2018, 67, 1855-1863.	12.1	97
16	Exposing cells to H ₂ O ₂ : A quantitative comparison between continuous low-dose and one-time high-dose treatments. <i>Free Radical Biology and Medicine</i> , 2013, 60, 325-335.	2.9	91
17	Inflammation-adapted liver stiffness values for improved fibrosis staging in patients with hepatitis C virus and alcoholic liver disease. <i>Liver International</i> , 2015, 35, 2514-2521.	3.9	91
18	Non-invasive diagnosis of liver fibrosis in patients with alcohol-related liver disease by transient elastography: an individual patient data meta-analysis. <i>The Lancet Gastroenterology and Hepatology</i> , 2018, 3, 614-625.	8.1	91

#	ARTICLE	IF	CITATIONS
19	IRP1 Activation by Extracellular Oxidative Stress in the Perfused Rat Liver. <i>Journal of Biological Chemistry</i> , 2001, 276, 23192-23196.	3.4	79
20	Increase in liver stiffness after transjugular intrahepatic portosystemic shunt is associated with inflammation and predicts mortality. <i>Hepatology</i> , 2018, 67, 1472-1484.	7.3	77
21	Controlled attenuation parameter and alcoholic hepatic steatosis: Diagnostic accuracy and role of alcohol detoxification. <i>Journal of Hepatology</i> , 2018, 68, 1025-1032.	3.7	75
22	Myeloperoxidase-derived Hypochlorous Acid Antagonizes the Oxidative Stress-mediated Activation of Iron Regulatory Protein 1. <i>Journal of Biological Chemistry</i> , 2003, 278, 40542-40549.	3.4	70
23	Sustained Submicromolar H ₂ O ₂ Levels Induce Hpcidin via Signal Transducer and Activator of Transcription 3 (STAT3). <i>Journal of Biological Chemistry</i> , 2012, 287, 37472-37482.	3.4	67
24	Does pressure cause liver cirrhosis? The sinusoidal pressure hypothesis. <i>World Journal of Gastroenterology</i> , 2016, 22, 10482.	3.3	67
25	Caspase-cleaved keratin 18 fragments increase during alcohol withdrawal and predict liver-related death in patients with alcoholic liver disease. <i>Hepatology</i> , 2017, 66, 96-107.	7.3	59
26	Assessment of renal allograft fibrosis by transient elastography. <i>Transplant International</i> , 2013, 26, 545-551.	1.6	58
27	Sensitive and nonenzymatic measurement of hydrogen peroxide in biological systems. <i>Free Radical Biology and Medicine</i> , 2000, 29, 410-415.	2.9	56
28	Alcoholic and non-alcoholic steatohepatitis. <i>Experimental and Molecular Pathology</i> , 2014, 97, 492-510.	2.1	56
29	Compartment-dependent management of H ₂ O ₂ by peroxisomes. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1119-1129.	2.9	54
30	Genome-wide Association Study and Meta-analysis on Alcohol-Associated Liver Cirrhosis Identifies Genetic Risk Factors. <i>Hepatology</i> , 2021, 73, 1920-1931.	7.3	54
31	Current Experimental Perspectives on the Clinical Progression of Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1647-1655.	2.4	50
32	Sensitive and real-time determination of H ₂ O ₂ release from intact peroxisomes. <i>Biochemical Journal</i> , 2002, 363, 483-491.	3.7	48
33	Sustained Hydrogen Peroxide Induces Iron Uptake by Transferrin Receptor-1 Independent of the Iron Regulatory Protein/Iron-responsive Element Network. <i>Journal of Biological Chemistry</i> , 2007, 282, 20301-20308.	3.4	44
34	Iron regulatory protein 1 as a sensor of reactive oxygen species. <i>BioFactors</i> , 2005, 24, 171-181.	5.4	43
35	Hyperferritinaemia-cataract syndrome: Worldwide mutations and phenotype of an increasingly diagnosed genetic disorder. <i>Human Genomics</i> , 2010, 4, 250-62.	2.9	38
36	Hypoxia-inducible factor 1 α under rapid enzymatic hypoxia: Cells sense decrements of oxygen but not hypoxia per se. <i>Free Radical Biology and Medicine</i> , 2009, 46, 182-191.	2.9	37

#	ARTICLE	IF	CITATIONS
37	Alcoholic liver disease: Clinical and translational research. <i>Experimental and Molecular Pathology</i> , 2015, 99, 596-610.	2.1	36
38	Arterial pressure suffices to increase liver stiffness. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G945-G953.	3.4	34
39	The Role of Iron in Alcohol-Mediated Hepatocarcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 89-112.	1.6	33
40	Peroxiredoxin-2: A Novel Regulator of Iron Homeostasis in Ineffective Erythropoiesis. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1-14.	5.4	33
41	A genetic risk score and diabetes predict development of alcohol-related cirrhosis in drinkers. <i>Journal of Hepatology</i> , 2022, 76, 275-282.	3.7	33
42	Rapid change of liver stiffness after variceal ligation and TIPS implantation. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G179-G187.	3.4	31
43	Spleen stiffness to liver stiffness ratio significantly differs between ALD and HCV and predicts disease-specific complications. <i>JHEP Reports</i> , 2019, 1, 99-106.	4.9	31
44	Liver stiffness reversibly increases during pregnancy and independently predicts preeclampsia. <i>World Journal of Gastroenterology</i> , 2018, 24, 4393-4402.	3.3	31
45	Sensitive and real-time determination of H ₂ O ₂ release from intact peroxisomes. <i>Biochemical Journal</i> , 2002, 363, 483.	3.7	29
46	Pharmacological decrease of liver stiffness is pressure-related and predicts long-term clinical outcome. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G484-G494.	3.4	29
47	Transient micro-elastography: A novel non-invasive approach to measure liver stiffness in mice. <i>World Journal of Gastroenterology</i> , 2011, 17, 968.	3.3	29
48	[32] Activation of iron regulatory protein-1 by oxidative stress. <i>Methods in Enzymology</i> , 2002, 348, 324-337.	1.0	27
49	Siderophore-mediated iron trafficking in humans is regulated by iron. <i>Journal of Molecular Medicine</i> , 2012, 90, 1209-1221.	3.9	26
50	Liver-homing of purified glucose oxidase: A novel in vivo model of physiological hepatic oxidative stress (H ₂ O ₂). <i>Journal of Hepatology</i> , 2007, 46, 482-491.	3.7	25
51	Hypoxia enhances H ₂ O ₂ -mediated upregulation of hepcidin: Evidence for NOX4-mediated iron regulation. <i>Redox Biology</i> , 2018, 16, 1-10.	9.0	25
52	Obesity, Diabetes, Coffee, Tea, and Cannabis Use Alter Risk for Alcohol-Related Cirrhosis in 2 Large Cohorts of High-Risk Drinkers. <i>American Journal of Gastroenterology</i> , 2021, 116, 106-115.	0.4	25
53	Effect of chronic alcohol consumption on the development and progression of non-alcoholic fatty liver disease (NAFLD). <i>Hepatobiliary Surgery and Nutrition</i> , 2015, 4, 147-51.	1.5	25
54	Transcriptomic Cross-Species Analysis of Chronic Liver Disease Reveals Consistent Regulation Between Humans and Mice. <i>Hepatology Communications</i> , 2022, 6, 161-177.	4.3	24

#	ARTICLE	IF	CITATIONS
55	Extracellular H ₂ O ₂ and not superoxide determines the compartment-specific activation of transferrin receptor by iron regulatory protein 1. <i>Free Radical Research</i> , 2005, 39, 817-824.	3.3	23
56	Direct comparison of the FibroScan XL and M probes for assessment of liver fibrosis in obese and nonobese patients. <i>Hepatic Medicine: Evidence and Research</i> , 2013, 5, 43.	2.5	21
57	IL-1 beta-mediated macrophage-hepatocyte crosstalk upregulates hepcidin under physiological low oxygen levels. <i>Redox Biology</i> , 2019, 24, 101209.	9.0	21
58	Primary liver injury and delayed resolution of liver stiffness after alcohol detoxification in heavy drinkers with the <i>PNPLA3</i> variant I148M. <i>World Journal of Hepatology</i> , 2016, 8, 1547.	2.0	21
59	In vitro-targeted gene identification in patients with hepatitis C using a genome-wide microarray technology. <i>Hepatology</i> , 2009, 49, 378-386.	7.3	19
60	Nuclear Translocation of RELB Is Increased in Diseased Human Liver and Promotes Ductular Reaction and Biliary Fibrosis in Mice. <i>Gastroenterology</i> , 2019, 156, 1190-1205.e14.	1.3	19
61	Markers of Intestinal Permeability Are Rapidly Improved by Alcohol Withdrawal in Patients with Alcohol-Related Liver Disease. <i>Nutrients</i> , 2021, 13, 1659.	4.1	18
62	Association of Liver Stiffness with Hepatic Expression of Pharmacokinetically Important Genes in Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E17-22.	2.4	17
63	Does Hypoxia Cause Carcinogenic Iron Accumulation in Alcoholic Liver Disease (ALD)?. <i>Cancers</i> , 2017, 9, 145.	3.7	17
64	Clinical, histological and molecular profiling of different stages of alcohol-related liver disease. <i>Gut</i> , 2022, 71, 1856-1866.	12.1	17
65	Iron, HCV, and Liver Cancer: Hard Metal Setting the Pace?. <i>Gastroenterology</i> , 2006, 130, 2229-2234.	1.3	16
66	Alcoholic-Hepatitis, Links to Brain and Microbiome: Mechanisms, Clinical and Experimental Research. <i>Biomedicines</i> , 2020, 8, 63.	3.2	15
67	Transient elastography with the XL probe rapidly identifies patients with nonhepatic ascites. <i>Hepatic Medicine: Evidence and Research</i> , 2012, 4, 11.	2.5	13
68	Sensitive and non-invasive assessment of hepatocellular iron using a novel room-temperature susceptometer. <i>Journal of Hepatology</i> , 2017, 67, 535-542.	3.7	13
69	Evaluation of laboratory tests for cirrhosis and for alcohol use, in the context of alcoholic cirrhosis. <i>Alcohol</i> , 2018, 66, 1-7.	1.7	13
70	H ₂ O ₂ -mediated autophagy during ethanol metabolism. <i>Redox Biology</i> , 2021, 46, 102081.	9.0	13
71	Systemic Mastocytosis: A Rare Case of Increased Liver Stiffness. <i>Case Reports in Hepatology</i> , 2012, 2012, 1-6.	0.7	11
72	Susceptibility based multiparametric quantification of liver disease: Non-invasive evaluation of steatosis and iron overload. <i>Magnetic Resonance Imaging</i> , 2019, 63, 114-122.	1.8	11

#	ARTICLE	IF	CITATIONS
73	Open-label Study with Nalmefene as Needed Use in Alcohol-Dependent Patients with Evidence of Elevated Liver Stiffness and/or Hepatic Steatosis. <i>Alcohol and Alcoholism</i> , 2019, 55, 63-70.	1.6	11
74	Direct modulation of hepatocyte hepcidin signaling by iron. <i>World Journal of Hepatology</i> , 2021, 13, 1378-1393.	2.0	11
75	Noninvasive assessment of patients with alcoholic liver disease. <i>Clinical Liver Disease</i> , 2013, 2, 68-71.	2.1	10
76	Bone morphogenetic protein 6-mediated crosstalk between endothelial cells and hepatocytes recapitulates the iron-sensing pathway in vitro. <i>Journal of Biological Chemistry</i> , 2021, 297, 101378.	3.4	10
77	Direct Evidence for Catalase as the Predominant H ₂ O ₂ -Removing Enzyme in Human Erythrocytes. <i>Blood</i> , 1997, 90, 4973-4978.	1.4	9
78	Cell-to-Cell Communications in Alcohol-Associated Liver Disease. <i>Frontiers in Physiology</i> , 2022, 13, 831004.	2.8	9
79	The rs429358 Locus in Apolipoprotein E Is Associated With Hepatocellular Carcinoma in Patients With Cirrhosis. <i>Hepatology Communications</i> , 2022, 6, 1213-1226.	4.3	9
80	Increased iron in HCV infection: Collateral damage or antiviral defense?. <i>Journal of Hepatology</i> , 2010, 53, 990-992.	3.7	8
81	German Guidelines on Screening, Diagnosis, and Treatment of Alcohol Use Disorders: Update 2021. <i>European Addiction Research</i> , 2022, 28, 309-322.	2.4	8
82	Prospective Comparison of Transient Elastography Using Two Different Devices: Performance of FibroScan and FibroTouch. <i>Hepatic Medicine: Evidence and Research</i> , 2020, Volume 12, 41-48.	2.5	7
83	Non-invasive Biomarkers of Liver Inflammation and Cell Death in Response to Alcohol Detoxification. <i>Frontiers in Physiology</i> , 2021, 12, 678118.	2.8	6
84	Development and Validation of a Novel Scoring System for Noninvasive Nonalcoholic Steatohepatitis Detection in Bariatric Patients. <i>Obesity Facts</i> , 2021, 14, 490-500.	3.4	6
85	Detection of carcinogenic etheno-DNA adducts in children and adolescents with non-alcoholic steatohepatitis (NASH). <i>Hepatobiliary Surgery and Nutrition</i> , 2015, 4, 426-35.	1.5	6
86	Fibroscan® in hepatology: a clinically-validated tool using vibration-controlled transient elastography. , 2009, , .		5
87	Serum keratin 19 (CYFRA21-1) links ductular reaction with portal hypertension and outcome of various advanced liver diseases. <i>BMC Medicine</i> , 2020, 18, 336.	5.5	5
88	CAP: a Novel Era to Better Quantitate Fatty Liver?. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 24, 11-13.	0.9	4
89	Histological Confounders of Liver Stiffness. , 2020, , 233-242.		4
90	Molecular Mechanisms of Alcohol-Associated Carcinogenesis. , 2016, , 305-314.		3

#	ARTICLE	IF	CITATIONS
91	Suppressed Fat Mobilization Due to PNPLA3 rs738409 -Associated Liver Damage in Heavy Drinkers: The Liver Damage Feedback Hypothesis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1032, 153-172.	1.6	3
92	Liver Stiffness Measurements in Small Animals. , 2020, , 95-102.		3
93	Colocalization analysis of pancreas eQTLs with risk loci from alcoholic and novel non-alcoholic chronic pancreatitis GWAS suggests potential disease causing mechanisms. <i>Pancreatology</i> , 2022, 22, 449-456.	1.1	3
94	S2064 Diagnosis of Cirrhosis in Alcoholic Liver Disease (ALD): Is There a Place for Transient Elastography?. <i>Gastroenterology</i> , 2008, 134, A-307-A-308.	1.3	2
95	Role of Sinusoidal Pressure and Arterialization in Driving Fibrosis Progression. , 2020, , 671-683.		2
96	Introduction to Fibrosis Assessment by Liver Stiffness in Different Etiologies. , 2020, , 105-111.		2
97	Pharmacological blockage of CYP2E1 and alcohol-mediated liver cancer: is the time ready?. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2013, 25, 269-71.	2.2	2
98	Diagnostic challenges in patients with alcohol-related liver disease. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, 45-57.	0.5	2
99	Acoustic radiation force impulse to measure liver stiffness and predict hepatic decompensation in pregnancy with cirrhosis: A cohort study. <i>Arab Journal of Gastroenterology</i> , 2022, 23, 89-94.	0.9	2
100	The Role of Oxidative Stress in Hepatocarcinogenesis. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 479-503.	0.4	1
101	Are the benefits of beta blockers in cirrhotics only related to decreased portal hypertension?. <i>AME Medical Journal</i> , 0, 2, 91-91.	0.4	1
102	Adaptation of Liver Stiffness Cutoff Values to Inflammation, Cholestasis, and Congestion. , 2020, , 537-543.		1
103	Liver Stiffness as a Predictor for Survival. , 2020, , 383-392.		1
104	Liver Stiffness in Alcoholic Liver Disease. , 2020, , 141-152.		1
105	Genetic Confounders of Liver Stiffness and Controlled Attenuation Parameter. , 2020, , 277-295.		1
106	Reply:. <i>Hepatology</i> , 2009, 49, 1053-1053.	7.3	0
107	Imaging in Gastroenterology. <i>Gastroenterology Research and Practice</i> , 2014, 2014, 1-2.	1.5	0
108	Established Therapies and New Therapeutic Strategies in Alcoholic Liver Disease. , 2017, , 99-127.		0

#	ARTICLE	IF	CITATIONS
109	Reply to: "œels room temperature susceptometry really an accurate method to assess hepatocellular iron?â€. Journal of Hepatology, 2017, 67, 1346-1348.	3.7	0
110	S20-2ALCOHOLIC LIVER DISEASE AND HEPATITIS C. Alcohol and Alcoholism, 2017, 52, i4-i30.	1.6	0
111	10. Diagnose, Klinik, nichtinvasive Methoden, Leberbiopsie der alkoholischen Lebererkrankung. , 2019, , 159-178.		0
112	Response to Dr Braillon. Alcohol and Alcoholism, 2020, 55, 338-338.	1.6	0
113	Clinical Cases: Application and Interpretation of Liver Stiffness. , 2020, , 615-627.		0
114	Therapeutic Monitoring of Portal Pressure Lowering Drugs Using Liver Stiffness. , 2020, , 605-614.		0
115	Liver Stiffness and Nutrition. , 2020, , 271-276.		0
116	Liver Stiffness Measurement in Patients with Hepatic Versus Non-hepatic Ascites. , 2020, , 509-516.		0
117	Liver Stiffness Changes in Patients with Established Liver Cirrhosis. , 2020, , 599-603.		0
118	Liver Stiffness and Pregnancy. , 2020, , 307-314.		0
119	Liver Stiffness and Important Clinical Endpoints. , 2020, , 317-323.		0
120	Introducing to Liver Stiffness Measurement in Clinical Practice. , 2020, , 471-477.		0
121	Liver Stiffness and Cholestasis. , 2020, , 265-269.		0
122	Spleen Stiffness to Liver Stiffness Ratio and Disease Etiology. , 2020, , 369-374.		0