

Reza Hakkak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metabolic Status of Lean and Obese Zucker Rats Based on Untargeted and Targeted Metabolomics Analysis of Serum. <i>Biomedicines</i> , 2022, 10, 153.	1.4	5
2	Hepatic Proteomics Analysis of Nonalcoholic Fatty Liver Disease Obese Rat Model After Short- and Long-Term Soy Protein Isolate Feeding. <i>Journal of Medicinal Food</i> , 2022, 25, 293-302.	0.8	2
3	Short-Term Metformin Treatment Enriches <i>Bacteroides dorei</i> in an Obese Liver Steatosis Zucker Rat Model. <i>Frontiers in Microbiology</i> , 2022, 13, 834776.	1.5	2
4	Feeding Obese Zucker Rats With Soy Protein Concentrate With High Isoflavones Compared to Low Isoflavones Leads to a Significant Reduction of Serum Tumor Necrosis Factor- α . <i>Current Developments in Nutrition</i> , 2022, 6, 306.	0.1	0
5	A Pilot Study Protocol: Glycemic Patterns in Obese Pregnancies Without Diabetes – Identifying Susceptible Periods for Intervention. <i>Current Developments in Nutrition</i> , 2022, 6, 1143.	0.1	0
6	Diet Containing Soy Protein Concentrate with Low and High Isoflavones for 18 Weeks Protects Against Non-alcoholic Fatty Liver Diseases. <i>Current Developments in Nutrition</i> , 2022, 6, 1060.	0.1	0
7	Effects of 8 Weeks Feeding Diet with Low and High Isoflavones Soy Protein Concentrate on Serum Isoflavones in Non-alcoholic Fatty Liver Disease (NAFLD) Rat Model. <i>Current Developments in Nutrition</i> , 2022, 6, 1061.	0.1	0
8	Examining weight gain: A retrospective study on preterm newborn growth on a diet exclusively of fortified donor breast milk. <i>International Journal of Functional Nutrition</i> , 2021, 2, .	0.5	0
9	Effects of obesity and 10 weeks metformin treatment on liver steatosis. <i>Biomedical Reports</i> , 2021, 14, 49.	0.9	3
10	Effects of Short-Term Metformin Treatment on Gut Microbiota Profile Using Female Obese Zucker Rat Model. <i>Current Developments in Nutrition</i> , 2021, 5, 1213.	0.1	0
11	Liver Proteomics Analysis After Short- and Long-Term Soy Protein Isolate Feeding Using Obese Zucker Rat Model. <i>Current Developments in Nutrition</i> , 2021, 5, 1226.	0.1	1
12	Effects of Short and Long-Term Soy Protein Isolate Intake on Hepatic Cytochrome P450 Expression in Obese Zucker Rats. <i>Current Developments in Nutrition</i> , 2021, 5, 1225.	0.1	0
13	Effects of Short- and Long-Term Soy Protein Feeding on Hepatic Cytochrome P450 Expression in Obese Nonalcoholic Fatty Liver Disease Rat Model. <i>Frontiers in Nutrition</i> , 2021, 8, 699620.	1.6	1
14	Effects of Obesity and Low and High Isoflavones in Soy Protein Concentrate Diet on Liver Steatosis. <i>Current Developments in Nutrition</i> , 2021, 5, 339.	0.1	0
15	A Comparison of Short- and Long-Term Soy Protein Isolate Intake and Its Ability to Reduce Liver Steatosis in Obese Zucker Rats Through Modifications of Genes Involved in Inflammation and Lipid Transport. <i>Journal of Medicinal Food</i> , 2021, 24, 1010-1016.	0.8	1
16	Effects of Obesity and Short-Term Metformin Treatment on Liver Steatosis in Female Zucker Rats. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa063_038.	0.1	0
17	Global Gene Expression and Pathway Analysis of Liver Obtained After 8 and 16 Weeks of Feeding Soy Isolate- or Casein-Based Diets in Male Obese Zucker Rats. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa063_048.	0.1	0
18	Long-Term Soy Protein Isolate Consumption Reduces Liver Steatosis Through Changes in Global Transcriptomics in Obese Zucker Rats. <i>Frontiers in Nutrition</i> , 2020, 7, 607970.	1.6	8

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19	Advanced liver steatosis accompanies an increase in hepatic inflammation, colonic, secondary bile acids and Lactobacillaceae/Lachnospiraceae bacteria in C57BL/6 mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2020, 78, 108336.	1.9	44
20	Effects of Obesity on Serum Calcium and Parathyroid Hormone in Zucker Rat Model (P08-032-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz044.P08-032-19.	0.1	0
21	A diet containing high- versus low-daidzein does not affect bone density and osteogenic gene expression in the obese Zucker rat model. <i>Food and Function</i> , 2019, 10, 6851-6857.	2.1	4
22	Comparison of liver gene expression by RNAseq and PCR analysis after 8 weeks of feeding soy protein isolate- or casein-based diets in an obese liver steatosis rat model. <i>Food and Function</i> , 2019, 10, 8218-8229.	2.1	9
23	Effects of Diet Containing Soy Protein Isolate on Liver Metabolic Methylation Status Using Obese Zucker Rat Model (P08-033-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz044.P08-033-19.	0.1	1
24	Short-Term Soy Protein Isolate Feeding Prevents Liver Steatosis and Reduces Serum ALT and AST Levels in Obese Female Zucker Rats. <i>Biomedicines</i> , 2018, 6, 55.	1.4	31
25	A diet containing a high- versus low-daidzein level does not protect against liver steatosis in the obese Zucker rat model. <i>Food and Function</i> , 2017, 8, 1293-1298.	2.1	7
26	Effects of Obesity on Pro-Oxidative Conditions and DNA Damage in Liver of DMBA-Induced Mammary Carcinogenesis Models. <i>Metabolites</i> , 2017, 7, 26.	1.3	5
27	Butyrate Inhibits Cancerous HCT116 Colon Cell Proliferation but to a Lesser Extent in Noncancerous NCM460 Colon Cells. <i>Nutrients</i> , 2017, 9, 25.	1.7	40
28	Dehydroepiandrosterone (DHEA) Feeding Protects Liver Steatosis in Obese Breast Cancer Rat Model. <i>Scientia Pharmaceutica</i> , 2017, 85, 13.	0.7	8
29	Assessment of gut microbiota populations in lean and obese Zucker rats. <i>PLoS ONE</i> , 2017, 12, e0181451.	1.1	29
30	Relationship between level of HbA1C and breast cancer. <i>BBA Clinical</i> , 2016, 6, 45-48.	4.1	10
31	Effect of obesity on liver metabolic and morphological profile in Zucker rats. <i>FASEB Journal</i> , 2016, 30, 910.1.	0.2	1
32	Butyrate Plays Differential Roles in Cellular Signaling in Cancerous HCT116 and Noncancerous NCM460 Colon Cells. <i>FASEB Journal</i> , 2016, 30, 688.9.	0.2	0
33	Short- and Long-Term Soy Diet Versus Casein Protects Liver Steatosis Independent of the Arginine Content. <i>Journal of Medicinal Food</i> , 2015, 18, 1274-1280.	0.8	17
34	Evaluating Effectiveness of the Arkansas Expanded Food and Nutrition Education Program on Changing Food Resource Management and Nutrition Practice Outcomes. <i>FASEB Journal</i> , 2015, 29, 911.7.	0.2	1
35	Identification of Risk Factors and Clinical Measures for Pediatric Eating Disorder Patients. <i>FASEB Journal</i> , 2015, 29, 912.6.	0.2	0
36	Effects of 7, 12-dimethylbenz (a)Anthracene (DMBA) Treatment on Serum Oxidative and Nitrositive Stress in Obese Zucker Rats. <i>FASEB Journal</i> , 2015, 29, 753.8.	0.2	0

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37	Proteomic Analysis of the Low Molecular Weight Peptide Fraction in Serum of Obese Zucker Rat. FASEB Journal, 2015, 29, 595.3.	0.2	0
38	Relationship Between Level of HbA1C and Breast Cancer Outcomes. FASEB Journal, 2015, 29, .	0.2	1
39	Comparison of Selected Micronutrient Intakes Between Vegans and Omnivores Using Dietary Reference Intakes. FASEB Journal, 2015, 29, 587.15.	0.2	0
40	Eating Habits and Patterns of Female College Athletes. FASEB Journal, 2015, 29, 733.1.	0.2	0
41	Influences on Breastfeeding Exclusivity and Duration. FASEB Journal, 2015, 29, 581.2.	0.2	0
42	Effects of Obesity on Serum Cations using Obese Zucker Rat Model. FASEB Journal, 2015, 29, 602.2.	0.2	0
43	Effects of Obesity on Bone Mass and Quality in Ovariectomized Female Zucker Rats. Journal of Obesity, 2014, 2014, 1-7.	1.1	14
44	Effects of obesity and soy protein diet on serum vitamin D metabolites. Journal of Obesity & Weight Loss Therapy, 2013, s2, .	0.1	0
45	Relationship of Body Mass Index to Screen Time in Head Start Participants in Central Arkansas. FASEB Journal, 2013, 27, 1063.16.	0.2	0
46	Efficacy of Interactive Whiteboards as Teaching Tools in the Nutrition Education of 1st and 2nd grade students. FASEB Journal, 2013, 27, 1062.1.	0.2	0
47	Physician attitudes towards individuals who are overweight. FASEB Journal, 2013, 27, 1064.4.	0.2	0
48	Effects of high isoflavone soy diet vs casein or arginine-supplemented casein diet on liver steatosis. FASEB Journal, 2013, 27, 861.24.	0.2	0
49	Impact of Menu Labeling on Food Choices of Southern Undergraduate Students. FASEB Journal, 2013, 27, 842.11.	0.2	0
50	Dietary soy protein induces hepatic lipogenic enzyme gene expression while suppressing hepatosteatosis in obese female Zucker rats bearing DMBA-initiated mammary tumors. Genes and Nutrition, 2012, 7, 549-558.	1.2	21
51	Obesity, Diabetes and Breast Cancer: Defining Metabolic Oncogenesis. Journal of Obesity & Weight Loss Therapy, 2012, 02, .	0.1	0
52	Obesity Decreases Serum Selenium Levels in a Mammary Tumor Zucker Rat Model. , 2012, 01, .		2
53	Extra body fat and breast cancer risk. Journal of Obesity & Weight Loss Therapy, 2012, 01, .	0.1	0
54	Integrating sustainable agriculture into professional practice: a survey of dietetic professionals in Arkansas. FASEB Journal, 2012, 26, 815.13.	0.2	0

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55	Nutrient Intake among Children with Autism. FASEB Journal, 2012, 26, 811.16.	0.2	0
56	Effects of Dehydroepiandrosterone (DHEA) treatment on Liver Steatosis using DMBA-Induced Mammary Tumor Obese Zucker Rat Model. FASEB Journal, 2012, 26, 1023.7.	0.2	0
57	Evaluation of Knowledge and Behavior Changes in Middle School Students. FASEB Journal, 2012, 26, 816.1.	0.2	0
58	Dietary modulation of liver lipogenic gene expression in obese female Zucker rats. FASEB Journal, 2012, 26, .	0.2	0
59	Does Digital Photography Improve the Accuracy of Diet Records in the Elderly?. FASEB Journal, 2012, 26, 808.4.	0.2	0
60	Effects of high-isoflavone soy diet vs. casein protein diet and obesity on DMBA-induced mammary tumor development. Oncology Letters, 2011, 2, 29-36.	0.8	17
61	Post-Liver Transplant Weight Gain and its Effect on Cardiovascular Disease Risk Factors. FASEB Journal, 2011, 25, 971.39.	0.2	1
62	Registered Dietitian Involvement in Interdisciplinary Rounds and its Effects on Intervention of Nutrition Support in Adult Ventilated Patients. FASEB Journal, 2011, 25, 971.38.	0.2	0
63	Affects on timeliness of dietitian assessment in acute care: Nutrition screening in acute care related to hospital length of stay and timing of dietitian assessment. FASEB Journal, 2011, 25, 989.3.	0.2	0
64	Energy drink consumption: comparing athletes vs. non-athletes at a private college in Arkansas. FASEB Journal, 2011, 25, 989.2.	0.2	0
65	Dehydroepiandrosterone intake protects against 7,12-dimethylbenz(a)anthracene-induced mammary tumor development in the obese Zucker rat model. Oncology Reports, 2010, 24, 357-62.	1.2	11
66	Obesity And Laboratory Diets Affects Tissue Malondialdehyde (MDA) Levels In Obese Rats. , 2010, , .		0
67	NG2 Expression in Mammary gland and DMBA-Induced Tumor of Obese Zucker Rat Model. FASEB Journal, 2010, 24, 931.3.	0.2	0
68	Dietary Soy Intake and Breast Cancer Risk. Oncology Nursing Forum, 2009, 36, 531-539.	0.5	18
69	Sustainable Agriculture: An Educational Approach for the Promotion of Locally Grown Produce. Journal of Nutrition Education and Behavior, 2009, 41, S1-S2.	0.3	0
70	Effects of Obesity, short-term soy vs casein protein diet and DMBA on Liver CYP 1A1 and CYP 1B1 Expression in Ovariectomized Obese Zucker Rats. FASEB Journal, 2009, 23, 897.1.	0.2	0
71	Effects of soy vs casein protein diet and obesity on DMBA-induced mammary tumor development. FASEB Journal, 2009, 23, 897.2.	0.2	0
72	Effects of Long-Term Soy vs Casein Protein Intake and Obesity on Serum Insulin-Like Growth Factor 1 (IGF-1) and IGFBP-3 Levels using Obese Female Zucker Rat Model.. FASEB Journal, 2009, 23, 718.12.	0.2	0

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73	Effectiveness of outpatient diabetes education on HbA1c levels. FASEB Journal, 2008, 22, 872.4.	0.2	0
74	Relationship of body mass index with asthma indicators in Head Start children. Annals of Allergy, Asthma and Immunology, 2007, 99, 22-28.	0.5	32
75	Estrogen Receptor Expression of DMBA-Induced Mammary Tumors in Intact and Ovariectomized Lean and Obese Zucker Rats.. FASEB Journal, 2007, 21, A734.	0.2	1
76	Hemodynamic and Electrocardiographic Effects of Ephedra-Free Dietary Supplements. FASEB Journal, 2007, 21, A1087.	0.2	0
77	Associations of dietary intake and physical activity with intramyocellular lipid content in older men and women. FASEB Journal, 2007, 21, A1069.	0.2	0
78	Diabetes education lowers HbA1c and weight in a veteran population with Type 2 Diabetes. FASEB Journal, 2007, 21, A304.	0.2	0
79	Association of body mass index and pulmonary function tests in cystic fibrosis patients. FASEB Journal, 2007, 21, A706.	0.2	0
80	The effectiveness of diabetes education on the lipid profile and HbA1c in a proactive veteran population with Type 2 Diabetes Mellitus. FASEB Journal, 2007, 21, A304.	0.2	0
81	Obesity increases the incidence of 7,12-dimethylbenz(a)anthracene-induced mammary tumors in an ovariectomized Zucker rat model. International Journal of Oncology, 2007, 30, 557-63.	1.4	13
82	Effects of obesity and short-term dietary manipulations on serum insulin and leptin levels in female Zucker rats following DMBA treatment. FASEB Journal, 2006, 20, A1029.	0.2	0
83	Obesity promotes 7,12-dimethylbenz(a)anthracene-induced mammary tumor development in female zucker rats. Breast Cancer Research, 2005, 7, R627-33.	2.2	69
84	The Health Consequences of Early Soy Consumption. Journal of Nutrition, 2002, 132, 559S-565S.	1.3	108
85	Public Health Implications of Dietary Phytoestrogens. , 2002, , .		0
86	Soy protein isolate consumption protects against azoxymethane-induced colon tumors in male rats. Cancer Letters, 2001, 166, 27-32.	3.2	76
87	Soy and Whey Proteins Downregulate DMBA-Induced Liver and Mammary Gland CYP1 Expression in Female Rats. Journal of Nutrition, 2001, 131, 3281-3287.	1.3	60
88	Altered Expression and Glucocorticoid-Inducibility of Hepatic CYP3A and CYP2B Enzymes in Male Rats Fed Diets Containing Soy Protein Isolate. Journal of Nutrition, 1999, 129, 1958-1965.	1.3	35
89	Development of a Liquid Chromatography-Mass Spectrometry Procedure for Quantitation of Free and Conjugated Phytoestrogens in Human Urine: Application in Pharmacokinetic Studies After Soy Consumption. Journal of Medicinal Food, 1999, 2, 203-205.	0.8	1
90	Development of a Rat Total Enteral Nutrition Model for Delivery of High Levels of Dietary Phytoestrogens Using Soy Protein Isolate. Journal of Medicinal Food, 1999, 2, 223-225.	0.8	1

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91	Inhibition of CYP2E1 Activity does not Abolish Pulsatile Urine Alcohol Concentrations During Chronic Alcohol Infusions. FEBS Journal, 1995, 230, 914-919.	0.2	0
92	Diet Containing Soy Protein Concentrate With Low and High Isoflavones for 9 Weeks Protects Against Non-alcoholic Fatty Liver Steatosis Using Obese Zucker Rats. Frontiers in Nutrition, 0, 9, .	1.6	6