

# Zecharia Madar

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,437  
citations

394286

19  
h-index

377752

34  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timed high-fat diet resets circadian metabolism and prevents obesity. <i>FASEB Journal</i> , 2012, 26, 3493-3502.	0.2	308
2	High-Fat Diet Delays and Fasting Advances the Circadian Expression of Adiponectin Signaling Components in Mouse Liver. <i>Endocrinology</i> , 2009, 150, 161-168.	1.4	116
3	The effect of an ethanol extract derived from fenugreek ( <i>Trigonella foenum-graecum</i> ) on bile acid absorption and cholesterol levels in rats. <i>British Journal of Nutrition</i> , 1993, 69, 277-287.	1.2	115
4	New legume sources as therapeutic agents. <i>British Journal of Nutrition</i> , 2002, 88, 287-292.	1.2	97
5	Soluble polysaccharide and biomass of red microalga <i>Porphyridium</i> sp. alter intestinal morphology and reduce serum cholesterol in rats. <i>British Journal of Nutrition</i> , 2000, 84, 469-476.	1.2	95
6	The Impact of a Web-Based App (eBalance) in Promoting Healthy Lifestyles: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2015, 17, e56.	2.1	84
7	Fenugreek galactomannan and citrus pectin improve several parameters associated with glucose metabolism and modulate gut microbiota in mice. <i>Nutrition</i> , 2018, 46, 134-142.e3.	1.1	48
8	Big breakfast rich in protein and fat improves glycemic control in type 2 diabetics. <i>Obesity</i> , 2014, 22, E46-54.	1.5	47
9	Mechanism for HIF-1 activation by cholesterol under normoxia: A redox signaling pathway for liver damage. <i>Free Radical Biology and Medicine</i> , 2014, 71, 61-69.	1.3	47
10	Glabridin, an isoflavan from licorice root, downregulates iNOS expression and activity under high-glucose stress and inflammation. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1041-1052.	1.5	41
11	Absorption of bioactive human growth hormone after oral administration in the common carp ( <i>Cyprinus carpio</i> ) and its enhancement by deoxycholate. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1991, 161, 159-63.	0.7	39
12	Prolonged feeding with green tea polyphenols exacerbates cholesterol-induced fatty liver disease in mice. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2542-2553.	1.5	35
13	Enrichment of an Israeli ethnic food with fibres and their effects on the glycaemic and insulinaemic responses in subjects with non-insulin-dependent diabetes mellitus. <i>British Journal of Nutrition</i> , 1995, 74, 681-688.	1.2	34
14	Nutrition Targeting by Food Timing: Time-Related Dietary Approaches to Combat Obesity and Metabolic Syndrome. <i>Advances in Nutrition</i> , 2015, 6, 214-223.	2.9	34
15	Glabridin, an isoflavan from licorice root, upregulates paraoxonase 2 expression under hyperglycemia and protects it from oxidation. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 287-299.	1.5	29
16	Greater Weight Loss and Hormonal Changes After 6 Months Diet With Carbohydrates Eaten Mostly at Dinner. <i>Obesity</i> , 2011, 19, 2006-2014.	1.5	28
17	Cataract Development in Sand and Galactosemic Rats Fed a Natural Tomato Extract. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 5122-5126.	2.4	27
18	Utilization of a Deep Learning Algorithm for Microscope-Based Fatty Vacuole Quantification in a Fatty Liver Model in Mice. <i>Toxicologic Pathology</i> , 2020, 48, 702-707.	0.9	26

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19	Non-alcoholic fatty liver disease, to struggle with the strangle: Oxygen availability in fatty livers. Redox Biology, 2017, 13, 386-392.	3.9	25
20	Cholesterol Induces Nrf-2- and HIF-1-Dependent Hepatocyte Proliferation and Liver Regeneration to Ameliorate Bile Acid Toxicity in Mouse Models of NASH and Fibrosis. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-18.	1.9	22
21	Dietary regulation and localization of apoptosis cascade proteins in the colonic crypt. Journal of Cellular Biochemistry, 2000, 77, 18-29.	1.2	19
22	Effects of High-Fiber diets on pathological changes in DM-induced rat colon cancer. Nutrition and Cancer, 1993, 20, 87-96.	0.9	16
23	Broccoli Florets Supplementation Improves Insulin Sensitivity and Alters Gut Microbiome Population in a Steatosis Mice Model Induced by High-Fat Diet. Frontiers in Nutrition, 2021, 8, 680241.	1.6	16
24	Cannabis Extracts Affected Metabolic Syndrome Parameters in Mice Fed High-Fat/Cholesterol Diet. Cannabis and Cannabinoid Research, 2020, 5, 202-214.	1.5	13
25	The effect of a low-carbohydrate high-fat diet and ethnicity on daily glucose profile in type 2 diabetes determined by continuous glucose monitoring. European Journal of Nutrition, 2020, 59, 1929-1936.	1.8	11
26	Dietary broccoli improves markers associated with glucose and lipid metabolism through modulation of gut microbiota in mice. Nutrition, 2021, 90, 111240.	1.1	11
27	Effect of metformin and lipid emulsion on the circadian gene expression in muscle cells. International Journal of Biochemistry and Cell Biology, 2014, 53, 151-161.	1.2	10
28	Effects of Cottonseed Dietary Fiber on Metabolic Parameters in Diabetic Rats and Non-Insulin-Dependent Diabetic Humans. Journal of Nutrition, 1988, 118, 1143-1148.	1.3	9
29	Galactomannan More than Pectin Exacerbates Liver Injury in Mice Fed with High-Fat, High-Cholesterol Diet. Molecular Nutrition and Food Research, 2018, 62, e1800331.	1.5	8
30	High oleic peanuts improve parameters leading to fatty liver development and change the microbiota in mice intestine. Food and Nutrition Research, 2020, 64, .	1.2	8
31	Concentrating carbohydrates before sleep improves feeding regulation and metabolic and inflammatory parameters in mice. Molecular and Cellular Endocrinology, 2015, 414, 29-41.	1.6	5
32	Early beta-cell dysfunction characterizes males with type 2 diabetes of Yemenite origin. Acta Diabetologica, 2016, 53, 567-574.	1.2	5
33	Does the glycogen synthase (EC 2.4.1.21) of brown adipose tissue play a regulatory role in glucose homeostasis?. British Journal of Nutrition, 1991, 66, 95-104.	1.2	4
34	Effect of dietary oils from various sources on carbohydrate and fat metabolism in mice. Food and Nutrition Research, 2020, 64, .	1.2	4
35	Cannabis Extract Effects on Metabolic Parameters and Gut Microbiota Composition in a Mice Model of NAFLD and Obesity. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-13.	0.5	1