

Changhao Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5723972/publications.pdf>

Version: 2024-02-01

122
papers

3,004
citations

147726

31
h-index

223716

46
g-index

134
all docs

134
docs citations

134
times ranked

5025
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of dietary calcium, magnesium, sodium, and potassium intake and hypertension: a study on an 8-year dietary intake data from the National Health and Nutrition Examination Survey. <i>Nutrition Research and Practice</i> , 2022, 16, 74.	0.7	13
2	Dietary tryptophan and the risk of obesity and type 2 diabetes: Total effect and mediation effect of sleep duration. <i>Obesity</i> , 2022, 30, 515-523.	1.5	5
3	Metabolomics analysis of urine from rats given long-term high-protein diet using ultra-high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1190, 123082.	1.2	3
4	The Association and Mediating Biomarkers of Serum Retinol in Influencing the Development of Type 2 Diabetes: A Prospective Cohort Study in Middle-Aged and Elderly Population. <i>Frontiers in Nutrition</i> , 2022, 9, 831950.	1.6	1
5	Qualitative and Quantitative Analysis of Six Fatty Acid Amides in 11 Edible Vegetable Oils Using Liquid Chromatography-Mass Spectrometry. <i>Frontiers in Nutrition</i> , 2022, 9, 857858.	1.6	6
6	The association of dietary flavonoids, magnesium and their interactions with the metabolic syndrome in Chinese adults: a prospective cohort study. <i>British Journal of Nutrition</i> , 2021, 126, 892-902.	1.2	16
7	Integration of metabolomics and proteomics to highlight altered neural development related pathways in the adult offspring after maternal folic acid supplement. <i>Clinical Nutrition</i> , 2021, 40, 476-487.	2.3	12
8	Dibromoacetic acid exposure is associated with abnormal melatonin rhythm in rats via inhibition of p-CREB1-AANAT signalling pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111401.	2.9	2
9	The association of 14-year dietary cholesterol trajectories with the risk of cardio-metabolic diseases, all-cause mortality and serum lipids. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 283-290.	1.3	3
10	Dietary iron and vitamins in association with mortality. <i>Clinical Nutrition</i> , 2021, 40, 2401-2409.	2.3	11
11	Impact of overall diet quality on association between alcohol consumption and risk of hypertension: evidence from two national surveys with multiple ethnics. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 112-122.	1.3	3
12	Dichloroacetic acid-induced dysfunction in rat hippocampus and the protective effect of curcumin. <i>Metabolic Brain Disease</i> , 2021, 36, 545-556.	1.4	13
13	The joint effect of energy reduction with calcium supplementation on the risk factors of type 2 diabetes in the overweight population: a two-year randomized controlled trial. <i>Aging</i> , 2021, 13, 5571-5584.	1.4	2
14	Interaction between dietary branched-chain amino acids and genetic risk score on the risk of type 2 diabetes in Chinese. <i>Genes and Nutrition</i> , 2021, 16, 4.	1.2	10
15	An isocaloric moderately high-fat diet extends lifespan in male rats and <i>Drosophila</i> . <i>Cell Metabolism</i> , 2021, 33, 581-597.e9.	7.2	24
16	Extent reflecting overall dietary amino acids composition adherence to the human requirement amino acids pattern is associated with the development of type 2 diabetes. <i>Aging</i> , 2021, 13, 10141-10157.	1.4	4
17	Association of fourteen years diet quality trajectories and type 2 diabetes mellitus with related biomarkers. <i>Aging</i> , 2021, 13, 10112-10127.	1.4	4
18	Third-hand smoke exposure is associated with abnormal serum melatonin level via hypomethylation of CYP1A2 promoter: Evidence from human and animal studies. <i>Environmental Pollution</i> , 2021, 277, 116669.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Meal Timing of Subtypes of Macronutrients Consumption With Cardiovascular Diseases: NHANES, 2003 to 2016. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2480-e2490.	1.8	9
20	TCONS_00230836 silencing restores stearic acid-induced β^2 cell dysfunction through alleviating endoplasmic reticulum stress rather than apoptosis. <i>Genes and Nutrition</i> , 2021, 16, 8.	1.2	2
21	The association of energy and macronutrient intake at dinner vs breakfast with the incidence of type 2 diabetes mellitus in a cohort study: The China Health and Nutrition Survey, 1997-2011. <i>Journal of Diabetes</i> , 2021, 13, 882-892.	0.8	7
22	Reply to "Chinese famine and metabolic syndrome: a longitudinal cohort study in Suihua China". <i>European Journal of Clinical Nutrition</i> , 2021, 75, 994-996.	1.3	0
23	Integrated multi-omics uncovers reliable potential biomarkers and adverse effects of zinc deficiency. <i>Clinical Nutrition</i> , 2021, 40, 2683-2696.	2.3	5
24	Aging-related markers in rat urine revealed by dynamic metabolic profiling using machine learning. <i>Aging</i> , 2021, 13, 14322-14341.	1.4	6
25	Fecal <i>g. Streptococcus</i> and <i>g. Eubacterium_coprostanoligenes_group</i> combined with sphingosine to modulate the serum dyslipidemia in high-fat diet mice. <i>Clinical Nutrition</i> , 2021, 40, 4234-4245.	2.3	60
26	Association between risk of type 2 diabetes and changes in energy intake at breakfast and dinner over 14 years: a latent class trajectory analysis from the China health and nutrition Survey, 1997-2011. <i>BMJ Open</i> , 2021, 11, e046183.	0.8	6
27	The Association of Fried Meat Consumption With the Gut Microbiota and Fecal Metabolites and Its Impact on Glucose Homeostasis, Intestinal Endotoxin Levels, and Systemic Inflammation: A Randomized Controlled-Feeding Trial. <i>Diabetes Care</i> , 2021, 44, 1970-1979.	4.3	42
28	Inhibition of lncRNA TCONS_00077866 Ameliorates the High Stearic Acid Diet-Induced Mouse Pancreatic β^2 -Cell Inflammatory Response by Increasing miR-297b-5p to Downregulate SAA3 Expression. <i>Diabetes</i> , 2021, 70, 2275-2288.	0.3	5
29	The association of minerals intake in three meals with cancer and all-cause mortality: the U.S. National Health and Nutrition Examination Survey, 2003-2014. <i>BMC Cancer</i> , 2021, 21, 912.	1.1	7
30	Fetal malnutrition is associated with impairment of endogenous melatonin synthesis in pineal via hypermethylation of promoters of protein kinase C alpha and cAMP response element-binding. <i>Journal of Pineal Research</i> , 2021, 71, e12764.	3.4	1
31	Twenty-Year Trajectory-Patterns of Percentage Energy From Dietary Fat vs. Carbohydrate Throughout Adult Life and Associations With Cardio-Metabolic Disease and All-Cause Mortality. <i>Frontiers in Nutrition</i> , 2021, 8, 701188.	1.6	1
32	Downregulated fat mass and obesity-associated protein inhibits bone resorption and osteoclastogenesis by nuclear factor-kappa B inactivation. <i>Cellular Signalling</i> , 2021, 87, 110137.	1.7	9
33	The associations of circulating common and uncommon polyunsaturated fatty acids and modification effects on dietary quality with all-cause and disease-specific mortality in NHANES 2003-2004 and 2011-2012. <i>Annals of Medicine</i> , 2021, 53, 1744-1757.	1.5	4
34	The future of prevention and treatment of diabetes with nutrition in China. <i>Cell Metabolism</i> , 2021, 33, 1908-1910.	7.2	9
35	Comparative analysis of circRNA expression profile and circRNA-miRNA-mRNA regulatory network between palmitic and stearic acid-induced lipotoxicity to pancreatic β^2 cells. <i>Bioengineered</i> , 2021, 12, 9031-9045.	1.4	4
36	Genetic predisposition to impaired metabolism of the branched chain amino acids, dietary intakes, and risk of type 2 diabetes. <i>Genes and Nutrition</i> , 2021, 16, 20.	1.2	6

#	ARTICLE	IF	CITATIONS
37	Association of Prenatal Famine Exposure With Inflammatory Markers and Its Impact on Adulthood Liver Function Across Consecutive Generations. <i>Frontiers in Nutrition</i> , 2021, 8, 758633.	1.6	3
38	Dietary Tryptophan and the Risk of Metabolic Syndrome: Total Effect and Mediation Effect of Sleep Duration. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 2141-2151.	1.4	5
39	Association of Dietary Calcium Intake With Bone Health and Chronic Diseases: Two Prospective Cohort Studies in China. <i>Frontiers in Nutrition</i> , 2021, 8, 683918.	1.6	4
40	GC-MS analysis of organic acids in rat urine: A protocol of direct ultrasound-assisted derivatization. <i>Biomedical Chromatography</i> , 2020, 34, e4765.	0.8	3
41	Association of sleep trajectory in adulthood with risk of hypertension and its related risk factors: the China Health and Nutrition Survey. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 515-521.	1.4	5
42	Higher dietary soy intake appears inversely related to breast cancer risk independent of estrogen receptor breast cancer phenotypes. <i>Heliyon</i> , 2020, 6, e04228.	1.4	8
43	miR-34a regulates lipid metabolism by targeting SIRT1 in non-alcoholic fatty liver disease with iron overload. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108642.	1.4	30
44	Fetal exposure to dichloroacetic acid and impaired cognitive function in the adulthood. <i>Brain and Behavior</i> , 2020, 10, e01801.	1.0	4
45	Serum biomarkers of the calcium-deficient rats identified by metabolomics based on UPLC/Q-TOF MS/MS. <i>Nutrition and Metabolism</i> , 2020, 17, 99.	1.3	6
46	The Association of Energy and Macronutrient Intake at Dinner Versus Breakfast With Disease-Specific and All-Cause Mortality Among People With Diabetes: The U.S. National Health and Nutrition Examination Survey, 2003-2014. <i>Diabetes Care</i> , 2020, 43, 1442-1448.	4.3	27
47	The Correlation between Dietary Selenium Intake and Type 2 Diabetes: A Cross-Sectional Population-Based Study on North Chinese Adults. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	23
48	Prenatal exposure to the Chinese famine and the risk of metabolic syndrome in adulthood across consecutive generations. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1229-1236.	1.3	10
49	Overexpression of miR-297b-5p protects against stearic acid-induced pancreatic β -cell apoptosis by targeting LATS2. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E430-E439.	1.8	14
50	miRNA-mRNA profile and regulatory network in stearic acid-treated β -cell dysfunction. <i>Journal of Endocrinology</i> , 2020, 246, 13-27.	1.2	23
51	Prenatal famine exposure and estimated glomerular filtration rate across consecutive generations: association and epigenetic mediation in a population-based cohort study in Suihua China. <i>Aging</i> , 2020, 12, 12206-12221.	1.4	13
52	Short-term high-fat diet exacerbates insulin resistance and glycolipid metabolism disorders in young obese men with hyperlipidemia, as determined by metabolomics analysis using ultra-HPLC-quadrupole time-of-flight mass spectrometry. <i>Journal of Diabetes</i> , 2019, 11, 148-160.	0.8	14
53	High-throughput sequencing of small RNAs and analysis of differentially expressed microRNAs associated with high-fat diet-induced hepatic insulin resistance in mice. <i>Genes and Nutrition</i> , 2019, 14, 6.	1.2	16
54	Eighteen-year alcohol consumption trajectories and their association with risk of type 2 diabetes and its related factors: the China Health and Nutrition Survey. <i>Diabetologia</i> , 2019, 62, 970-980.	2.9	20

#	ARTICLE	IF	CITATIONS
55	MicroRNA-29a-3p Reduces TNF α -Induced Endothelial Dysfunction by Targeting Tumor Necrosis Factor Receptor 1. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 903-915.	2.3	23
56	Higher intakes of energy-adjusted dietary amino acids are inversely associated with obesity risk. <i>Amino Acids</i> , 2019, 51, 373-382.	1.2	8
57	Metabonomics analysis of kidneys in rats administered with chronic low-dose cadmium by ultra-performance liquid chromatography-mass spectrometry. <i>Journal of Applied Toxicology</i> , 2019, 39, 441-450.	1.4	12
58	Postprandial Saturated Fatty Acids Increase the Risk of Type 2 Diabetes: A Cohort Study in a Chinese Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1438-1446.	1.8	10
59	Elevated Serum Xanthine Oxidase Activity Is Associated With the Development of Type 2 Diabetes: A Prospective Cohort Study. <i>Diabetes Care</i> , 2018, 41, 884-890.	4.3	43
60	Nutrition assessment of vitamin A and vitamin D in northeast Chinese population based-on SPE/UPLC/PDA. <i>BMC Nutrition</i> , 2018, 4, 12.	0.6	3
61	Temporal relationship between hyperuricemia and obesity, and its association with future risk of type 2 diabetes. <i>International Journal of Obesity</i> , 2018, 42, 1336-1344.	1.6	56
62	Metabolomic analysis of the toxic effect of chronic exposure of cadmium on rat urine. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3765-3774.	2.7	27
63	Dietary Intakes of Branched-Chain Amino Acid and Risk for Type 2 Diabetes in Adults: The Harbin Cohort Study on Diet, Nutrition and Chronic Non-Communicable Diseases Study. <i>Canadian Journal of Diabetes</i> , 2018, 42, 484-492.e7.	0.4	15
64	Metabonomics analysis of serum from rats given long-term and low-level cadmium by ultra-performance liquid chromatography-mass spectrometry. <i>Xenobiotica</i> , 2018, 48, 1079-1088.	0.5	19
65	Identification of Potential Biomarkers and Metabolic Profiling of Serum in Ovarian Cancer Patients Using UPLC/Q-TOF MS. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1134-1148.	1.1	28
66	Fasting serum γ -hydroxybutyrate and pyroglutamic acid as important metabolites for detecting isolated post-challenge diabetes based on organic acid profiles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1100-1101, 6-16.	1.2	26
67	Targeted metabolomics analysis reveals the association between maternal folic acid supplementation and fatty acids and amino acids profiles in rat pups. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1090, 101-109.	1.2	8
68	Joint effect of less than 1h of daytime napping and seven to 8h of night sleep on the risk of stroke. <i>Sleep Medicine</i> , 2018, 52, 180-187.	0.8	26
69	Dietary manganese and type 2 diabetes mellitus: two prospective cohort studies in China. <i>Diabetologia</i> , 2018, 61, 1985-1995.	2.9	38
70	Low-Carbohydrate, High-Protein, High-Fat Diets Rich in Livestock, Poultry and Their Products Predict Impending Risk of Type 2 Diabetes in Chinese Individuals that Exceed Their Calculated Caloric Requirement. <i>Nutrients</i> , 2018, 10, 77.	1.7	18
71	Evaluation of two-step liquid-liquid extraction protocol for untargeted metabolic profiling of serum samples to achieve broader metabolome coverage by UPLC-Q-TOF-MS. <i>Analytica Chimica Acta</i> , 2018, 1035, 96-107.	2.6	28
72	Metabonomic analysis of quercetin against the toxicity of acrylamide in rat urine. <i>Food and Function</i> , 2017, 8, 1204-1214.	2.1	18

#	ARTICLE	IF	CITATIONS
73	Sirtuin 3 acts as a negative regulator of autophagy dictating hepatocyte susceptibility to lipotoxicity. <i>Hepatology</i> , 2017, 66, 936-952.	3.6	102
74	Effects of Histidine Supplementation on Global Serum and Urine ¹ H NMR-based Metabolomics and Serum Amino Acid Profiles in Obese Women from a Randomized Controlled Study. <i>Journal of Proteome Research</i> , 2017, 16, 2221-2230.	1.8	33
75	Increasing extracellular Ca ²⁺ sensitizes TNF-alpha-induced vascular cell adhesion molecule-1 (VCAM-1) via a TRPC1/ERK1/2/NF κ B-dependent pathway in human vascular endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1566-1577.	1.9	12
76	Prenatal exposure to famine and the development of hyperglycemia and type 2 diabetes in adulthood across consecutive generations: a population-based cohort study of families in Suihua, China. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 221-227.	2.2	100
77	Temporal Relationship Between Hyperuricemia and Insulin Resistance and Its Impact on Future Risk of Hypertension. <i>Hypertension</i> , 2017, 70, 703-711.	1.3	84
78	MicroRNA-1185 Induces Endothelial Cell Apoptosis by Targeting UVRAG and KRIT1. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2171-2182.	1.1	14
79	Abnormal circulating amino acid profiles in multiple metabolic disorders. <i>Diabetes Research and Clinical Practice</i> , 2017, 132, 45-58.	1.1	70
80	Potential Mediating Biomarkers underlying the Association of Body Mass Index or Waist Circumference with Blood Pressure: Results from Three Population-based Studies. <i>Scientific Reports</i> , 2017, 7, 5364.	1.6	5
81	Metabolomics analysis of urine from rats administered with long-term, low-dose acrylamide by ultra-performance liquid chromatography-mass spectrometry. <i>Xenobiotica</i> , 2017, 47, 439-449.	0.5	14
82	Maternal Prenatal Folic Acid Supplementation Programs Offspring Lipid Metabolism by Aberrant DNA Methylation in Hepatic ATGL and Adipose LPL in Rats. <i>Nutrients</i> , 2017, 9, 935.	1.7	19
83	Insulin Protects Hepatic Lipotoxicity by Regulating ER Stress through the PI3K/Akt/p53 Involved Pathway Independently of Autophagy Inhibition. <i>Nutrients</i> , 2016, 8, 227.	1.7	12
84	Potential serum biomarkers from a metabolomics study of autism. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 27-37.	1.4	102
85	Increase of circulating cholesterol in vitamin D deficiency is linked to reduced vitamin D receptor activity via the Insig α 2/SREBP α 2 pathway. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 798-809.	1.5	53
86	Dietary Protein Intake and Type 2 Diabetes Among Women and Men in Northeast China. <i>Scientific Reports</i> , 2016, 6, 37604.	1.6	13
87	Changes in triglycerides and high-density lipoprotein cholesterol may precede peripheral insulin resistance, with 2-h insulin partially mediating this unidirectional relationship: a prospective cohort study. <i>Cardiovascular Diabetology</i> , 2016, 15, 154.	2.7	45
88	Saturated fatty acids as possible important metabolites for epithelial ovarian cancer based on the free and esterified fatty acid profiles determined by GC-MS analysis. <i>Cancer Biomarkers</i> , 2016, 17, 259-269.	0.8	18
89	The impact of body weight gain on nonalcoholic fatty liver disease and metabolic syndrome during earlier and later adulthood. <i>Diabetes Research and Clinical Practice</i> , 2016, 116, 183-191.	1.1	20
90	Serum Metabolomics Analysis of Quercetin against Acrylamide-Induced Toxicity in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9237-9245.	2.4	36

#	ARTICLE	IF	CITATIONS
91	Serum metabolomics of NAFLD plus T2DM based on liquid chromatography-mass spectrometry. <i>Clinical Biochemistry</i> , 2016, 49, 962-966.	0.8	22
92	Effects of tea or tea extract on metabolic profiles in patients with type 2 diabetes mellitus: a meta-analysis of ten randomized controlled trials. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 2-10.	1.7	64
93	Elevated circulating stearic acid leads to a major lipotoxic effect on mouse pancreatic beta cells in hyperlipidaemia via a miR-34a-5p-mediated PERK/p53-dependent pathway. <i>Diabetologia</i> , 2016, 59, 1247-1257.	2.9	64
94	Vinegar decreases blood pressure by down-regulating AT1R expression via the AMPK/PGC-1 α /PPAR γ pathway in spontaneously hypertensive rats. <i>European Journal of Nutrition</i> , 2016, 55, 1245-1253.	1.8	24
95	Effect of quercetin against mixture of four organophosphate pesticides induced nephrotoxicity in rats. <i>Xenobiotica</i> , 2016, 46, 225-233.	0.5	28
96	Dietary Vitamin C Intake Reduces the Risk of Type 2 Diabetes in Chinese Adults: HOMA-IR and T-AOC as Potential Mediators. <i>PLoS ONE</i> , 2016, 11, e0163571.	1.1	33
97	Dietary Information Improves Model Performance and Predictive Ability of a Noninvasive Type 2 Diabetes Risk Model. <i>PLoS ONE</i> , 2016, 11, e0166206.	1.1	3
98	Multigenerational effects of parental prenatal exposure to famine on adult offspring cognitive function. <i>Scientific Reports</i> , 2015, 5, 13792.	1.6	36
99	High carbohydrate intake from starchy foods is positively associated with metabolic disorders: a Cohort Study from a Chinese population. <i>Scientific Reports</i> , 2015, 5, 16919.	1.6	62
100	Mangiferin supplementation improves serum lipid profiles in overweight patients with hyperlipidemia: a double-blind randomized controlled trial. <i>Scientific Reports</i> , 2015, 5, 10344.	1.6	53
101	Ursolic acid increases energy expenditure through enhancing free fatty acid uptake and β -oxidation via an UCP3/AMPK-dependent pathway in skeletal muscle. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1491-1503.	1.5	45
102	Postprandial Differences in the Amino Acid and Biogenic Amines Profiles of Impaired Fasting Glucose Individuals after Intake of Highland Barley. <i>Nutrients</i> , 2015, 7, 5556-5571.	1.7	19
103	The Harbin Cohort Study on Diet, Nutrition and Chronic Non-Communicable Diseases: Study Design and Baseline Characteristics. <i>PLoS ONE</i> , 2015, 10, e0122598.	1.1	28
104	Arctigenin reduces blood pressure by modulation of nitric oxide synthase and NADPH oxidase expression in spontaneously hypertensive rats. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 837-842.	1.0	28
105	Targeted metabolomic analysis reveals the association between the postprandial change in palmitic acid, branched-chain amino acids and insulin resistance in young obese subjects. <i>Diabetes Research and Clinical Practice</i> , 2015, 108, 84-93.	1.1	46
106	U-shaped relationships between sleep duration and metabolic syndrome and metabolic syndrome components in males: a prospective cohort study. <i>Sleep Medicine</i> , 2015, 16, 949-954.	0.8	37
107	Lower serum 25 (OH) D concentrations in type 1 diabetes: A meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2015, 108, e71-e75.	1.1	65
108	A Snack Dietary Pattern Increases the Risk of Hypercholesterolemia in Northern Chinese Adults: A Prospective Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0134294.	1.1	23

#	ARTICLE	IF	CITATIONS
109	Therapeutic Role of Ursolic Acid on Ameliorating Hepatic Steatosis and Improving Metabolic Disorders in High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease Rats. PLoS ONE, 2014, 9, e86724.	1.1	112
110	Benefits and Risks of the Hormetic Effects of Dietary Isothiocyanates on Cancer Prevention. PLoS ONE, 2014, 9, e114764.	1.1	53
111	Maternal High Folic Acid Supplement Promotes Glucose Intolerance and Insulin Resistance in Male Mouse Offspring Fed a High-Fat Diet. International Journal of Molecular Sciences, 2014, 15, 6298-6313.	1.8	78
112	Histidine supplementation alleviates inflammation in the adipose tissue of high-fat diet-induced obese rats via the NF- κ B- and PPAR γ -involved pathways. British Journal of Nutrition, 2014, 112, 477-485.	1.2	48
113	Weight Loss, Inflammatory Markers, and Improvements of Iron Status in Overweight and Obese Children. Journal of Pediatrics, 2014, 164, 795-800.e2.	0.9	40
114	Effect of quercetin against dichlorvos induced nephrotoxicity in rats. Experimental and Toxicologic Pathology, 2014, 66, 211-218.	2.1	36
115	Metabonomic analysis of quercetin against the toxicity of chronic exposure to low-level dichlorvos in rats via ultra-performance liquid chromatography-mass spectrometry. Toxicology Letters, 2014, 225, 230-239.	0.4	18
116	Higher vaspin levels in subjects with obesity and type 2 diabetes mellitus: A meta-analysis. Diabetes Research and Clinical Practice, 2014, 106, 88-94.	1.1	82
117	Biomarker identification and pathway analysis by serum metabolomics of childhood acute lymphoblastic leukemia. Clinica Chimica Acta, 2014, 436, 207-216.	0.5	38
118	Ursolic Acid Increases Glucose Uptake through the PI3K Signaling Pathway in Adipocytes. PLoS ONE, 2014, 9, e110711.	1.1	31
119	Pharmacokinetic study of mangiferin in human plasma after oral administration. Food Chemistry, 2012, 132, 289-294.	4.2	67
120	Liuwei Dihuang Aqueous Extract Reduces Weight Gain in Obese-Prone Rats through Multiple Mechanisms. FASEB Journal, 2012, 26, 824.1.	0.2	0
121	Direct ultrasound-assisted methylation of fatty acids in serum for free fatty acid determinations. Canadian Journal of Chemistry, 2010, 88, 898-905.	0.6	11
122	Berberine Improves Plasma Glucose Control and Lipid Profiles in Streptozotocin-Induced Diabetic Rats. FASEB Journal, 2008, 22, 704-704.	0.2	0