

# Miriam B Vos

## List of Publications by Year in descending order

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103  
papers

8,073  
citations

109137

35  
h-index

49773

87  
g-index

130  
all docs

130  
docs citations

130  
times ranked

10608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Perspectives on Nonalcoholic Fatty Liver Disease and Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2019, 69, 2672-2682.	3.6	1,203
2	Nonalcoholic Fatty Liver Disease: Pathology and Pathogenesis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2010, 5, 145-171.	9.6	710
3	NASPGHAN Clinical Practice Guideline for the Diagnosis and Treatment of Nonalcoholic Fatty Liver Disease in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 64, 319-334.	0.9	649
4	Antibiotics protect against fructose-induced hepatic lipid accumulation in mice: Role of endotoxin. <i>Journal of Hepatology</i> , 2008, 48, 983-992.	1.8	467
5	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.	0.9	401
6	Added Sugars and Cardiovascular Disease Risk in Children: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017, 135, e1017-e1034.	1.6	380
7	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. <i>Endocrine Practice</i> , 2022, 28, 528-562.	1.1	323
8	Dietary fructose in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2013, 57, 2525-2531.	3.6	262
9	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.	0.6	244
10	Caloric Sweetener Consumption and Dyslipidemia Among US Adults. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 1490.	3.8	229
11	Consumption of Added Sugars and Indicators of Cardiovascular Disease Risk Among US Adolescents. <i>Circulation</i> , 2011, 123, 249-257.	1.6	228
12	Low-calorie sweetener consumption is increasing in the United States. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 640-646.	2.2	173
13	Effect of a Low Free Sugar Diet vs Usual Diet on Nonalcoholic Fatty Liver Disease in Adolescent Boys. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 256.	3.8	163
14	The natural history of primary sclerosing cholangitis in 781 children: A multicenter, international collaboration. <i>Hepatology</i> , 2017, 66, 518-527.	3.6	155
15	Measurement of Hepatic Lipid: High-Speed T2-Corrected Multiecho Acquisition at <sup>1</sup> H MR Spectroscopy—A Rapid and Accurate Technique. <i>Radiology</i> , 2009, 252, 568-576.	3.6	142
16	Perfluoroalkyl substances and severity of nonalcoholic fatty liver in Children: An untargeted metabolomics approach. <i>Environment International</i> , 2020, 134, 105220.	4.8	110
17	Dietary Fructose Reduction Improves Markers of Cardiovascular Disease Risk in Hispanic-American Adolescents with NAFLD. <i>Nutrients</i> , 2014, 6, 3187-3201.	1.7	106
18	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.	0.6	100

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19	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.	0.9	91
20	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. <i>Hepatology</i> , 2020, 72, 1758-1770.	3.6	90
21	Fructose Induced Endotoxemia in Pediatric Nonalcoholic Fatty Liver Disease. <i>International Journal of Hepatology</i> , 2014, 2014, 1-8.	0.4	81
22	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.	0.9	73
23	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-E1098.	1.8	70
24	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.	1.7	69
25	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, .	3.3	68
26	Quantitative analysis of T2* correction in single-voxel magnetic resonance spectroscopy of hepatic lipid fraction. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 629-635.	1.9	64
27	Childhood Obesity: Update on Predisposing Factors and Prevention Strategies. <i>Current Gastroenterology Reports</i> , 2010, 12, 280-287.	1.1	59
28	Liver steatosis assessment: Correlations among pathology, radiology, clinical data and automated image analysis software. <i>Pathology Research and Practice</i> , 2013, 209, 371-379.	1.0	56
29	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.	2.4	56
30	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, 481-485.	0.9	50
31	Progression of Fatty Liver Disease in Children Receiving Standard of Care Lifestyle Advice. <i>Gastroenterology</i> , 2020, 159, 1731-1751.e10.	0.6	49
32	Fructose and Oxidized Low-Density Lipoprotein in Pediatric Nonalcoholic Fatty Liver Disease: A Pilot Study. <i>JAMA Pediatrics</i> , 2009, 163, 674.	3.6	41
33	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.	0.5	40
34	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.	0.8	38
35	Body mass index trajectories in young adulthood predict nonalcoholic fatty liver disease in middle age: The CARDIA cohort study. <i>Liver International</i> , 2018, 38, 706-714.	1.9	38
36	Deep-learning-based accurate hepatic steatosis quantification for histological assessment of liver biopsies. <i>Laboratory Investigation</i> , 2020, 100, 1367-1383.	1.7	38

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37	Dietary copper-fructose interactions alter gut microbial activity in male rats. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G119-G130.	1.6	37
38	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.	1.3	37
39	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen. <i>Nature Metabolism</i> , 2021, 3, 1694-1705.	5.1	36
40	Performance of fibrosis prediction scores in paediatric non-alcoholic fatty liver disease. <i>Journal of Paediatrics and Child Health</i> , 2018, 54, 172-176.	0.4	33
41	Dietary sugar restriction reduces hepatic de novo lipogenesis in adolescent boys with fatty liver disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	33
42	Nutrition, nonalcoholic fatty liver disease and the microbiome. <i>Current Opinion in Lipidology</i> , 2014, 25, 61-66.	1.2	32
43	Plasma High-Resolution Metabolomics Differentiates Adults with Normal Weight Obesity from Lean Individuals. <i>Obesity</i> , 2019, 27, 1729-1737.	1.5	32
44	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.	1.6	32
45	Alanine Aminotransferase and Gamma-Glutamyl Transpeptidase Predict Histologic Improvement in Pediatric Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2021, 73, 937-951.	3.6	32
46	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.	1.2	31
47	Development of a Plasma Screening Panel for Pediatric Nonalcoholic Fatty Liver Disease Using Metabolomics. <i>Hepatology Communications</i> , 2019, 3, 1311-1321.	2.0	31
48	Association of Prenatal Exposure to Endocrine-Disrupting Chemicals With Liver Injury in Children. <i>JAMA Network Open</i> , 2022, 5, e2220176.	2.8	30
49	Furthering the understanding of maternal obesity in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2013, 58, 4-5.	3.6	27
50	Modest fructose beverage intake causes liver injury and fat accumulation in marginal copper deficient rats. <i>Obesity</i> , 2013, 21, 1669-1675.	1.5	26
51	Perspectives on youth-onset nonalcoholic fatty liver disease. <i>Endocrinology, Diabetes and Metabolism</i> , 2020, 3, e00184.	1.0	26
52	Clinically Actionable Hypercholesterolemia and Hypertriglyceridemia in Children with Nonalcoholic Fatty Liver Disease. <i>Journal of Pediatrics</i> , 2018, 198, 76-83.e2.	0.9	24
53	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, 64.	0.6	24
54	Copper-Fructose Interactions: A Novel Mechanism in the Pathogenesis of NAFLD. <i>Nutrients</i> , 2018, 10, 1815.	1.7	23

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55	Fructose and liver function " is this behind nonalcoholic liver disease?. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 490-495.	1.3	22
56	In Utero Exposure to Mercury Is Associated With Increased Susceptibility to Liver Injury and Inflammation in Childhood. Hepatology, 2021, 74, 1546-1559.	3.6	22
57	Natural History of NAFLD Diagnosed in Childhood: A Single-Center Study. Children, 2017, 4, 34.	0.6	21
58	Secretory phospholipase A2 in SARS-CoV-2 infection and multisystem inflammatory syndrome in children (MIS-C). Experimental Biology and Medicine, 2021, 246, 2543-2552.	1.1	20
59	Pediatric Nonalcoholic Fatty Liver Disease: A Report from the Expert Committee on Nonalcoholic Fatty Liver Disease (ECON). Journal of Pediatrics, 2016, 172, 9-13.	0.9	19
60	A randomized, controlled, crossover pilot study of losartan for pediatric nonalcoholic fatty liver disease. Pilot and Feasibility Studies, 2018, 4, 109.	0.5	19
61	Fructose takes a toll. Hepatology, 2009, 50, 1004-1006.	3.6	18
62	Brief Training in Patient-Centered Counseling for Healthy Weight Management Increases Counseling Self-efficacy and Goal Setting Among Pediatric Primary Care Providers. Clinical Pediatrics, 2015, 54, 425-429.	0.4	18
63	Carbohydrates and diet patterns in nonalcoholic fatty liver disease in children and adolescents. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 283-288.	1.3	18
64	Hepatic Oxidative Stress in Fructose-Induced Fatty Liver Is Not Caused by Sulfur Amino Acid Insufficiency. Nutrients, 2011, 3, 987-1002.	1.7	17
65	Hepatic fat is a stronger correlate of key clinical and molecular abnormalities than visceral and abdominal subcutaneous fat in youth. BMJ Open Diabetes Research and Care, 2020, 8, e001126.	1.2	15
66	The role of NAFLD in cardiometabolic disease: an update. F1000Research, 2018, 7, 170.	0.8	15
67	Challenges and Successes of a Multidisciplinary Pediatric Obesity Treatment Program. Nutrition in Clinical Practice, 2014, 29, 780-785.	1.1	13
68	Low Hepatic Tissue Copper in Pediatric Nonalcoholic Fatty Liver Disease. Journal of Pediatric Gastroenterology and Nutrition, 2017, 65, 89-92.	0.9	12
69	Truncal-to-leg fat ratio and cardiometabolic disease risk factors in US adolescents: NHANES 2003-2006. Pediatric Obesity, 2019, 14, e12509.	1.4	12
70	Nutrition and nonalcoholic fatty liver disease in children. Current Diabetes Reports, 2008, 8, 399-406.	1.7	11
71	Twenty-five-year trajectories of insulin resistance and pancreatic Î²-cell response and diabetes risk in nonalcoholic fatty liver disease. Liver International, 2018, 38, 2069-2081.	1.9	11
72	Advances in Pediatric Fatty Liver Disease. Gastroenterology Clinics of North America, 2018, 47, 949-968.	1.0	11

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73	Factors to Consider in Development of Drugs for Pediatric Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2019, 157, 1448-1456.e1.	0.6	11
74	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, 819-823.	0.9	10
75	Nutrition and nonalcoholic fatty liver disease in children. <i>Current Gastroenterology Reports</i> , 2008, 10, 308-315.	1.1	9
76	Increased atherogenic lipoprotein profile in children with <scp>nonâ€œalcoholic</scp> steatohepatitis. <i>Pediatric Obesity</i> , 2020, 15, e12648.	1.4	9
77	Randomized placeboâ€œcontrolled trial of losartan for pediatric NAFLD. <i>Hepatology</i> , 2022, 76, 429-444.	3.6	9
78	Cardiometabolic risks vary by weight status in pediatric kidney and liver transplant recipients: A crossâ€œsectional, singleâ€œcenter study in the USA. <i>Pediatric Transplantation</i> , 2017, 21, e12984.	0.5	7
79	Prevalence of SARS-CoV-2 antibodies in pediatric healthcare workers. <i>International Journal of Infectious Diseases</i> , 2021, 105, 474-481.	1.5	6
80	Update in Childhood and Adolescent Obesity. <i>Pediatric Clinics of North America</i> , 2011, 58, xv-xvii.	0.9	5
81	Is it time to advance pediatric NAFLD diagnosis to the magnetic resonance imaging era?. <i>Hepatology</i> , 2015, 61, 1779-1780.	3.6	5
82	Covidâ€œ19 will not â€œmagically disappearâ€œ. Why access to widespread testing is paramount. <i>American Journal of Hematology</i> , 2021, 96, 174-178.	2.0	5
83	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.	1.4	5
84	Keratin 18, Apoptosis, and Liver Disease in Children. <i>Current Pediatric Reviews</i> , 2011, 7, 310-315.	0.4	4
85	500 Losartan Improves Hepatic Inflammation in Children With Non-Alcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2016, 150, S1036.	0.6	4
86	Associations of Added Sugar from All Sources and Sugar-Sweetened Beverages with Regional Fat Deposition in US Adolescents: NHANES 1999â€œ2006. <i>Current Developments in Nutrition</i> , 2019, 3, nzz130.	0.1	4
87	Associations between Free Sugar and Sugary Beverage Intake in Early Childhood and Adult NAFLD in a Population-Based UK Cohort. <i>Children</i> , 2021, 8, 290.	0.6	4
88	PROâ€œC3, a Serological Marker of Fibrosis, During Childhood and Correlations With Fibrosis in Pediatric NAFLD. <i>Hepatology Communications</i> , 2021, 5, 1860-1872.	2.0	4
89	Sugar, Sugar . . . Not So Sweet for the Liver. <i>Gastroenterology</i> , 2017, 153, 642-645.	0.6	3
90	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.	0.9	2

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91	Low Free Sugar Diet in Adolescents With Nonalcoholic Fatty Liver Disease—Reply. JAMA - Journal of the American Medical Association, 2019, 321, 2469.	3.8	2
92	Longitudinal associations of total and trunk fat in childhood and adolescence and risk of hepatic steatosis at 24 years. Pediatric Obesity, 2021, 16, e12773.	1.4	2
93	The need for new test verification and regulatory support for innovative diagnostics. Nature Biotechnology, 2021, 39, 1060-1062.	9.4	2
94	NAFLD in the transition from adolescence to young adulthood. Clinical Liver Disease, 2014, 4, 93-95.	1.0	1
95	Role of PAI-1 in Pediatric Obesity and Nonalcoholic Fatty Liver Disease. Current Cardiovascular Risk Reports, 2017, 11, 1.	0.8	1
96	Validation of MRI-based VFF for the non-invasive measurement of steatosis in children. GastroHep, 2020, 2, 171-180.	0.3	1
97	Variation in Alanine Aminotransferase in Children with Non-Alcoholic Fatty Liver Disease. Children, 2022, 9, 374.	0.6	1
98	Update on Pediatric Fatty Liver Disease. Current Hepatology Reports, 2018, 17, 361-366.	0.4	0
99	Having your cake (mix) and eating it too: Independent, interaction, and group effects of mixtures using Bayesian Hierarchical Regression Modelling. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
100	Prenatal exposure to lipophilic endocrine-disrupting chemicals and liver injury in children using chemical mixture approaches. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
101	Fructose reduction improves CVD risk in adolescents with NAFLD. FASEB Journal, 2013, 27, 857.11.	0.2	0
102	Acute lipids response to fructose beverage in adolescents with NAFLD. FASEB Journal, 2013, 27, 857.10.	0.2	0
103	Replacement of Sugar-Sweetened Beverages with Water and its Impact on Insulin Sensitivity Among Overweight Adolescents and Young Adults. FASEB Journal, 2015, 29, 584.12.	0.2	0