Hartmut Jaeschke

List of Publications by Year
in descending order

436	37,903	1368 108	3714 179
papers	citations	h-index	g-index

454	454	454	24206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. Archives of Toxicology, 2013, 87, 1315-1530.	1.9	1,089
2	Mechanisms of Hepatotoxicity. Toxicological Sciences, 2002, 65, 166-176.	1.4	1,043
3	Molecular mechanisms of hepatic ischemia-reperfusion injury and preconditioning. American Journal of Physiology - Renal Physiology, 2003, 284, G15-G26.	1.6	734
4	Neutrophils contribute to ischemia/reperfusion injury in rat liver in vivo. FASEB Journal, 1990, 4, 3355-3359.	0.2	719
5	Oxidant stress, mitochondria, and cell death mechanisms in drug-induced liver injury: Lessons learned from acetaminophen hepatotoxicity. Drug Metabolism Reviews, 2012, 44, 88-106.	1.5	719
6	The mechanism underlying acetaminophen-induced hepatotoxicity in humans and mice involves mitochondrial damage and nuclear DNA fragmentation. Journal of Clinical Investigation, 2012, 122, 1574-1583.	3.9	609
7	Apoptosis versus oncotic necrosis in hepatic ischemia/reperfusion injury. Gastroenterology, 2003, 125, 1246-1257.	0.6	541
8	Metabolism and Disposition of Acetaminophen: Recent Advances in Relation to Hepatotoxicity and Diagnosis. Pharmaceutical Research, 2013, 30, 2174-2187.	1.7	503
9	Intracellular Signaling Mechanisms of Acetaminophen-Induced Liver Cell Death. Toxicological Sciences, 2006, 89, 31-41.	1.4	490
10	Reactive oxygen and mechanisms of inflammatory liver injury: Present concepts. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 173-179.	1.4	449
11	Mitochondrial permeability transition in acetaminophen-induced necrosis and apoptosis of cultured mouse hepatocytes. Hepatology, 2004, 40, 1170-1179.	3.6	441
12	Bile Acids Induce Inflammatory Genes in Hepatocytes. American Journal of Pathology, 2011, 178, 175-186.	1.9	409
13	Mechanisms of neutrophil-induced parenchymal cell injury. Journal of Leukocyte Biology, 1997, 61, 647-653.	1.5	402
14	Oxidative stress during acetaminophen hepatotoxicity: Sources, pathophysiological role and therapeutic potential. Redox Biology, 2016, 10, 148-156.	3.9	401
15	Mechanisms of Liver Injury. II. Mechanisms of neutrophil-induced liver cell injury during hepatic ischemia-reperfusion and other acute inflammatory conditions. American Journal of Physiology - Renal Physiology, 2006, 290, G1083-G1088.	1.6	398
16	Acetaminophen hepatotoxicity and repair: the role of sterile inflammation and innate immunity. Liver International, 2012, 32, 8-20.	1.9	396
17	The role of oxidant stress and reactive nitrogen species in acetaminophen hepatotoxicity. Toxicology Letters, 2003, 144, 279-288.	0.4	386
18	Mode of Cell Death after Acetaminophen Overdose in Mice: Apoptosis or Oncotic Necrosis?. Toxicological Sciences, 2002, 67, 322-328.	1.4	366

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19	Activation of autophagy protects against acetaminophen-induced hepatotoxicity. Hepatology, 2012, 55, 222-232.	3.6	364
20	Novel mechanisms of protection against acetaminophen hepatotoxicity in mice by glutathione and N-acetylcysteine. Hepatology, 2010, 51, 246-254.	3.6	353
21	Mechanism of cell death during warm hepatic ischemia-reperfusion in rats: Apoptosis or necrosis?. Hepatology, 2001, 33, 397-405.	3.6	346
22	Acetaminophen-induced liver injury in rats and mice: Comparison of protein adducts, mitochondrial dysfunction, and oxidative stress in the mechanism of toxicity. Toxicology and Applied Pharmacology, 2012, 264, 387-394.	1.3	329
23	Peroxynitrite-Induced Mitochondrial and Endonuclease-Mediated Nuclear DNA Damage in Acetaminophen Hepatotoxicity. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 879-887.	1.3	319
24	Reactive oxygen and ischemia/reperfusion injury of the liver. Chemico-Biological Interactions, 1991, 79, 115-136.	1.7	298
25	Reactive oxygen and mechanisms of inflammatory liver injury. Journal of Gastroenterology and Hepatology (Australia), 2000, 15, 718-724.	1.4	298
26	A New Xenobiotic-Induced Mouse Model of Sclerosing Cholangitis and Biliary Fibrosis. American Journal of Pathology, 2007, 171, 525-536.	1.9	293
27	Neutrophils aggravate acute liver injury during obstructive cholestasis in bile duct-ligated mice. Hepatology, 2003, 38, 355-363.	3.6	290
28	Functional inactivation of neutrophils with a Mac-1 (CD11b/CD18) monoclonal antibody protects against ischemia-reperfusion injury in rat liver. Hepatology, 1993, 17, 915-923.	3.6	284
29	Role of Neutrophils in the Pathogenesis of Acute Inflammatory Liver Injury. Toxicologic Pathology, 2007, 35, 757-766.	0.9	284
30	Role of the inflammasome in acetaminophen-induced liver injury and acute liver failure. Journal of Hepatology, 2017, 66, 836-848.	1.8	284
31	24-norUrsodeoxycholic Acid Is Superior to Ursodeoxycholic Acid in the Treatment of Sclerosing Cholangitis in Mdr2 (Abcb4) Knockout Mice. Gastroenterology, 2006, 130, 465-481.	0.6	282
32	Neutrophil and Kupffer cell-induced oxidant stress and ischemia-reperfusion injury in rat liver. American Journal of Physiology - Renal Physiology, 1991, 260, G355-G362.	1.6	275
33	Vascular and Hepatocellular Peroxynitrite Formation during Acetaminophen Toxicity: Role of Mitochondrial Oxidant Stress. Toxicological Sciences, 2001, 62, 212-220.	1.4	254
34	Mechanisms of Immune-Mediated Liver Injury. Toxicological Sciences, 2010, 115, 307-321.	1.4	254
35	HepaRG cells: A human model to study mechanisms of acetaminophen hepatotoxicity. Hepatology, 2011, 53, 974-982.	3.6	254
36	Acetaminophen-Induced Oxidant Stress and Cell Injury in Cultured Mouse Hepatocytes: Protection by N-Acetyl Cysteine. Toxicological Sciences, 2004, 80, 343-349.	1.4	249

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37	Current strategies to minimize hepatic ischemiaâ€“reperfusion injury by targeting reactive oxygen species. Transplantation Reviews, 2012, 26, 103-114.	1.2	248
38	Peroxynitrite Is a Critical Mediator of Acetaminophen Hepatotoxicity in Murine Livers: Protection by Glutathione. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 468-475.	1.3	241
39	Glutathione disulfide formation and oxidant stress during acetaminophen-induced hepatotoxicity in mice in vivo: the protective effect of allopurinol. Journal of Pharmacology and Experimental Therapeutics, 1990, 255, 935-41.	1.3	240
40	Activation of caspase 3 (CPP32)-like proteases is essential for TNF-alpha-induced hepatic parenchymal cell apoptosis and neutrophil-mediated necrosis in a murine endotoxin shock model. Journal of Immunology, 1998, 160, 3480-6.	0.4	235
41	c-Jun N-terminal kinase modulates oxidant stress and peroxynitrite formation independent of inducible nitric oxide synthase in acetaminophen hepatotoxicity. Toxicology and Applied Pharmacology, 2010, 246, 8-17.	1.3	234
42	Superoxide Generation by Kupffer Cells and Priming of Neutrophils During Reperfusion After Hepatic Ischemia. Free Radical Research Communications, 1991, 15, 277-284.	1.8	230
43	Intercellular adhesion molecule 1 (ICAM-1) expression and its role in neutrophil-induced ischemia-reperfusion injury in rat liver. Journal of Leukocyte Biology, 1995, 57, 368-374.	1.5	229
44	The Hepatic Inflammatory Response after Acetaminophen Overdose: Role of Neutrophils. Toxicological Sciences, 2000, 54, 509-516.	1.4	224
45	Receptor interacting protein kinase 3 is a critical early mediator of acetaminophen-induced hepatocyte necrosis in mice. Hepatology, 2013, 58, 2099-2108.	3.6	222
46	Nuclear Translocation of Endonuclease G and Apoptosis-Inducing Factor during Acetaminophen-Induced Liver Cell Injury. Toxicological Sciences, 2006, 94, 217-225.	1.4	218
47	Reactive oxygen species during ischemia-reflow injury in isolated perfused rat liver.. Journal of Clinical Investigation, 1988, 81, 1240-1246.	3.9	216
48	Role of neutrophils in acute inflammatory liver injury. Liver International, 2006, 26, 912-919.	1.9	214
49	Nrf2 promotes the development of fibrosis and tumorigenesis in mice with defective hepatic autophagy. Journal of Hepatology, 2014, 61, 617-625.	1.8	214
50	Glutathione peroxidase-deficient mice are more susceptible to neutrophil-mediated hepatic parenchymal cell injury during endotoxemia: importance of an intracellular oxidant stress. Hepatology, 1999, 29, 443-450.	3.6	207
51	Acetaminophen Hepatotoxicity. Seminars in Liver Disease, 2019, 39, 221-234.	1.8	201
52	Mechanisms of acetaminophen-induced cell death in primary human hepatocytes. Toxicology and Applied Pharmacology, 2014, 279, 266-274.	1.3	200
53	Superoxide generation by neutrophils and Kupffer cells during in vivo reperfusion after hepatic ischemia in rats. Journal of Leukocyte Biology, 1992, 52, 377-382.	1.5	196
54	Plasma and liver acetaminophen-protein adduct levels in mice after acetaminophen treatment: Doseâ€“response, mechanisms, and clinical implications. Toxicology and Applied Pharmacology, 2013, 269, 240-249.	1.3	196

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55	Mechanisms of reperfusion injury after warm ischemia of the liver. Journal of Hepato-Biliary-Pancreatic Surgery, 1998, 5, 402-408.	2.0	194
56	Current issues with acetaminophen hepatotoxicityâ€"A clinically relevant model to test the efficacy of natural products. Life Sciences, 2011, 88, 737-745.	2.0	191
57	Mitochondria and xanthine oxidase both generate reactive oxygen species in isolated perfused rat liver after hypoxic injury. Biochemical and Biophysical Research Communications, 1989, 160, 140-147.	1.0	188
58	Mechanisms of Inflammatory Liver Injury: Adhesion Molecules and Cytotoxicity of Neutrophils. Toxicology and Applied Pharmacology, 1996, 139, 213-226.	1.3	179
59	Acetaminophen: Dose-Dependent Drug Hepatotoxicity and Acute Liver Failure in Patients. Digestive Diseases, 2015, 33, 464-471.	0.8	179
60	Circulating microRNA profiles in human patients with acetaminophen hepatotoxicity or ischemic hepatitis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12169-12174.	3.3	171
61	Parenchymal cell apoptosis as a signal for sinusoidal sequestration and transendothelial migration of neutrophils in murine models of endotoxin and fas-antibody-induced liver injury. Hepatology, 1998, 28, 761-767.	3.6	169
62	Oxidative Stress and the Pathogenesis of Cholestasis. Seminars in Liver Disease, 2010, 30, 195-204.	1.8	169
63	Removal of acetaminophen protein adducts by autophagy protects against acetaminophen-induced liver injury in mice. Journal of Hepatology, 2016, 65, 354-362.	1.8	169
64	Pathophysiological role of the acute inflammatory response during acetaminophen hepatotoxicity. Toxicology and Applied Pharmacology, 2006, 216, 98-107.	1.3	168
65	Cytokine-induced upregulation of hepatic intercellular adhesion molecule-1 messenger RNA expression and its role in the pathophysiology of murine endotoxin shock and acute liver failure. Hepatology, 1995, 21, 1632-1639.	3.6	165
66	Novel insight into mechanisms of cholestatic liver injury. World Journal of Gastroenterology, 2012, 18, 4985.	1.4	165
67	Neutrophils contribute to ischemia/reperfusion injury in rat liver in vivo. FASEB Journal, 1990, 4, 3355-9.	0.2	164
68	Lithocholic Acid Feeding Induces Segmental Bile Duct Obstruction and Destructive Cholangitis in Mice. American Journal of Pathology, 2006, 168, 410-422.	1.9	161
69	Mitochondrial Bax Translocation Accelerates DNA Fragmentation and Cell Necrosis in a Murine Model of Acetaminophen Hepatotoxicity. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 8-14.	1.3	161
70	Experimental models of hepatotoxicity related to acute liver failure. Toxicology and Applied Pharmacology, 2016, 290, 86-97.	1.3	160
71	Acetaminophen-induced Liver Injury: from Animal Models to Humans. Journal of Clinical and Translational Hepatology, 2014, 2, 153-61.	0.7	159
72	Generation of hypochlorite-modified proteins by neutrophils during ischemia-reperfusion injury in rat liver: attenuation by ischemic preconditioning. American Journal of Physiology - Renal Physiology, 2005, 289, G760-G767.	1.6	158

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73	Farnesoid X Receptor Critically Determines the Fibrotic Response in Mice but Is Expressed to a Low Extent in Human Hepatic Stellate Cells and Periductal Myofibroblasts. American Journal of Pathology, 2009, 175, 2392-2405.	1.9	154
74	Role of Lipid Peroxidation as a Mechanism of Liver Injury after Acetaminophen Overdose in Mice. Toxicological Sciences, 2003, 76, 229-236.	1.4	153
75	Apoptosis and necrosis in liver disease. Liver International, 2004, 24, 85-89.	1.9	153
76	Bile acid-induced necrosis in primary human hepatocytes and in patients with obstructive cholestasis. Toxicology and Applied Pharmacology, 2015, 283, 168-177.	1.3	153
77	Inhibition of Fas Receptor (CD95)-Induced Hepatic Caspase Activation and Apoptosis by Acetaminophen in Mice. Toxicology and Applied Pharmacology, 1999, 156, 179-186.	1.3	152
78	Effect of bile duct ligation on bile acid composition in mouse serum and liver. Liver International, 2012, 32, 58-69.	1.9	151
79	Lipid peroxidation as molecular mechanism of liver cell injury during reperfusion after ischemia. Free Radical Biology and Medicine, 1994, 16, 763-770.	1.3	150
80	Liver-Specific Loss of Atg5 Causes Persistent Activation of Nrf2 and Protects Against Acetaminophen-Induced Liver Injury. Toxicological Sciences, 2012, 127, 438-450.	1.4	150
81	ACTIVATION OF KUPFFER CELLS AND NEUTROPHILS FOR REACTIVE OXYGEN FORMATION IS RESPONSIBLE FOR ENDOTOXIN-ENHANCED LIVER INJURY AFTER HEPATIC ISCHEMIA. Shock, 1995, 3, 56-62.	1.0	149
82	Neutrophil activation during acetaminophen hepatotoxicity and repair in mice and humans. Toxicology and Applied Pharmacology, 2014, 275, 122-133.	1.3	141
83	Acetaminophen Toxicity: Novel Insights Into Mechanisms and Future Perspectives. Gene Expression, 2018, 18, 19-30.	0.5	141
84	Functional importance of ICAM-1 in the mechanism of neutrophil-induced liver injury in bile duct-ligated mice. American Journal of Physiology - Renal Physiology, 2004, 286, G499-G507.	1.6	139
85	Role of caspase-1 and interleukin-1Î² in acetaminophen-induced hepatic inflammation and liver injury. Toxicology and Applied Pharmacology, 2010, 247, 169-178.	1.3	137
86	Complement and tumor necrosis factor-Î± contribute to Mac-1 (CD11b/CD18) up-regulation and systemic neutrophil activation during endotoxemia in vivo. Journal of Leukocyte Biology, 1994, 55, 105-111.	1.5	136
87	Preservation injury: mechanisms, prevention and consequences. Journal of Hepatology, 1996, 25, 774-780.	1.8	135
88	Serum mitochondrial biomarkers and damage-associated molecular patterns are higher in acetaminophen overdose patients with poor outcome. Hepatology, 2014, 60, 1336-1345.	3.6	135
89	Neutrophil-mediated tissue injury in alcoholic hepatitis. Alcohol, 2002, 27, 23-27.	0.8	133
90	Mitochondria-targeted antioxidant Mito-Tempo protects against acetaminophen hepatotoxicity. Archives of Toxicology, 2017, 91, 761-773.	1.9	133

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91	Cytokine-induced upregulation of hepatic intercellular adhesion molecule-1 messenger RNA expression and its role in the pathophysiology of murine endotoxin shock and acute liver failure. Hepatology, 1995, 21, 1632-9.	3.6	133
92	Acetaminophen Toxicity in Mice Lacking NADPH Oxidase Activity: Role of Peroxynitrite Formation and Mitochondrial Oxidant Stress. Free Radical Research, 2003, 37, 1289-1297.	1.5	131
93	Bile acids trigger cholemic nephropathy in common bile-duct-ligated mice. Hepatology, 2013, 58, 2056-2069.	3.6	130
94	The impact of partial manganese superoxide dismutase (SOD2)-deficiency on mitochondrial oxidant stress, DNA fragmentation and liver injury during acetaminophen hepatotoxicity. Toxicology and Applied Pharmacology, 2011, 251, 226-233.	1.3	127
95	Translocation of iron from lysosomes into mitochondria is a key event during oxidative stress-induced hepatocellular injury. Hepatology, 2008, 48, 1644-1654.	3.6	126
96	Cyclophilin D deficiency protects against acetaminophen-induced oxidant stress and liver injury. Free Radical Research, 2011, 45, 156-164.	1.5	125
97	Endotoxin-induced activation of the nuclear transcription factor kappa B and expression of E-selectin messenger RNA in hepatocytes, Kupffer cells, and endothelial cells in vivo. Journal of Immunology, 1996, 156, 2956-63.	0.4	125
98	Effects of CXC chemokines on neutrophil activation and sequestration in hepatic vasculature. American Journal of Physiology - Renal Physiology, 2001, 281, G1188-G1195.	1.6	124
99	The role of acrolein in allyl alcohol-induced lipid peroxidation and liver cell damage in mice. Biochemical Pharmacology, 1987, 36, 51-57.	2.0	121
100	Neutrophil-induced liver cell injury in endotoxin shock is a CD11b/CD18-dependent mechanism. American Journal of Physiology - Renal Physiology, 1991, 261, G1051-G1056.	1.6	119
101	SEQUESTRATION OF NEUTROPHILS IN THE HEPATIC VASCULATURE DURING ENDOTOXEMIA IS INDEPENDENT OF β2 INTEGRINS AND INTERCELLULAR ADHESION MOLECULE-1. Shock, 1996, 6, 351-356.	1.0	118
102	Protection against Fas Receptor-Mediated Apoptosis in Hepatocytes and Nonparenchymal Cells by a Caspase-8 Inhibitor in Vivo: Evidence for a Postmitochondrial Processing of Caspase-8. Toxicological Sciences, 2000, 58, 109-117.	1.4	116
103	Acetaminophen-induced hepatic neutrophil accumulation and inflammatory liver injury in CD18-deficient mice. Liver International, 2010, 30, 1280-1292.	1.9	116
104	Circulating acylcarnitines as biomarkers of mitochondrial dysfunction after acetaminophen overdose in mice and humans. Archives of Toxicology, 2014, 88, 391-401.	1.9	115
105	Parkin and Mitofusins Reciprocally Regulate Mitophagy and Mitochondrial Spheroid Formation. Journal of Biological Chemistry, 2012, 287, 42379-42388.	1.6	112
106	Scavenging Peroxynitrite with Glutathione Promotes Regeneration and Enhances Survival during Acetaminophen-Induced Liver Injury in Mice. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 67-73.	1.3	111
107	Development of an Adverse Outcome Pathway From Drug-Mediated Bile Salt Export Pump Inhibition to Cholestatic Liver Injury. Toxicological Sciences, 2013, 136, 97-106.	1.4	111
108	Role of the Nalp3 inflammasome in acetaminophen-induced sterile inflammation and liver injury. Toxicology and Applied Pharmacology, 2011, 252, 289-297.	1.3	109

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109	Apoptosis-Inducing Factor Modulates Mitochondrial Oxidant Stress in Acetaminophen Hepatotoxicity. Toxicological Sciences, 2011, 122, 598-605.	1.4	108
110	Animal models of drug-induced liver injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1031-1039.	1.8	108
111	Zonated induction of autophagy and mitochondrial spheroids limits acetaminophen-induced necrosis in the liver. Redox Biology, 2013, 1, 427-432.	3.9	106
112	Novel Therapeutic Approaches Against Acetaminophen-induced Liver Injury and Acute Liver Failure. Toxicological Sciences, 2020, 174, 159-167.	1.4	102
113	Reduced oncotic necrosis in fas receptor-deficient C57BL/6J-lpr mice after bile duct ligation. Hepatology, 2004, 40, 998-1007.	3.6	101
114	Diurnal fluctuation and pharmacological alteration of mouse organ glutathione content. Biochemical Pharmacology, 1985, 34, 1029-1033.	2.0	100
115	Complement activates Kupffer cells and neutrophils during reperfusion after hepatic ischemia. American Journal of Physiology - Renal Physiology, 1993, 264, G801-G809.	1.6	100
116	NADPH oxidase-derived oxidant stress is critical for neutrophil cytotoxicity during endotoxemia. American Journal of Physiology - Renal Physiology, 2004, 287, G243-G252.	1.6	99
117	Models of drug-induced liver injury for evaluation of phytotherapeutics and other natural products. Food and Chemical Toxicology, 2013, 55, 279-289.	1.8	98
118	Drug-induced lipid peroxidation in miceâ€”II. Biochemical Pharmacology, 1982, 31, 3601-3605.	2.0	97
119	Role and mechanisms of autophagy in acetaminophenâ€induced liver injury. Liver International, 2018, 38, 1363-1374.	1.9	97
120	The role of apoptosis in acetaminophen hepatotoxicity. Food and Chemical Toxicology, 2018, 118, 709-718.	1.8	97
121	Mechanistic biomarkers in acetaminophen-induced hepatotoxicity and acute liver failure: from preclinical models to patients. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 1005-1017.	1.5	96
122	Lower susceptibility of female mice to acetaminophen hepatotoxicity: Role of mitochondrial glutathione, oxidant stress and c-jun N-terminal kinase. Toxicology and Applied Pharmacology, 2014, 281, 58-66.	1.3	95
123	Role of caspases in acetaminophen-induced liver injury. Life Sciences, 2006, 78, 1670-1676.	2.0	94
124	[83] Use of isolated perfused organs in hypoxia and ischemia/reperfusion oxidant stress. Methods in Enzymology, 1990, 186, 752-759.	0.4	92
125	Plasma biomarkers of liver injury and inflammation demonstrate a lack of apoptosis during obstructive cholestasis in mice. Toxicology and Applied Pharmacology, 2013, 273, 524-531.	1.3	90
126	Inhibitor of apoptosis signal-regulating kinase 1 protects against acetaminophen-induced liver injury. Toxicology and Applied Pharmacology, 2015, 286, 1-9.	1.3	90

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127	INHIBITION OF NITRIC OXIDE SYNTHESIS AGGRAVATES REPERFUSION INJURY AFTER HEPATIC ISCHEMIA AND ENDOTOXEMIA. Shock, 1995, 4, 282-288.	1.0	89
128	Recovery of hepatocellular ATP and â€œpericentral apoptosisâ€•after hemorrhage and resuscitation. FASEB Journal, 2003, 17, 993-1002.	0.2	88
129	Lysosomal Iron Mobilization and Induction of the Mitochondrial Permeability Transition in Acetaminophen-Induced Toxicity to Mouse Hepatocytes. Toxicological Sciences, 2010, 117, 101-108.	1.4	87
130	Increased P-selectin gene expression in the liver vasculature and its role in the pathophysiology of neutrophil-induced liver injury in murine endotoxin shock. Journal of Leukocyte Biology, 1998, 63, 288-296.	1.5	86
131	Acetaminophen-Induced Inhibition of Fas Receptor-Mediated Liver Cell Apoptosis: Mitochondrial Dysfunction versus Glutathione Depletion. Toxicology and Applied Pharmacology, 2002, 181, 133-141.	1.3	86
132	Low Dose Acetaminophen Induces Reversible Mitochondrial Dysfunction Associated with Transient c-Jun N-Terminal Kinase Activation in Mouse Liver. Toxicological Sciences, 2016, 150, 204-215.	1.4	86
133	Role of inflammation in the mechanism of acetaminophen-induced hepatotoxicity. Expert Opinion on Drug Metabolism and Toxicology, 2005, 1, 389-397.	1.5	85
134	Double deletion of PINK1 and Parkin impairs hepatic mitophagy and exacerbates acetaminophen-induced liver injury in mice. Redox Biology, 2019, 22, 101148.	3.9	85
135	Transcriptional activation of vascular cell adhesion molecule-1 gene in vivo and its role in the pathophysiology of neutrophil-induced liver injury in murine endotoxin shock. Journal of Immunology, 1997, 158, 5941-8.	0.4	84
136	Mechanisms of hypoxic cell injury. Toxicology and Applied Pharmacology, 1990, 106, 165-178.	1.3	83
137	Chronic Deletion and Acute Knockdown of Parkin Have Differential Responses to Acetaminophen-induced Mitophagy and Liver Injury in Mice. Journal of Biological Chemistry, 2015, 290, 10934-10946.	1.6	82
138	Mitochondrial dysfunction as a mechanism of drug-induced hepatotoxicity: current understanding and future perspectives. Journal of Clinical and Translational Research, 2018, 4, 75-100.	0.3	82
139	Emerging and established modes of cell death during acetaminophen-induced liver injury. Archives of Toxicology, 2019, 93, 3491-3502.	1.9	82
140	Hypoxic damage generates reactive oxygen species in isolated perfused rat liver. Biochemical and Biophysical Research Communications, 1988, 150, 568-574.	1.0	81
141	The Oxygen Tension Modulates Acetaminophen-Induced Mitochondrial Oxidant Stress and Cell Injury in Cultured Hepatocytes. Toxicological Sciences, 2010, 117, 515-523.	1.4	81
142	Lithocholic acid feeding results in direct hepato-toxicity independent of neutrophil function in mice. Toxicology Letters, 2014, 228, 56-66.	0.4	81
143	Mechanisms of acetaminophen hepatotoxicity and their translation to the human pathophysiology. , 2017, 3, 157-169.		80
144	Mitochondrial protein adducts formation and mitochondrial dysfunction during N-acetyl-m-aminophenol (AMAP)-induced hepatotoxicity in primary human hepatocytes. Toxicology and Applied Pharmacology, 2015, 289, 213-222.	1.3	77

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145	Mechanisms and pathophysiological significance of sterile inflammation during acetaminophen hepatotoxicity. Food and Chemical Toxicology, 2020, 138, 111240.	1.8	77
146	Neutrophil depletion protects against murine acetaminophen hepatotoxicity: Another perspective. Hepatology, 2007, 45, 1588-1589.	3.6	76
147	4-Methylpyrazole protects against acetaminophen hepatotoxicity in mice and in primary human hepatocytes. Human and Experimental Toxicology, 2018, 37, 1310-1322.	1.1	76
148	Neutrophil margination and extravasation in sinusoids and venules of liver during endotoxin-induced injury. American Journal of Physiology - Renal Physiology, 1997, 272, G1195-G1200.	1.6	75
149	Biomarkers distinguish apoptotic and necrotic cell death during hepatic ischemia/reperfusion injury in mice. Liver Transplantation, 2014, 20, 1372-1382.	1.3	74
150	Vascular Oxidant Stress and Hepatic Ischemia/Reperfusion Injury. Free Radical Research Communications, 1991, 13, 737-743.	1.8	72
151	Reactive oxygen species in the normal and acutely injured liver. Journal of Hepatology, 2011, 55, 227-228.	1.8	72
152	Role of nitric oxide in the oxidant stress during ischemia/reperfusion injury of the liver. Life Sciences, 1992, 50, 1797-1804.	2.0	71
153	Role of Reactive Oxygen Species in Hepatic Ischemia-Reperfusion Injury and Preconditioning. Journal of Investigative Surgery, 2003, 16, 127-140.	0.6	71
154	Delayed Treatment With 4-Methylpyrazole Protects Against Acetaminophen Hepatotoxicity in Mice by Inhibition of c-Jun n-Terminal Kinase. Toxicological Sciences, 2019, 170, 57-68.	1.4	70
155	Functional inactivation of neutrophils with a Mac-1 (CD11b/CD18) monoclonal antibody protects against ischemia-reperfusion injury in rat liver. Hepatology, 1993, 17, 915-23.	3.6	70
156	Differential Induction of mRNA for ICAM-1 and Selectins in Hepatocytes, Kupffer Cells and Endothelial Cells During Endotoxemia. Biochemical and Biophysical Research Communications, 1995, 211, 74-82.	1.0	68
157	Protection against TNF-Induced Liver Parenchymal Cell Apoptosis during Endotoxemia by a Novel Caspase Inhibitor in Mice. Toxicology and Applied Pharmacology, 2000, 169, 77-83.	1.3	67
158	Transcriptional activation of heme oxygenase-1 and its functional significance in acetaminophen-induced hepatitis and hepatocellular injury in the rat. Journal of Hepatology, 2000, 33, 395-406.	1.8	67
159	Inflammation in response to hepatocellular apoptosis. Hepatology, 2002, 35, 964-966.	3.6	67
160	Cellular adhesion molecules: regulation and functional significance in the pathogenesis of liver diseases. American Journal of Physiology - Renal Physiology, 1997, 273, G602-G611.	1.6	66
161	Hepatic sinusoidal cells in health and disease: update from the 14th International Symposium. Liver International, 2009, 29, 490-501.	1.9	66
162	Glycodeoxycholic Acid Levels as Prognostic Biomarker in Acetaminophen-Induced Acute Liver Failure Patients. Toxicological Sciences, 2014, 142, 436-444.	1.4	66

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163	Oxidative stress and acute hepatic injury. Current Opinion in Toxicology, 2018, 7, 17-21.	2.6	66
164	The impact of sterile inflammation in acute liver injury. Journal of Clinical and Translational Research, 2017, 3, 170-188.	0.3	66
165	Induction of mitochondrial biogenesis protects against acetaminophen hepatotoxicity. Food and Chemical Toxicology, 2017, 108, 339-350.	1.8	64
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