

# Mitchell R McGill

## List of Publications by Year in Descending Order

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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.

105  
papers

5,614  
citations

36  
h-index

74  
g-index

114  
ext. papers

6,440  
ext. citations

4.7  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
105	Proteomics Indicates Lactate Dehydrogenase is Prognostic in Acetaminophen-induced Acute Liver Failure Patients and Reveals Altered Signaling Pathways.. <i>Toxicological Sciences</i> , <b>2022</b> ,	4.4	3
104	Radiation Effects on Methamphetamine Pharmacokinetics and Pharmacodynamics in Rats.. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>2022</b> , 47, 319	2.7	
103	Biomarkers of Liver Injury Due to Toxic Agents: Progress, Current Applications, and Emerging Directions. <i>Biomarkers in Disease</i> , <b>2022</b> , 1-20		
102	Biomarkers of mitotoxicity after acute liver injury: Further insights into the interpretation of glutamate dehydrogenase. <i>Journal of Clinical and Translational Research</i> , <b>2021</b> , 7, 61-65	1.1	4
101	Redrawing the map to novel DILI biomarkers in circulation: Where are we, where should we go, and how can we get there?. <i>Livers</i> , <b>2021</b> , 1, 286-293		3
100	Monoacylglycerol Acyltransferase 1 Knockdown Exacerbates Hepatic Ischemia/Reperfusion Injury in Mice With Hepatic Steatosis. <i>Liver Transplantation</i> , <b>2021</b> , 27, 116-133	4.5	3
99	Ototoxicity and Drug Transport in the Cochlea <b>2021</b> , 413-426		
98	Short-Term Safety of Repeated Acetaminophen Use in Patients With Compensated Cirrhosis. <i>Hepatology Communications</i> , <b>2021</b> ,	6	3
97	Exogenous phosphatidic acid reduces acetaminophen-induced liver injury in mice by activating hepatic interleukin-6 signaling through inter-organ crosstalk.. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 3836-3846	15.5	1
96	Demonstration of a simple do-it-yourself test of mask barrier function using widely available commercial products. <i>The Journal of the Arkansas Medical Society</i> , <b>2021</b> , 117, 282-283		
95	Cannabidiol: From Drug Interaction Potential to Modulation of the Gut Microbiome. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 418-418	0.4	78
94	Contrasting model mechanisms of alanine aminotransferase (ALT) release from damaged and necrotic hepatocytes as an example of general biomarker mechanisms. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1007622	5	4
93	Advances in biomarker development in acetaminophen toxicity. <i>Advances in Clinical Chemistry</i> , <b>2020</b> , 98, 35-50	5.8	1
92	Identification of Serum Biomarkers to Distinguish Hazardous and Benign Aminotransferase Elevations. <i>Toxicological Sciences</i> , <b>2020</b> , 173, 244-254	4.4	9
91	The development and hepatotoxicity of acetaminophen: reviewing over a century of progress. <i>Drug Metabolism Reviews</i> , <b>2020</b> , 52, 472-500	7	11
90	Pre-treatment twice with liposomal clodronate protects against acetaminophen hepatotoxicity through a pre-conditioning effect. <i>Liver Research</i> , <b>2020</b> , 4, 145-152	4.1	1
89	Retraction notice to "Molecular forms of HMGB1 and keratin-18 as mechanistic biomarkers for mode of cell death and prognosis during clinical acetaminophen hepatotoxicity": <i>J Hepatol</i> 56(2012)1070-1079. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 1297	13.4	2

88	Effect of bile duct ligation-induced liver dysfunction on methamphetamine pharmacokinetics in male and female rats. <i>Drug and Alcohol Dependence</i> , <b>2020</b> , 215, 108190	4.9	2
87	Granzyme B and miR-378a Interaction in Acetaminophen Toxicity in Children. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , <b>2020</b> , 9, 121-132	2.9	
86	Propagation of Pericentral Necrosis During Acetaminophen-Induced Liver Injury: Evidence for Early Interhepatocyte Communication and Information Exchange. <i>Toxicological Sciences</i> , <b>2019</b> , 169, 151-166	4.4	5
85	Paradoxical Patterns of Sinusoidal Obstruction Syndrome-Like Liver Injury in Aged Female CD-1 Mice Triggered by Cannabidiol-Rich Cannabis Extract and Acetaminophen Co-Administration. <i>Molecules</i> , <b>2019</b> , 24,	4.8	11
84	Hepatotoxicity of a Cannabidiol-Rich Cannabis Extract in the Mouse Model. <i>Molecules</i> , <b>2019</b> , 24,	4.8	49
83	Expression of drug metabolizing enzymes and transporters in the cochlea: Implications for drug delivery and ototoxicity. <i>Hearing Research</i> , <b>2019</b> , 379, 98-102	3.9	1
82	Biomarkers of drug-induced liver injury. <i>Advances in Pharmacology</i> , <b>2019</b> , 85, 221-239	5.7	14
81	Mechanisms and biomarkers of liver regeneration after drug-induced liver injury. <i>Advances in Pharmacology</i> , <b>2019</b> , 85, 241-262	5.7	18
80	Decaffeinated Green Tea Extract Does Not Elicit Hepatotoxic Effects and Modulates the Gut Microbiome in Lean B6C3F <sub>1</sub> Mice. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	7
79	Effect of Bile Duct Ligation-induced Liver Dysfunction on Methamphetamine Pharmacokinetics and Locomotor Activity in Rats. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2019</b> , 22, 301-312	3.4	5
78	Animal models of drug-induced liver injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 1031-1039	6.9	56
77	The inhibitor of glycerol 3-phosphate acyltransferase FSG67 blunts liver regeneration after acetaminophen overdose by altering GSK3 $\beta$ and Wnt/ $\beta$ -catenin signaling. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 125, 279-288	4.7	13
76	Acetaminophen is both bronchodilatory and bronchoprotective in human precision cut lung slice airways. <i>Xenobiotica</i> , <b>2019</b> , 49, 1106-1115	2	2
75	What's Causing This Dark Brown Plasma?. <i>Journal of Applied Laboratory Medicine</i> , <b>2019</b> , 4, 125-129	2	1
74	Extrahepatic toxicity of acetaminophen: critical evaluation of the evidence and proposed mechanisms. <i>Journal of Clinical and Translational Research</i> , <b>2018</b> , 3, 297-310	1.1	20
73	Modulation of O-GlcNAc Levels in the Liver Impacts Acetaminophen-Induced Liver Injury by Affecting Protein Adduct Formation and Glutathione Synthesis. <i>Toxicological Sciences</i> , <b>2018</b> , 162, 599-610	4.4	19
72	Increased C-Reactive Protein in Healthy Controls. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 242-243	5.5	0
71	Lipin deactivation after acetaminophen overdose causes phosphatidic acid accumulation in liver and plasma in mice and humans and enhances liver regeneration. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 115, 273-283	4.7	20

70	Biomarkers of drug-induced liver injury: progress and utility in research, medicine, and regulation. <i>Expert Review of Molecular Diagnostics</i> , <b>2018</b> , 18, 797-807	3.8	24
69	The Problem With Predictive Values: Are We Using the Right Metrics for Preclinical Prediction of Drug Hepatotoxicity?. <i>Toxicological Sciences</i> , <b>2018</b> , 165, 3-4	4.4	2
68	Dual Role of Epidermal Growth Factor Receptor in Liver Injury and Regeneration after Acetaminophen Overdose in Mice. <i>Toxicological Sciences</i> , <b>2017</b> , 155, 363-378	4.4	36
67	Induction of mitochondrial biogenesis protects against acetaminophen hepatotoxicity. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 108, 339-350	4.7	51
66	Inhibition of pannexin1 channels alleviates acetaminophen-induced hepatotoxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 2245-2261	5.8	11
65	Plasma biomarkers to study mechanisms of liver injury in patients with hypoxic hepatitis. <i>Liver International</i> , <b>2017</b> , 37, 377-384	7.9	30
64	Mechanistic Biomarkers in Liver Diseases. <i>Biomarkers in Disease</i> , <b>2017</b> , 71-97		1
63	Caspase Inhibition Prevents Tumor Necrosis Factor- $\alpha$ Induced Apoptosis and Promotes Necrotic Cell Death in Mouse Hepatocytes in Vivo and in Vitro. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 2623-365.8	5.8	38
62	Falsely Elevated Plasma Creatinine Due to an Immunoglobulin M Paraprotein. <i>American Journal of Kidney Diseases</i> , <b>2016</b> , 68, 789-792	7.4	11
61	Professionalism in Residency Training: A Compilation of Desirable Behaviors and a Case-Based Comparison Between Pathologists in Training and Practice. <i>Academic Pathology</i> , <b>2016</b> , 3, 2374289516667509	1.3	3
60	Bile Acid-Induced Toxicity in HepaRG Cells Recapitulates the Response in Primary Human Hepatocytes. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 118, 160-7	3.1	29
59	Connexin32: a mediator of acetaminophen-induced liver injury?. <i>Toxicology Mechanisms and Methods</i> , <b>2016</b> , 26, 88-96	3.6	13
58	Hearing, reactive metabolite formation, and oxidative stress in cochleae after a single acute overdose of acetaminophen: an in vivo study. <i>Toxicology Mechanisms and Methods</i> , <b>2016</b> , 26, 104-11	3.6	8
57	A cellular model to study drug-induced liver injury in nonalcoholic fatty liver disease: Application to acetaminophen. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 292, 40-55	4.6	40
56	Involvement of connexin43 in acetaminophen-induced liver injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 1111-21	6.9	24
55	Low Dose Acetaminophen Induces Reversible Mitochondrial Dysfunction Associated with Transient c-Jun N-Terminal Kinase Activation in Mouse Liver. <i>Toxicological Sciences</i> , <b>2016</b> , 150, 204-15	4.4	73
54	The past and present of serum aminotransferases and the future of liver injury biomarkers. <i>EXCLI Journal</i> , <b>2016</b> , 15, 817-828	2.4	118
53	Mechanistic Biomarkers in Liver Diseases. <i>Exposure and Health</i> , <b>2016</b> , 1-27	8.8	1

52	Removal of acetaminophen protein adducts by autophagy protects against acetaminophen-induced liver injury in mice. <i>Journal of Hepatology</i> , <b>2016</b> , 65, 354-62	13.4	118
51	Pathophysiological significance of c-jun N-terminal kinase in acetaminophen hepatotoxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2015</b> , 11, 1769-79	5.5	51
50	The role of the c-Jun N-terminal kinases 1/2 and receptor-interacting protein kinase 3 in furosemide-induced liver injury. <i>Xenobiotica</i> , <b>2015</b> , 45, 442-9	2	17
49	Cytochrome P450-derived versus mitochondrial oxidant stress in acetaminophen hepatotoxicity. <i>Toxicology Letters</i> , <b>2015</b> , 235, 216-7	4.4	19
48	Resveratrol prevents protein nitration and release of endonucleases from mitochondria during acetaminophen hepatotoxicity. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 81, 62-70	4.7	45
47	Time course of acetaminophen-protein adducts and acetaminophen metabolites in circulation of overdose patients and in HepaRG cells. <i>Xenobiotica</i> , <b>2015</b> , 45, 921-9	2	47
46	Liver Toxicology <b>2015</b> , 453-471		
45	A direct comparison of methods used to measure oxidized glutathione in biological samples: 2-vinylpyridine and N-ethylmaleimide. <i>Toxicology Mechanisms and Methods</i> , <b>2015</b> , 25, 589-95	3.6	33
44	Mitochondrial protein adducts formation and mitochondrial dysfunction during N-acetyl-m-aminophenol (AMAP)-induced hepatotoxicity in primary human hepatocytes. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 289, 213-22	4.6	67
43	Benzyl alcohol protects against acetaminophen hepatotoxicity by inhibiting cytochrome P450 enzymes but causes mitochondrial dysfunction and cell death at higher doses. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 86, 253-61	4.7	21
42	Platelets and protease-activated receptor-4 contribute to acetaminophen-induced liver injury in mice. <i>Blood</i> , <b>2015</b> , 126, 1835-43	2.2	34
41	MicroRNAs as Signaling Mediators and Biomarkers of Drug- and Chemical-Induced Liver Injury. <i>Journal of Clinical Medicine</i> , <b>2015</b> , 4, 1063-78	5.1	34
40	Oxidative Stress in Acute Liver Failure. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2015</b> , 199-214		1
39	Critical review of resveratrol in xenobiotic-induced hepatotoxicity. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 86, 309-18	4.7	23
38	Lack of direct cytotoxicity of extracellular ATP against hepatocytes: role in the mechanism of acetaminophen hepatotoxicity. <i>Journal of Clinical and Translational Research</i> , <b>2015</b> , 1, 1-7	1.1	
37	Lack of Direct Cytotoxicity of Extracellular ATP against Hepatocytes: Role in the Mechanism of Acetaminophen Hepatotoxicity. <i>Journal of Clinical and Translational Research</i> , <b>2015</b> , 1, 100-106	1.1	5
36	Lower susceptibility of female mice to acetaminophen hepatotoxicity: Role of mitochondrial glutathione, oxidant stress and c-jun N-terminal kinase. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 281, 58-66	4.6	67
35	Neutrophil activation during acetaminophen hepatotoxicity and repair in mice and humans. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 275, 122-33	4.6	118

34	Protection against acetaminophen-induced liver injury by allopurinol is dependent on aldehyde oxidase-mediated liver preconditioning. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 417-24	4.6	27
33	Serum mitochondrial biomarkers and damage-associated molecular patterns are higher in acetaminophen overdose patients with poor outcome. <i>Hepatology</i> , <b>2014</b> , 60, 1336-45	11.2	110
32	Mechanistic biomarkers in acetaminophen-induced hepatotoxicity and acute liver failure: from preclinical models to patients. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2014</b> , 10, 1005-17	5.5	88
31	Mechanisms of acetaminophen-induced cell death in primary human hepatocytes. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 279, 266-274	4.6	160
30	Acetaminophen-induced Liver Injury: from Animal Models to Humans. <i>Journal of Clinical and Translational Hepatology</i> , <b>2014</b> , 2, 153-61	5.2	125
29	Glycodeoxycholic acid levels as prognostic biomarker in acetaminophen-induced acute liver failure patients. <i>Toxicological Sciences</i> , <b>2014</b> , 142, 436-44	4.4	51
28	Argininosuccinate synthetase as a plasma biomarker of liver injury after acetaminophen overdose in rodents and humans. <i>Biomarkers</i> , <b>2014</b> , 19, 222-30	2.6	23
27	Circulating microRNA profiles in human patients with acetaminophen hepatotoxicity or ischemic hepatitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12169-74	11.5	139
26	Circulating acylcarnitines as biomarkers of mitochondrial dysfunction after acetaminophen overdose in mice and humans. <i>Archives of Toxicology</i> , <b>2014</b> , 88, 391-401	5.8	89
25	Oxidant Stress and Drug-Induced Hepatotoxicity <b>2014</b> , 1757-1785		
24	Serum glutamate dehydrogenase--biomarker for liver cell death or mitochondrial dysfunction?. <i>Toxicological Sciences</i> , <b>2013</b> , 134, 221-2	4.4	22
23	Fas receptor-deficient lpr mice are protected against acetaminophen hepatotoxicity due to higher glutathione synthesis and enhanced detoxification of oxidant stress. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 58, 228-35	4.7	22
22	The gap junction inhibitor 2-aminoethoxy-diphenyl-borate protects against acetaminophen hepatotoxicity by inhibiting cytochrome P450 enzymes and c-jun N-terminal kinase activation. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 273, 484-91	4.6	41
21	Pathophysiological relevance of neutrophils in acetaminophen hepatotoxicity. <i>Hepatology</i> , <b>2013</b> , 57, 419	11.2	8
20	Plasma and liver acetaminophen-protein adduct levels in mice after acetaminophen treatment: dose-response, mechanisms, and clinical implications. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 269, 240-9	4.6	159
19	Models of drug-induced liver injury for evaluation of phytotherapeutics and other natural products. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 55, 279-89	4.7	85
18	Metabolism and disposition of acetaminophen: recent advances in relation to hepatotoxicity and diagnosis. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 2174-87	4.5	386
17	Oxidant Stress, Antioxidant Defense, and Liver Injury <b>2013</b> , 71-84		4

16	Purinergic receptor antagonist A438079 protects against acetaminophen-induced liver injury by inhibiting p450 isoenzymes, not by inflammasome activation. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 325-35	4.4	48
15	Receptor interacting protein kinase 3 is a critical early mediator of acetaminophen-induced hepatocyte necrosis in mice. <i>Hepatology</i> , <b>2013</b> , 58, 2099-108	11.2	175
14	Lysosomal instability and cathepsin B release during acetaminophen hepatotoxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2012</b> , 111, 417-25	3.1	27
13	Differences in early acetaminophen hepatotoxicity between obese ob/ob and db/db mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 342, 676-87	4.7	50
12	Acetaminophen-induced liver injury in rats and mice: comparison of protein adducts, mitochondrial dysfunction, and oxidative stress in the mechanism of toxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 264, 387-94	4.6	275
11	Caveats of using acetaminophen hepatotoxicity models for natural product testing. <i>Toxicology Letters</i> , <b>2012</b> , 215, 40-1	4.4	11
10	Oxidant stress, mitochondria, and cell death mechanisms in drug-induced liver injury: lessons learned from acetaminophen hepatotoxicity. <i>Drug Metabolism Reviews</i> , <b>2012</b> , 44, 88-106	7	575
9	Liver-specific loss of Atg5 causes persistent activation of Nrf2 and protects against acetaminophen-induced liver injury. <i>Toxicological Sciences</i> , <b>2012</b> , 127, 438-50	4.4	125
8	The mechanism underlying acetaminophen-induced hepatotoxicity in humans and mice involves mitochondrial damage and nuclear DNA fragmentation. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 1574-83	15.9	499
7	Current issues with acetaminophen hepatotoxicity--a clinically relevant model to test the efficacy of natural products. <i>Life Sciences</i> , <b>2011</b> , 88, 737-45	6.8	172
6	HepaRG cells: a human model to study mechanisms of acetaminophen hepatotoxicity. <i>Hepatology</i> , <b>2011</b> , 53, 974-82	11.2	225
5	Pathophysiological relevance of proteomics investigations of drug-induced hepatotoxicity in HepG2 cells. <i>Toxicological Sciences</i> , <b>2011</b> , 121, 428-30; author reply 431-3	4.4	6
4	Herbal extracts as hepatoprotectants against acetaminophen hepatotoxicity. <i>World Journal of Gastroenterology</i> , <b>2010</b> , 16, 2448-50	5.6	19
3	Acetaminophen-induced injury in HepaRG cells: a novel human cell line for studies of drug hepatotoxicity. <i>FASEB Journal</i> , <b>2010</b> , 24, 759.9	0.9	1
2	Strategies for folding of affinity tagged proteins using GroEL and osmolytes. <i>Journal of Structural and Functional Genomics</i> , <b>2009</b> , 10, 57-66		9
1	Oxidative stress and signaling in the liver469-478		