

Jamal A Ibdah

List of Publications by Citations

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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.

121
papers

6,258
citations

45
h-index

76
g-index

128
ext. papers

7,147
ext. citations

5.2
avg, IF

5.8
L-index

#	Paper	IF	Citations
121	A fetal fatty-acid oxidation disorder as a cause of liver disease in pregnant women. <i>New England Journal of Medicine</i> , 1999 , 340, 1723-31	59.2	390
120	Mitochondrial dysfunction precedes insulin resistance and hepatic steatosis and contributes to the natural history of non-alcoholic fatty liver disease in an obese rodent model. <i>Journal of Hepatology</i> , 2010 , 52, 727-36	13.4	317
119	Characteristics of gastric cancer in Asia. <i>World Journal of Gastroenterology</i> , 2014 , 20, 4483-90	5.6	267
118	Staging accuracy of esophageal cancer by endoscopic ultrasound: a meta-analysis and systematic review. <i>World Journal of Gastroenterology</i> , 2008 , 14, 1479-90	5.6	265
117	Nonalcoholic fatty liver disease and mitochondrial dysfunction. <i>World Journal of Gastroenterology</i> , 2008 , 14, 193-9	5.6	245
116	Non-alcoholic fatty liver disease and the metabolic syndrome: an update. <i>World Journal of Gastroenterology</i> , 2008 , 14, 185-92	5.6	237
115	Daily exercise increases hepatic fatty acid oxidation and prevents steatosis in Otsuka Long-Evans Tokushima Fatty rats. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, G619-26	5.1	207
114	Role of mitochondria in nonalcoholic fatty liver disease. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 8713-42	6.3	183
113	Skeletal muscle insulin resistance: role of inflammatory cytokines and reactive oxygen species. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R673-80	3.2	162
112	Mice heterozygous for a defect in mitochondrial trifunctional protein develop hepatic steatosis and insulin resistance. <i>Gastroenterology</i> , 2005 , 128, 1381-90	13.3	138
111	Lack of mitochondrial trifunctional protein in mice causes neonatal hypoglycemia and sudden death. <i>Journal of Clinical Investigation</i> , 2001 , 107, 1403-9	15.9	128
110	Rats selectively bred for low aerobic capacity have reduced hepatic mitochondrial oxidative capacity and susceptibility to hepatic steatosis and injury. <i>Journal of Physiology</i> , 2009 , 587, 1805-16	3.9	120
109	How good is endoscopic ultrasound for TNM staging of gastric cancers? A meta-analysis and systematic review. <i>World Journal of Gastroenterology</i> , 2008 , 14, 4011-9	5.6	107
108	Daily exercise vs. caloric restriction for prevention of nonalcoholic fatty liver disease in the OLETF rat model. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, G874-83	5.1	103
107	PGC-1 β overexpression results in increased hepatic fatty acid oxidation with reduced triacylglycerol accumulation and secretion. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G979-92	5.1	93
106	Role of the JNK signal transduction pathway in inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2008 , 14, 200-2	5.6	93
105	Prospective screening for pediatric mitochondrial trifunctional protein defects in pregnancies complicated by liver disease. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 2163-6	27.4	89

104	Molecular packing of high-density and low-density lipoprotein surface lipids and apolipoprotein A-I binding. <i>Biochemistry</i> , 1989 , 28, 1126-33	3.2	88
103	Liver disease in pregnancy and fetal fatty acid oxidation defects. <i>Molecular Genetics and Metabolism</i> , 2000 , 71, 182-9	3.7	82
102	Inherited long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency and a fetal-maternal interaction cause maternal liver disease and other pregnancy complications. <i>Seminars in Perinatology</i> , 1999 , 23, 100-12	3.2	81
101	Cessation of daily exercise dramatically alters precursors of hepatic steatosis in Otsuka Long-Evans Tokushima Fatty (OLETF) rats. <i>Journal of Physiology</i> , 2008 , 586, 4241-9	3.9	78
100	Angiotensin II-induced non-alcoholic fatty liver disease is mediated by oxidative stress in transgenic TG(mRen2)27(Ren2) rats. <i>Journal of Hepatology</i> , 2008 , 49, 417-28	13.4	77
99	Endoscopic ultrasound: its accuracy in evaluating mediastinal lymphadenopathy? A meta-analysis and systematic review. <i>World Journal of Gastroenterology</i> , 2008 , 14, 3028-37	5.6	75
98	Sirtuins and nonalcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2016 , 22, 10084-10092	5.6	74
97	Effects of lipid composition and packing on the adsorption of apolipoprotein A-I to lipid monolayers. <i>Biochemistry</i> , 1988 , 27, 7155-62	3.2	72
96	Role of mitochondria in alcoholic liver disease. <i>World Journal of Gastroenterology</i> , 2014 , 20, 2136-42	5.6	70
95	Increased risk for colorectal cancer under age 50 in racial and ethnic minorities living in the United States. <i>Cancer Medicine</i> , 2015 , 4, 1863-70	4.8	68
94	Fetal genotypes and pregnancy outcomes in 35 families with mitochondrial trifunctional protein mutations. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 715-20	6.4	67
93	Pathogenesis and Prevention of Hepatic Steatosis. <i>Gastroenterology and Hepatology</i> , 2015 , 11, 167-75	0.7	66
92	Epigenetics of hepatocellular carcinoma: role of microRNA. <i>World Journal of Gastroenterology</i> , 2013 , 19, 5439-45	5.6	63
91	Changes in visceral adipose tissue mitochondrial content with type 2 diabetes and daily voluntary wheel running in OLETF rats. <i>Journal of Physiology</i> , 2009 , 587, 3729-39	3.9	61
90	Energy-matched moderate and high intensity exercise training improves nonalcoholic fatty liver disease risk independent of changes in body mass or abdominal adiposity - A randomized trial. <i>Metabolism: Clinical and Experimental</i> , 2018 , 78, 128-140	12.7	58
89	Mild trifunctional protein deficiency is associated with progressive neuropathy and myopathy and suggests a novel genotype-phenotype correlation. <i>Journal of Clinical Investigation</i> , 1998 , 102, 1193-9	15.9	58
88	Primary hepatocellular carcinoma and metabolic syndrome: An update. <i>World Journal of Gastrointestinal Oncology</i> , 2013 , 5, 186-94	3.4	56
87	Cessation of daily wheel running differentially alters fat oxidation capacity in liver, muscle, and adipose tissue. <i>Journal of Applied Physiology</i> , 2009 , 106, 161-8	3.7	55

86	En bloc endoscopic submucosal dissection of a 14-cm laterally spreading adenoma of the rectum with involvement to the anal canal: expanding the frontiers of endoscopic surgery (with video). <i>Gastrointestinal Endoscopy</i> , 2008 , 67, 332-7	5.2	55
85	Combining metformin and aerobic exercise training in the treatment of type 2 diabetes and NAFLD in OLETF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E300-10	6	53
84	The surface properties of apolipoproteins A-I and A-II at the lipid/water interface. <i>Lipids and Lipid Metabolism</i> , 1989 , 1004, 300-8		52
83	Treating NAFLD in OLETF rats with vigorous-intensity interval exercise training. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 556-67	1.2	50
82	Liver diseases in pregnancy: diseases unique to pregnancy. <i>World Journal of Gastroenterology</i> , 2013 , 19, 7639-46	5.6	49
81	Oxidative stress-mediated mitochondrial dysfunction contributes to angiotensin II-induced nonalcoholic fatty liver disease in transgenic Ren2 rats. <i>American Journal of Pathology</i> , 2009 , 174, 1329-37 ⁵⁸		48
80	A comparison of the surface activities of human apolipoproteins A-I and A-II at the air/water interface. <i>Lipids and Lipid Metabolism</i> , 1988 , 959, 229-37		48
79	Daily physical activity enhances reactivity to insulin in skeletal muscle arterioles of hyperphagic Otsuka Long-Evans Tokushima Fatty rats. <i>Journal of Applied Physiology</i> , 2010 , 109, 1203-10	3.7	47
78	Mitochondria and redox signaling in steatohepatitis. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 485-504 ^{8.4}		46
77	Effect of precut sphincterotomy on post-endoscopic retrograde cholangiopancreatography pancreatitis: a systematic review and meta-analysis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 4093-101 ⁶		45
76	Intrinsic aerobic capacity impacts susceptibility to acute high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E355-64	6	43
75	Determination of qualitative telomerase activity as an adjunct to the diagnosis of pancreatic adenocarcinoma by EUS-guided fine-needle aspiration. <i>Gastrointestinal Endoscopy</i> , 2006 , 63, 648-54	5.2	43
74	Changes in skeletal muscle mitochondria in response to the development of type 2 diabetes or prevention by daily wheel running in hyperphagic OLETF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E1179-87	6	42
73	Selective hepatic insulin resistance in a murine model heterozygous for a mitochondrial trifunctional protein defect. <i>Hepatology</i> , 2013 , 57, 2213-23	11.2	41
72	Molecular prenatal diagnosis in families with fetal mitochondrial trifunctional protein mutations. <i>Journal of Pediatrics</i> , 2001 , 138, 396-9	3.6	40
71	Mitochondrial trifunctional protein defects: clinical implications and therapeutic approaches. <i>Advanced Drug Delivery Reviews</i> , 2008 , 60, 1488-96	18.5	39
70	Trend analysis and survival of primary gallbladder cancer in the United States: a 1973-2009 population-based study. <i>Cancer Medicine</i> , 2017 , 6, 874-880	4.8	35
69	Long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency: variable expressivity of maternal illness during pregnancy and unusual presentation with infantile cholestasis and hypocalcaemia. <i>Journal of Inherited Metabolic Disease</i> , 1999 , 22, 811-4	5.4	35

68	Skeletal muscle mitochondrial and metabolic responses to a high-fat diet in female rats bred for high and low aerobic capacity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010 , 35, 151-62	3	34
67	Unique transcriptomic signature of omental adipose tissue in Ossabaw swine: a model of childhood obesity. <i>Physiological Genomics</i> , 2014 , 46, 362-75	3.6	32
66	Mineralocorticoid receptor antagonism attenuates vascular apoptosis and injury via rescuing protein kinase B activation. <i>Hypertension</i> , 2009 , 53, 158-65	8.5	32
65	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. <i>Journal of Physiology</i> , 2016 , 594, 5271-84	3.9	31
64	Vascular transcriptional alterations produced by juvenile obesity in Ossabaw swine. <i>Physiological Genomics</i> , 2013 , 45, 434-46	3.6	30
63	Physical activity maintains aortic endothelium-dependent relaxation in the obese type 2 diabetic OLETF rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1889-901	5.2	30
62	Maternal heterozygosity for a mitochondrial trifunctional protein mutation as a cause for liver disease in pregnancy. <i>Medical Hypotheses</i> , 2005 , 64, 96-100	3.8	30
61	Modulating fibroblast growth factor 21 in hyperphagic OLETF rats with daily exercise and caloric restriction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 1054-62	3	28
60	Combining metformin therapy with caloric restriction for the management of type 2 diabetes and nonalcoholic fatty liver disease in obese rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 1038-47	3	27
59	Preeclampsia-induced Liver Dysfunction, HELLP syndrome, and acute fatty liver of pregnancy. <i>Clinical Liver Disease</i> , 2014 , 4, 69-73	2.2	26
58	Voluntary wheel running selectively augments insulin-stimulated vasodilation in arterioles from white skeletal muscle of insulin-resistant rats. <i>Microcirculation</i> , 2012 , 19, 729-38	2.9	26
57	Late presentation of esophageal injury after transesophageal echocardiography. <i>Anesthesia and Analgesia</i> , 2004 , 99, 41-44	3.9	25
56	Gastric cancer in Africa: current management and outcomes. <i>World Journal of Gastroenterology</i> , 2014 , 20, 3875-9	5.6	23
55	Accuracy of endoscopic ultrasound in the diagnosis of distal and celiac axis lymph node metastasis in esophageal cancer: a meta-analysis and systematic review. <i>Digestive Diseases and Sciences</i> , 2008 , 53, 2405-14	4	22
54	Usefulness of endoscopic ultrasound-guided fine needle aspiration in the diagnosis of hepatic, gallbladder and biliary tract Lesions. <i>World Journal of Gastrointestinal Oncology</i> , 2014 , 6, 420-9	3.4	22
53	Impaired fatty acid oxidation as a cause of liver disease associated with hyperemesis gravidarum. <i>Medical Hypotheses</i> , 2005 , 65, 1150-3	3.8	21
52	Exercise and Omega-3 Polyunsaturated Fatty Acid Supplementation for the Treatment of Hepatic Steatosis in Hyperphagic OLETF Rats. <i>Journal of Nutrition and Metabolism</i> , 2012 , 2012, 268680	2.7	20
51	Aerobic capacity and hepatic mitochondrial lipid oxidation alters susceptibility for chronic high-fat diet-induced hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E749-E760	6	18

50	Post-mortem analysis for two prevalent beta-oxidation mutations in sudden infant death. <i>Pediatrics International</i> , 2007 , 49, 883-7	1.2	18
49	Nonalcoholic steatohepatitis and the cardiometabolic syndrome. <i>Journal of the Cardiometabolic Syndrome</i> , 2006 , 1, 36-40		18
48	Accumulation of Free 3-Hydroxy Fatty Acids in the Culture Media of Fibroblasts from Patients Deficient in Long-Chain l-3-Hydroxyacyl-CoA Dehydrogenase: A Useful Diagnostic Aid. <i>Clinical Chemistry</i> , 2001 , 47, 1190-1194	5.5	18
47	Fatty liver without a large "belly": Magnified review of non-alcoholic fatty liver disease in non-obese patients. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2017 , 8, 100-107	3.2	18
46	Hepatic steatosis development with four weeks of physical inactivity in previously active, hyperphagic OLETF rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R763-71	3.2	17
45	Fatty acid oxidation disorders: maternal health and neonatal outcomes. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010 , 15, 122-8	3.7	17
44	Low aerobic capacity and high-fat diet contribute to oxidative stress and IRS-1 degradation in the kidney. <i>American Journal of Nephrology</i> , 2009 , 30, 112-9	4.6	17
43	Liver diseases in pregnancy: liver transplantation in pregnancy. <i>World Journal of Gastroenterology</i> , 2013 , 19, 7647-51	5.6	16
42	Liver diseases in pregnancy: diseases not unique to pregnancy. <i>World Journal of Gastroenterology</i> , 2013 , 19, 7630-8	5.6	16
41	Role of 3-Hydroxy Fatty Acid-Induced Hepatic Lipotoxicity in Acute Fatty Liver of Pregnancy. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	15
40	The trifunctional protein mediates thyroid hormone receptor-dependent stimulation of mitochondria metabolism. <i>Molecular Endocrinology</i> , 2012 , 26, 1117-28		15
39	Coffee: The magical bean for liver diseases. <i>World Journal of Hepatology</i> , 2017 , 9, 689-696	3.4	15
38	Regulation of mitochondrial trifunctional protein modulates nonalcoholic fatty liver disease in mice. <i>Journal of Lipid Research</i> , 2018 , 59, 967-973	6.3	14
37	In Vivo Acute on Chronic Ethanol Effects in Liver: A Mouse Model Exhibiting Exacerbated Injury, Altered Metabolic and Epigenetic Responses. <i>Biomolecules</i> , 2015 , 5, 3280-94	5.9	14
36	Utility of endoscopic ultrasound in patients with portal hypertension. <i>World Journal of Gastroenterology</i> , 2014 , 20, 14230-6	5.6	14
35	Different mechanisms for histone acetylation by ethanol and its metabolite acetate in rat primary hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 18-23	4.7	13
34	Extension for Community Health Outcomes-hepatitis C: Small steps carve big footprints in the allocation of scarce resources for hepatitis C virus treatment to remote developing areas. <i>World Journal of Hepatology</i> , 2016 , 8, 509-12	3.4	13
33	Sofosbuvir/velpatasvir regimen promises an effective pan-genotypic hepatitis C virus cure. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 497-502	4.4	12

32	Effects of apolipoprotein structure on the kinetics of apolipoprotein transfer between phospholipid vesicles. <i>Lipids and Lipid Metabolism</i> , 1991 , 1081, 220-8		12
31	The efficacy and safety of endoscopic ultrasound-guided liver biopsy versus percutaneous liver biopsy in patients with chronic liver disease: a retrospective single-center study. <i>Journal of Ultrasound</i> , 2020 , 23, 157-167	3.4	11
30	eNOS deletion impairs mitochondrial quality control and exacerbates Western diet-induced NASH. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E605-E616	6	11
29	Differential reduction in cardiac and liver monolysocardiolipin acyltransferase-1 and reduction in cardiac and liver tetralinoleoyl-cardiolipin in the Esubunit of trifunctional protein heterozygous knockout mice. <i>Biochemical Journal</i> , 2015 , 471, 123-9	3.8	11
28	Fecal microbiota transplantation and its potential therapeutic uses in gastrointestinal disorders. <i>Istanbul Kuzey Klinikleri</i> , 2018 , 5, 79-88	0.8	10
27	Rapamycin Treatment for Benign Multicystic Peritoneal Mesothelioma: A Rare Disease with a Difficult Management. <i>American Journal of Case Reports</i> , 2017 , 18, 632-636	1.3	10
26	Intestinal pseudo-obstruction as a manifestation of impaired mitochondrial fatty acid oxidation. <i>Medical Hypotheses</i> , 2005 , 64, 586-9	3.8	9
25	Role of genetic screening in identifying susceptibility to acute fatty liver of pregnancy. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2005 , 2, 494-5		9
24	Endoscopic assessment and management of early esophageal adenocarcinoma. <i>World Journal of Gastrointestinal Oncology</i> , 2014 , 6, 275-88	3.4	9
23	Show Me ECHO-Hepatitis C: A telemedicine mentoring program for patients with hepatitis C in underserved and rural areas in Missouri as a model in developing countries. <i>Turkish Journal of Gastroenterology</i> , 2015 , 26, 447-9	1	9
22	Dual Infection with Hepatitis B and Epstein-Barr Virus Presenting with Severe Jaundice, Coagulopathy, and Hepatitis B Virus Chronicity Outcome. <i>American Journal of Case Reports</i> , 2017 , 18, 170-172	1.3	8
21	Defects in long-chain 3-hydroxy acyl-CoA dehydrogenase lead to hepatocellular carcinoma: A novel etiology of hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2020 , 147, 1461-1473	7.5	6
20	Kinetics and mechanism of transfer of reduced and carboxymethylated apolipoprotein A-II between phospholipid vesicles. <i>Biochemistry</i> , 1990 , 29, 3472-9	3.2	6
19	Compromised hepatic mitochondrial fatty acid oxidation and reduced markers of mitochondrial turnover in human NAFLD.. <i>Hepatology</i> , 2022 ,	11.2	6
18	Are we getting closer to understanding intratumor heterogeneity in hepatocellular carcinoma?. <i>Hepatobiliary Surgery and Nutrition</i> , 2016 , 5, 188-90	2.1	6
17	Is the 25-year hepatitis C marathon coming to an end to declare victory?. <i>World Journal of Hepatology</i> , 2017 , 9, 921-929	3.4	5
16	Culprit for recurrent acute gastrointestinal massive bleeding: "Small bowel Dieulafoy's lesions" - a case report and literature review. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2016 , 7, 296-9	3.2	4
15	Hepatocyte transplantation: Consider infusion before incision. <i>World Journal of Transplantation</i> , 2017 , 7, 317-323	2.3	4

14	233 Hepatic Overexpression of SIRT3 in Mice Heterozygous for Mitochondrial Trifunctional Protein Rescues Hepatic Steatosis and Improves Insulin Sensitivity. <i>Gastroenterology</i> , 2015 , 148, S-973	13.3	3
13	High Intrinsic Aerobic Capacity Protects against Ethanol-Induced Hepatic Injury and Metabolic Dysfunction: Study Using High Capacity Runner Rat Model. <i>Biomolecules</i> , 2015 , 5, 3295-308	5.9	3
12	"Oxidative stress-mediated mitochondrial dysfunction contributes to angiotension II-induced nonalcoholic fatty liver disease in transgenic Ren2 rats". Note of concern. <i>American Journal of Pathology</i> , 2009 , 175, 2709-10	5.8	3
11	Internationalisation of high-impact gastroenterology journals, 1970-2005. <i>Gut</i> , 2007 , 56, 895-6	19.2	3
10	Critical Role for Hepatocyte-Specific eNOS in NAFLD and NASH. <i>Diabetes</i> , 2021 , 70, 2476-2491	0.9	3
9	Endoscopic full-thickness resection of a long intussuscepted appendix by use of a colonoscope. <i>VideoGIE</i> , 2019 , 4, 34-36	1.1	2
8	The Liver in Pregnancy 2012 , 919-940		2
7	Warfarin Use During Fecal Occult Blood Testing: A Meta-Analysis. <i>Gastroenterology Research</i> , 2012 , 5, 45-51	1.8	2
6	Hepatocellular Carcinoma: The Role of MicroRNAs. <i>Biomolecules</i> , 2022 , 12, 645	5.9	2
5	Inborn Errors of Mitochondrial Fatty Acid Oxidation 767-802		1
4	Microbiome alterations observed in liver diseases present opportunities for potential fecal transplantation. <i>Turkish Journal of Gastroenterology</i> , 2016 , 27, 495-498	1	0
3	Undigested Pills in Stool Mimicking Parasitic Infection. <i>Case Reports in Gastrointestinal Medicine</i> , 2017 , 2017, 3718954	0.6	
2	Tailgate Study: A Pilot Study Measuring the Impact of Food and Alcohol Intake on Whole-body and Liver Metabolism. <i>FASEB Journal</i> , 2018 , 32, 760.6	0.9	
1	Removal of Esophageal Variceal Bands to Salvage Complete Esophageal Obstruction. <i>Clinical Endoscopy</i> , 2018 , 51, 491-494	2.5	