

Miriam B Vos

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.

92
papers

5,187
citations

29
h-index

71
g-index

130
ext. papers

6,679
ext. citations

6.9
avg, IF

5.81
L-index

#	Paper	IF	Citations
92	Nonalcoholic fatty liver disease: pathology and pathogenesis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2010 , 5, 145-71	34	598
91	Global Perspectives on Nonalcoholic Fatty Liver Disease and Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2019 , 69, 2672-2682	11.2	557
90	Antibiotics protect against fructose-induced hepatic lipid accumulation in mice: role of endotoxin. <i>Journal of Hepatology</i> , 2008 , 48, 983-92	13.4	399
89	NASPGHAN Clinical Practice Guideline for the Diagnosis and Treatment of Nonalcoholic Fatty Liver Disease in Children: Recommendations from the Expert Committee on NAFLD (ECON) and the North American Society of Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN). <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017 , 64, 319-334	2.8	382
88	Increasing prevalence of nonalcoholic fatty liver disease among United States adolescents, 1988-1994 to 2007-2010. <i>Journal of Pediatrics</i> , 2013 , 162, 496-500.e1	3.6	310
87	Added Sugars and Cardiovascular Disease Risk in Children: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017 , 135, e1017-e1034	16.7	241
86	Dietary fructose consumption among US children and adults: the Third National Health and Nutrition Examination Survey. <i>Medscape Journal of Medicine</i> , 2008 , 10, 160		235
85	Dietary fructose in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2013 , 57, 2525-31	11.2	200
84	Caloric sweetener consumption and dyslipidemia among US adults. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1490-7	27.4	183
83	Consumption of added sugars and indicators of cardiovascular disease risk among US adolescents. <i>Circulation</i> , 2011 , 123, 249-57	16.7	177
82	Low-calorie sweetener consumption is increasing in the United States. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 640-6	7	143
81	Measurement of hepatic lipid: high-speed T2-corrected multiecho acquisition at 1H MR spectroscopy—a rapid and accurate technique. <i>Radiology</i> , 2009 , 252, 568-76	20.5	120
80	The natural history of primary sclerosing cholangitis in 781 children: A multicenter, international collaboration. <i>Hepatology</i> , 2017 , 66, 518-527	11.2	110
79	Effect of a Low Free Sugar Diet vs Usual Diet on Nonalcoholic Fatty Liver Disease in Adolescent Boys: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 256-265	27.4	91
78	Dietary fructose reduction improves markers of cardiovascular disease risk in Hispanic-American adolescents with NAFLD. <i>Nutrients</i> , 2014 , 6, 3187-201	6.7	85
77	In Children With Nonalcoholic Fatty Liver Disease, Cysteamine Bitartrate Delayed Release Improves Liver Enzymes but Does Not Reduce Disease Activity Scores. <i>Gastroenterology</i> , 2016 , 151, 1141-1154.e9	13.3	73
76	Low and High Birth Weights Are Risk Factors for Nonalcoholic Fatty Liver Disease in Children. <i>Journal of Pediatrics</i> , 2017 , 187, 141-146.e1	3.6	64

75	Children with NAFLD are more sensitive to the adverse metabolic effects of fructose beverages than children without NAFLD. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1088-98	5.6	63
74	Fructose induced endotoxemia in pediatric nonalcoholic Fatty liver disease. <i>International Journal of Hepatology</i> , 2014 , 2014, 560620	2.7	60
73	Quantitative analysis of T2-correction in single-voxel magnetic resonance spectroscopy of hepatic lipid fraction. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 629-35	5.6	55
72	Amino Acid Metabolism is Altered in Adolescents with Nonalcoholic Fatty Liver Disease-An Untargeted, High Resolution Metabolomics Study. <i>Journal of Pediatrics</i> , 2016 , 172, 14-19.e5	3.6	53
71	Perfluoroalkyl substances and severity of nonalcoholic fatty liver in Children: An untargeted metabolomics approach. <i>Environment International</i> , 2020 , 134, 105220	12.9	48
70	Liver steatosis assessment: correlations among pathology, radiology, clinical data and automated image analysis software. <i>Pathology Research and Practice</i> , 2013 , 209, 371-9	3.4	47
69	Childhood obesity: update on predisposing factors and prevention strategies. <i>Current Gastroenterology Reports</i> , 2010 , 12, 280-7	5	42
68	Cytokeratin 18, a marker of cell death, is increased in children with suspected nonalcoholic fatty liver disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008 , 47, 481-5	2.8	40
67	In Children With Nonalcoholic Fatty Liver Disease, Zone 1 Steatosis Is Associated With Advanced Fibrosis. <i>Clinical Gastroenterology and Hepatology</i> , 2018 , 16, 438-446.e1	6.9	37
66	Fructose and oxidized low-density lipoprotein in pediatric nonalcoholic fatty liver disease: a pilot study. <i>JAMA Pediatrics</i> , 2009 , 163, 674-5		35
65	Arsenic exposure and risk of nonalcoholic fatty liver disease (NAFLD) among U.S. adolescents and adults: an association modified by race/ethnicity, NHANES 2005-2014. <i>Environmental Health</i> , 2018 , 17, 6	6	32
64	Nutrition, nonalcoholic fatty liver disease and the microbiome: recent progress in the field. <i>Current Opinion in Lipidology</i> , 2014 , 25, 61-6	4.4	29
63	Amount of hepatic fat predicts cardiovascular risk independent of insulin resistance among Hispanic-American adolescents. <i>Lipids in Health and Disease</i> , 2015 , 14, 39	4.4	28
62	Design and rationale for a real-world observational cohort of patients with nonalcoholic fatty liver disease: The TARGET-NASH study. <i>Contemporary Clinical Trials</i> , 2017 , 61, 33-38	2.3	27
61	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. <i>Hepatology</i> , 2020 , 72, 1758-1770	11.2	27
60	Acute liver failure in neonates with undiagnosed hereditary fructose intolerance due to exposure from widely available infant formulas. <i>Molecular Genetics and Metabolism</i> , 2018 , 123, 428-432	3.7	26
59	Dietary copper-fructose interactions alter gut microbial activity in male rats. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, G119-G130	5.1	25
58	Low Awareness of Nonalcoholic Fatty Liver Disease in a Population-Based Cohort Sample: the CARDIA Study. <i>Journal of General Internal Medicine</i> , 2019 , 34, 2772-2778	4	25

57	Body mass index trajectories in young adulthood predict non-alcoholic fatty liver disease in middle age: The CARDIA cohort study. <i>Liver International</i> , 2018 , 38, 706-714	7.9	24
56	Modest fructose beverage intake causes liver injury and fat accumulation in marginal copper deficient rats. <i>Obesity</i> , 2013 , 21, 1669-75	8	24
55	Performance of fibrosis prediction scores in paediatric non-alcoholic fatty liver disease. <i>Journal of Paediatrics and Child Health</i> , 2018 , 54, 172-176	1.3	21
54	Altered amino acid profile in patients with SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	21
53	Plasma High-Resolution Metabolomics Differentiates Adults with Normal Weight Obesity from Lean Individuals. <i>Obesity</i> , 2019 , 27, 1729-1737	8	20
52	Fructose and liver function--is this behind nonalcoholic liver disease?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015 , 18, 490-5	3.8	19
51	Understanding childhood obesity in the US: the NIH environmental influences on child health outcomes (ECHO) program. <i>International Journal of Obesity</i> , 2020 , 44, 617-627	5.5	19
50	Clinically Actionable Hypercholesterolemia and Hypertriglyceridemia in Children with Nonalcoholic Fatty Liver Disease. <i>Journal of Pediatrics</i> , 2018 , 198, 76-83.e2	3.6	17
49	Development of a Plasma Screening Panel for Pediatric Nonalcoholic Fatty Liver Disease Using Metabolomics. <i>Hepatology Communications</i> , 2019 , 3, 1311-1321	6	17
48	Hepatic oxidative stress in fructose-induced fatty liver is not caused by sulfur amino acid insufficiency. <i>Nutrients</i> , 2011 , 3, 987-1002	6.7	17
47	Progression of Fatty Liver Disease in Children Receiving Standard of Care Lifestyle Advice. <i>Gastroenterology</i> , 2020 , 159, 1731-1751.e10	13.3	17
46	American Association of Clinical Endocrinology Clinical Practice Guideline for the Diagnosis and Management of Nonalcoholic Fatty Liver Disease in Primary Care and Endocrinology Clinical Settings: Co-Sponsored by the American Association for the Study of Liver Diseases (AASLD).. <i>Endocrine Practice</i> , 2022 , 28, 522-542	3.2	16
45	Natural History of NAFLD Diagnosed in Childhood: A Single-Center Study. <i>Children</i> , 2017 , 4,	2.8	14
44	Pediatric Nonalcoholic Fatty Liver Disease: A Report from the Expert Committee on Nonalcoholic Fatty Liver Disease (ECON). <i>Journal of Pediatrics</i> , 2016 , 172, 9-13	3.6	14
43	Alanine Aminotransferase as a Monitoring Biomarker in Children with Nonalcoholic Fatty Liver Disease: A Secondary Analysis Using TONIC Trial Data. <i>Children</i> , 2018 , 5,	2.8	13
42	Brief training in patient-centered counseling for healthy weight management increases counseling self-efficacy and goal setting among pediatric primary care providers: results of a pilot program. <i>Clinical Pediatrics</i> , 2015 , 54, 425-9	1.2	12
41	Perspectives on youth-onset nonalcoholic fatty liver disease. <i>Endocrinology, Diabetes and Metabolism</i> , 2020 , 3, e00184	2.7	12
40	A randomized, controlled, crossover pilot study of losartan for pediatric nonalcoholic fatty liver disease. <i>Pilot and Feasibility Studies</i> , 2018 , 4, 109	1.9	12

39	Deep-learning-based accurate hepatic steatosis quantification for histological assessment of liver biopsies. <i>Laboratory Investigation</i> , 2020 , 100, 1367-1383	5.9	12
38	Challenges and successes of a multidisciplinary pediatric obesity treatment program. <i>Nutrition in Clinical Practice</i> , 2014 , 29, 780-5	3.6	11
37	Carbohydrates and diet patterns in nonalcoholic fatty liver disease in children and adolescents. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018 , 21, 283-288	3.8	11
36	Twenty-five-year trajectories of insulin resistance and pancreatic β cell response and diabetes risk in nonalcoholic fatty liver disease. <i>Liver International</i> , 2018 , 38, 2069-2081	7.9	10
35	Nutrition and nonalcoholic fatty liver disease in children. <i>Current Diabetes Reports</i> , 2008 , 8, 399-406	5.6	10
34	The role of NAFLD in cardiometabolic disease: an update. <i>F1000Research</i> , 2018 , 7, 170	3.6	10
33	Plasminogen Activator Inhibitor-1 Predicts Quantity of Hepatic Steatosis Independent of Insulin Resistance and Body Weight. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016 , 62, 819-23	2.8	10
32	Advances in Pediatric Fatty Liver Disease: Pathogenesis, Diagnosis, and Treatment. <i>Gastroenterology Clinics of North America</i> , 2018 , 47, 949-968	4.4	10
31	Alanine Aminotransferase and Gamma-Glutamyl Transpeptidase Predict Histologic Improvement in Pediatric Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2021 , 73, 937-951	11.2	9
30	Truncal-to-leg fat ratio and cardiometabolic disease risk factors in US adolescents: NHANES 2003-2006. <i>Pediatric Obesity</i> , 2019 , 14, e12509	4.6	8
29	Nutrition and nonalcoholic fatty liver disease in children. <i>Current Gastroenterology Reports</i> , 2008 , 10, 308-15	5	7
28	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen.. <i>Nature Metabolism</i> , 2021 , 3, 1694-1705	14.6	7
27	Copper-Fructose Interactions: A Novel Mechanism in the Pathogenesis of NAFLD. <i>Nutrients</i> , 2018 , 10,	6.7	7
26	Low Hepatic Tissue Copper in Pediatric Nonalcoholic Fatty Liver Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017 , 65, 89-92	2.8	6
25	Cardiometabolic risks vary by weight status in pediatric kidney and liver transplant recipients: A cross-sectional, single-center study in the USA. <i>Pediatric Transplantation</i> , 2017 , 21, e12984	1.8	6
24	Increased atherogenic lipoprotein profile in children with non-alcoholic steatohepatitis. <i>Pediatric Obesity</i> , 2020 , 15, e12648	4.6	6
23	Secretory phospholipase A2 in SARS-CoV-2 infection and multisystem inflammatory syndrome in children (MIS-C). <i>Experimental Biology and Medicine</i> , 2021 , 246, 2543-2552	3.7	6
22	Hepatic fat is a stronger correlate of key clinical and molecular abnormalities than visceral and abdominal subcutaneous fat in youth. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	4

21	500 Losartan Improves Hepatic Inflammation in Children With Non-Alcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2016 , 150, S1036	13.3	4
20	Keratin 18, Apoptosis, and Liver Disease in Children. <i>Current Pediatric Reviews</i> , 2011 , 7, 310-315	2.8	3
19	Prevalence of SARS-CoV-2 antibodies in pediatric healthcare workers. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 474-481	10.5	3
18	Covid-19 will not "magically disappear": Why access to widespread testing is paramount. <i>American Journal of Hematology</i> , 2021 , 96, 174-178	7.1	3
17	In Utero Exposure to Mercury Is Associated With Increased Susceptibility to Liver Injury and Inflammation in Childhood. <i>Hepatology</i> , 2021 , 74, 1546-1559	11.2	3
16	Dietary sugar restriction reduces hepatic de novo lipogenesis in adolescent boys with fatty liver disease.. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	3
15	Update in childhood and adolescent obesity. <i>Pediatric Clinics of North America</i> , 2011 , 58, xv-xvii	3.6	2
14	Role of PAI-1 in Pediatric Obesity and Nonalcoholic Fatty Liver Disease. <i>Current Cardiovascular Risk Reports</i> , 2017 , 11, 1	0.9	1
13	Low Free Sugar Diet in Adolescents With Nonalcoholic Fatty Liver Disease-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2469	27.4	1
12	NAFLD in the transition from adolescence to young adulthood. <i>Clinical Liver Disease</i> , 2014 , 4, 93-95	2.2	1
11	Response to the Letters Regarding the North American Society of Pediatric Gastroenterology, Hepatology and Nutrition NAFLD Guidelines. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017 , 65, e115-e116	2.8	1
10	Validation of MRI-VLFF for the non-invasive measurement of steatosis in children. <i>GastroHep</i> , 2020 , 2, 171-180	1	1
9	Associations of Added Sugar from All Sources and Sugar-Sweetened Beverages with Regional Fat Deposition in US Adolescents: NHANES 1999-2006. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz130	0.4	1
8	The need for new test verification and regulatory support for innovative diagnostics. <i>Nature Biotechnology</i> , 2021 , 39, 1060-1062	44.5	1
7	Prenatal and childhood exposure to air pollution and traffic and the risk of liver injury in European children. <i>Environmental Epidemiology</i> , 2021 , 5, e153	0.2	0
6	PRO-C3, a Serological Marker of Fibrosis, During Childhood and Correlations With Fibrosis in Pediatric NAFLD. <i>Hepatology Communications</i> , 2021 , 5, 1860-1872	6	0
5	Longitudinal associations of total and trunk fat in childhood and adolescence and risk of hepatic steatosis at 24 years. <i>Pediatric Obesity</i> , 2021 , 16, e12773	4.6	0
4	Replacement of Sugar-Sweetened Beverages with Water and its Impact on Insulin Sensitivity Among Overweight Adolescents and Young Adults. <i>FASEB Journal</i> , 2015 , 29, 584.12	0.9	

- 3 Fructose reduction improves CVD risk in adolescents with NAFLD. *FASEB Journal*, **2013**, 27, 857.11 0.9
- 2 Acute lipids response to fructose beverage in adolescents with NAFLD. *FASEB Journal*, **2013**, 27, 857.10 0.9
- 1 Update on Pediatric Fatty Liver Disease. *Current Hepatology Reports*, **2018**, 17, 361-366 1