Asghar Ghasemi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/893520/publications.pdf

Version: 2024-02-01

179 papers	6,035 citations	172457 29 h-index	88630 70 g-index
181 all docs	181 docs citations	181 times ranked	8318 citing authors

#	Article	IF	Citations
1	Normality Tests for Statistical Analysis: A Guide for Non-Statisticians. International Journal of Endocrinology and Metabolism, 2012, 10, 486-489.	1.0	2,246
2	A practical guide for induction of type-2 diabetes in rat: Incorporating a high-fat diet and streptozotocin. Biomedicine and Pharmacotherapy, 2017, 95, 605-613.	5.6	210
3	Streptozotocin-nicotinamide-induced rat model of type 2 diabetes (review). Acta Physiologica Hungarica, 2014, 101, 408-420.	0.9	170
4	Nitrate and nitrite content of vegetables, fruits, grains, legumes, dairy products, meats and processed meats. Journal of Food Composition and Analysis, 2016, 51, 93-105.	3.9	138
5	High prevalence of undiagnosed diabetes and abnormal glucose tolerance in the Iranian urban population: Tehran Lipid and Glucose Study. BMC Public Health, 2008, 8, 176.	2.9	134
6	Cut-off points of homeostasis model assessment of insulin resistance, beta-cell function, and fasting serum insulin to identify future type 2 diabetes: Tehran Lipid and Glucose Study. Acta Diabetologica, 2015, 52, 905-915.	2.5	97
7	A new and rapid method for epistaxis treatment using injectable form of tranexamic acid topically: a randomized controlled trial. American Journal of Emergency Medicine, 2013, 31, 1389-1392.	1.6	87
8	The Nitrate-Independent Blood Pressureâ€"Lowering Effect of Beetroot Juice: A Systematic Review and Meta-Analysis. Advances in Nutrition, 2017, 8, 830-838.	6.4	85
9	Serum nitric oxide metabolites in subjects with metabolic syndrome. Clinical Biochemistry, 2008, 41, 1342-1347.	1.9	78
10	Ovariectomized rat model of osteoporosis: a practical guide. EXCLI Journal, 2020, 19, 89-107.	0.7	77
11	Role of Nitric Oxide in Insulin Secretion and Glucose Metabolism. Trends in Endocrinology and Metabolism, 2020, 31, 118-130.	7.1	76
12	Regulation of vascular tone homeostasis by NO and H2S: Implications in hypertension. Biochemical Pharmacology, 2018, 149, 42-59.	4.4	75
13	Age- and sex-specific reference values for fasting serum insulin levels and insulin resistance/sensitivity indices in healthy Iranian adults: Tehran Lipid and Glucose Study. Clinical Biochemistry, 2014, 47, 432-438.	1.9	70
14	Dietary nitrate improves glucose tolerance and lipid profile in an animal model of hyperglycemia. Nitric Oxide - Biology and Chemistry, 2015, 44, 24-30.	2.7	69
15	Serum nitric oxide metabolite levels in a general healthy population: Relation to sex and age. Life Sciences, 2008, 83, 326-331.	4.3	68
16	Hypoxia in Obesity and Diabetes: Potential Therapeutic Effects of Hyperoxia and Nitrate. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	67
17	Effects of long-term nitrate supplementation on carbohydrate metabolism, lipid profiles, oxidative stress, and inflammation in male obese type 2 diabetic rats. Nitric Oxide - Biology and Chemistry, 2018, 75, 27-41.	2.7	66
18	Is dietary nitrate/nitrite exposure a risk factor for development of thyroid abnormality? A systematic review and meta-analysis. Nitric Oxide - Biology and Chemistry, 2015, 47, 65-76.	2.7	64

#	Article	IF	Citations
19	Beneficial effects of inorganic nitrate/nitrite in type 2 diabetes and its complications. Nutrition and Metabolism, 2015, 12, 16.	3.0	63
20	Nitrite increases glucose-stimulated insulin secretion and islet insulin content in obese type 2 diabetic male rats. Nitric Oxide - Biology and Chemistry, 2017, 64, 39-51.	2.7	61
21	Anti-obesity and anti-diabetic effects of nitrate and nitrite. Nitric Oxide - Biology and Chemistry, 2017, 70, 9-24.	2.7	61
22	Reference values for serum nitric oxide metabolites in an adult population. Clinical Biochemistry, 2010, 43, 89-94.	1.9	46
23	Uric acidâ€induced pancreatic Î²-cell dysfunction. BMC Endocrine Disorders, 2021, 21, 24.	2.2	40
24	Guideline for the Care and Use of Laboratory Animals in Iran. Lab Animal, 2021, 50, 303-305.	0.4	39
25	Reference Values for Serum Zinc Concentration and Prevalence of Zinc Deficiency in Adult Iranian Subjects. Biological Trace Element Research, 2012, 149, 307-314.	3.5	36
26	Gender differences in the relationship between serum zinc concentration and metabolic syndrome. Annals of Human Biology, 2014, 41, 436-442.	1.0	35
27	Preanalytical and analytical considerations for measuring nitric oxide metabolites in serum or plasma using the Griess method. Clinical Laboratory, 2012, 58, 615-24.	0.5	34
28	Nitrate-nitrite-nitrosamines exposure and the risk of type 1 diabetes: A review of current data. World Journal of Diabetes, 2016, 7, 433.	3.5	33
29	Nitric oxide and clustering of metabolic syndrome components in pediatrics. European Journal of Epidemiology, 2010, 25, 45-53.	5.7	31
30	The laboratory rat: Age and body weight matter. EXCLI Journal, 2021, 20, 1431-1445.	0.7	29
31	The Effect of Maternal Hypothyroidism on the Carbohydrate Metabolism and Insulin Secretion of Isolated Islets in Adult Male Offspring of Rats. Hormone and Metabolic Research, 2010, 42, 792-797.	1.5	27
32	Impact of metabolic syndrome, diabetes and prediabetes on cardiovascular events: Tehran Lipid and Glucose Study. Diabetes Research and Clinical Practice, 2010, 87, 342-347.	2.8	27
33	Association between Dietary Intakes of Nitrate and Nitrite and the Risk of Hypertension and Chronic Kidney Disease: Tehran Lipid and Glucose Study. Nutrients, 2016, 8, 811.	4.1	27
34	The influence of cigarette and qalyan (hookah) smoking on serum nitric oxide metabolite concentration. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 116-121.	1.2	26
35	Comparison of the effect of maternal hypothyroidism on carbohydrate metabolism in young and aged male offspring in rats. Scandinavian Journal of Clinical and Laboratory Investigation, 2013, 73, 87-94.	1.2	26
36	Prenatal Testosterone Exposure Worsen the Reproductive Performance of Male Rat at Adulthood. PLoS ONE, 2013, 8, e71705.	2.5	25

#	Article	IF	Citations
37	Nitric oxide: To be or not to be an endocrine hormone?. Acta Physiologica, 2020, 229, e13443.	3.8	25
38	Effect of nitrate and l-arginine therapy on nitric oxide levels in serum, heart, and aorta of fetal hypothyroid rats. Journal of Physiology and Biochemistry, 2013, 69, 751-759.	3.0	24
39	Potential Therapeutic Effects of Nitrate/Nitrite and Type 2 Diabetes Mellitus. International Journal of Endocrinology and Metabolism, 2013, 11, 63-4.	1.0	24
40	The possible mechanisms by which maternal hypothyroidism impairs insulin secretion in adult male offspring in rats. Experimental Physiology, 2014, 99, 701-714.	2.0	24
41	Is nitric oxide a hormone?. Iranian Biomedical Journal, 2011, 15, 59-65.	0.7	24
42	The effect of maternal hypothyroidism on cardiac function and tolerance to ischemiaâ€“reperfusion injury in offspring male and female rats. Journal of Endocrinological Investigation, 2015, 38, 915-922.	3.3	23
43	Endogenous flux of nitric oxide: Citrulline is preferred to Arginine. Acta Physiologica, 2021, 231, e13572.	3.8	23
44	Effects of short-term and subchronic lead poisoning on nitric oxide methabolites and vascular responsiveness in rat. Toxicology Letters, 2006, 166, 88-94.	0.8	22
45	Ischemic postconditioning provides cardioprotective and antiapoptotic effects against ischemiaâ€“reperfusion injury through iNOS inhibition in hyperthyroid rats. Gene, 2015, 570, 185-190.	2.2	22
46	The Association of Dietary l-Arginine Intake and Serum Nitric Oxide Metabolites in Adults: A Population-Based Study. Nutrients, 2016, 8, 311.	4.1	22
47	Intrauterine programming. Iranian Journal of Basic Medical Sciences, 2015, 18, 212-20.	1.0	22
48	Transient Congenital Hypothyroidism Alters Gene Expression of Glucose Transporters and Impairs Glucose Sensing Apparatus in Young and Aged Offspring Rats. Cellular Physiology and Biochemistry, 2017, 43, 2338-2352.	1.6	21
49	The Principles of Biomedical Scientific Writing: Title. International Journal of Endocrinology and Metabolism, 2019, 17, e98326.	1.0	21
50	Contribution of dietary amino acids composition to incidence of cardiovascular outcomes: A prospective population-based study. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 633-641.	2.6	20
51	Effect of long-term nitrite administration on browning of white adipose tissue in type 2 diabetic rats: A stereological study. Life Sciences, 2018, 207, 219-226.	4.3	20
52	Prevalence of metabolic syndrome by the Adult Treatment Panel III, International Diabetes Federation, and World Health Organization definitions and their association with coronary heart disease in an elderly Iranian population. Annals of the Academy of Medicine, Singapore, 2009, 38, 142-9.	0.4	20
53	The metabolic syndrome and incident diabetes: Assessment of alternative definitions of the metabolic syndrome in an Iranian urban population. Diabetes Research and Clinical Practice, 2008, 80, 328-334.	2.8	19
54	Maternal hypothyroidism: An overview of current experimental models. Life Sciences, 2017, 187, 1-8.	4.3	19

#	Article	IF	Citations
55	Dose-Dependent Effects of Long-Term Administration of Hydrogen Sulfide on Myocardial Ischemiaâ€“Reperfusion Injury in Male Wistar Rats: Modulation of RKIP, NF-Î°B, and Oxidative Stress. International Journal of Molecular Sciences, 2020, 21, 1415.	4.1	19
56	Elevated nitric oxide metabolites are associated with obesity in women. Archives of Iranian Medicine, 2013, 16, 521-5.	0.6	19
57	Preconditioning With Oxygen Attenuates Rat Renal Ischemiaâ€“Reperfusion Injury. Journal of Surgical Research, 2008, 146, 282-288.	1.6	18
58	Low Serum Magnesium Levels in Elderly Subjects with Metabolic Syndrome. Biological Trace Element Research, 2010, 136, 18-25.	3.5	18
59	Involvement of inducible nitric oxide synthase in the loss of cardioprotection by ischemic postconditioning in hypothyroid rats. Gene, 2016, 580, 169-176.	2.2	18
60	Vitamin C intake modify the impact of dietary nitrite on the incidence of type 2 diabetes: A 6-year follow-up in Tehran Lipid and Glucose Study. Nitric Oxide - Biology and Chemistry, 2017, 62, 24-31.	2.7	18
61	Hyperuricemia-induced endothelial insulin resistance: the nitric oxide connection. Pflugers Archiv European Journal of Physiology, 2022, 474, 83-98.	2.8	18
62	Importance of Systematic Reviews and Meta-analyses of Animal Studies: Challenges for Animal-to-Human Translation. Journal of the American Association for Laboratory Animal Science, 2020, 59, 469-477.	1.2	18
63	Data Extraction from Graphs Using Adobe Photoshop: Applications for Meta-Analyses. International Journal of Endocrinology and Metabolism, 2019, 17, e95216.	1.0	18
64	Prevalence of hypo- and hypermagnesemia in an Iranian urban population. Annals of Human Biology, 2011, 38, 150-155.	1.0	17
65	The Effects of Ischemic Postconditioning on Myocardial Function and Nitric Oxide Metabolites Following Ischemia-Reperfusion in Hyperthyroid Rats. Korean Journal of Physiology and Pharmacology, 2014, 18, 481.	1.2	17
66	Assay-dependent variability of serum insulin concentrations: a comparison of eight assays. Scandinavian Journal of Clinical and Laboratory Investigation, 2017, 77, 122-129.	1.2	17
67	Effects of Hydrogen Sulfide on Carbohydrate Metabolism in Obese Type 2 Diabetic Rats. Molecules, 2019, 24, 190.	3.8	16
68	Effects of Ischemic Postconditioning on the Hemodynamic Parameters and Heart Nitric Oxide Levels of Hypothyroid Rats. Arquivos Brasileiros De Cardiologia, 2014, 104, 136-43.	0.8	16
69	Synaptosomal GABA uptake decreases in paraoxon-treated rat brain. Toxicology, 2008, 244, 42-48.	4.2	15
70	Increased serum nitric oxide metabolites in dysglycaemia. Annals of Human Biology, 2011, 38, 577-582.	1.0	15
71	High serum nitric oxide metabolites and incident metabolic syndrome. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 523-530.	1.2	15
72	Effect of fetal hypothyroidism on tolerance to ischemiaâ€“reperfusion injury in aged male rats: Role of nitric oxide. Nitric Oxide - Biology and Chemistry, 2016, 55-56, 82-90.	2.7	15

#	Article	IF	Citations
73	Elevated expression of steroidogenesis pathway genes; CYP17, GATA6 and StAR in prenatally androgenized rats. Gene, 2016, 593, 167-171.	2.2	15
74	Added value of total serum nitrate/nitrite for prediction of cardiovascular disease in middle east caucasian residents in Tehran. Nitric Oxide - Biology and Chemistry, 2016, 54, 60-66.	2.7	15
75	The Principles of Biomedical Scientific Writing: Discussion. International Journal of Endocrinology and Metabolism, 2019, 17, e95415.	1.0	15
76	Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats. Nitric Oxide - Biology and Chemistry, 2019, 92, 60-72.	2.7	15
77	Monosodium Glutamate (MSG)-Induced Animal Model of Type 2 Diabetes. Methods in Molecular Biology, 2019, 1916, 49-65.	0.9	15
78	Urinary sodium-to-potassium ratio: a simple and useful indicator of diet quality in population-based studies. European Journal of Medical Research, 2021, 26, 3.	2.2	15
79	Association between serum concentrations of nitric oxide and transition to menopause. Acta Obstetricia Et Gynecologica Scandinavica, 2015, 94, 708-714.	2.8	14
80	The Principles of Biomedical Scientific Writing: Citation. International Journal of Endocrinology and Metabolism, 2020, 18, e102622.	1.0	14
81	The Possible Mechanisms of the Impaired Insulin Secretion in Hypothyroid Rats. PLoS ONE, 2015, 10, e0131198.	2.5	13
82	Role of inducible nitric oxide synthase in myocardial ischemia-reperfusion injury in sleep-deprived rats. Sleep and Breathing, 2018, 22, 353-359.	1.7	13
83	Effect of long-term sodium nitrate administration on diabetes-induced anemia and glucose homeostasis in obese type 2 diabetic male rats. Nitric Oxide - Biology and Chemistry, 2019, 86, 21-30.	2.7	13
84	Lost-in-Translation of Metabolic Effects of Inorganic Nitrate in Type 2 Diabetes: Is Ascorbic Acid the Answer?. International Journal of Molecular Sciences, 2021, 22, 4735.	4.1	13
85	Role of nitric oxide in type 1 diabetes-induced osteoporosis. Biochemical Pharmacology, 2022, 197, 114888.	4.4	13
86	Effects of fetal hypothyroidism on uterine smooth muscle contraction and structure of offspring rats. Experimental Physiology, 2018, 103, 683-692.	2.0	12
87	Nitrate-rich dietary supplementation during pregnancy: The pros and cons. Pregnancy Hypertension, 2018, 11, 44-46.	1.4	12
88	Acidified nitrite improves wound healing in type 2 diabetic rats: Role of oxidative stress and inflammation. Nitric Oxide - Biology and Chemistry, 2020, 103, 20-28.	2.7	12
89	Effect of inorganic nitrate on metabolic parameters in patients with type 2 diabetes: A 24-week randomized double-blind placebo-controlled clinical trial. Nitric Oxide - Biology and Chemistry, 2021, 107, 58-65.	2.7	12
90	Insulin secretion: The nitric oxide controversy. EXCLI Journal, 2020, 19, 1227-1245.	0.7	12

#	Article	IF	Citations
91	The Principles of Biomedical Scientific Writing: Abstract and Keywords. International Journal of Endocrinology and Metabolism, 2020, 18, e100159.	1.0	12
92	Inhibition of inducible nitric oxide synthase reduces lipopolysaccharide-induced renal injury in the rat. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 842-846.	1.9	11
93	Pretreatment with Oxygen Protects Rat Kidney from Cisplatin Nephrotoxicity. Renal Failure, 2010, 32, 234-242.	2.1	11
94	Serum nitric oxide metabolites are associated with the risk of hypertriglyceridemic-waist phenotype in women: Tehran Lipid and Glucose Study. Nitric Oxide - Biology and Chemistry, 2015, 50, 52-57.	2.7	11
95	High-sulforaphane broccoli sprout powder reduces serum nitric oxide metabolites in Helicobacter pylori infected patients. Journal of Functional Foods, 2017, 34, 356-358.	3.4	11
96	New modified Friedewald formulae for estimating low-density lipoprotein cholesterol according to triglyceride levels: extraction and validation. Endocrine, 2018, 62, 404-411.	2.3	11
97	Effects of long-term oral nitrate administration on adiposity in normal adult female rats. Life Sciences, 2018, 210, 76-85.	4.3	11
98	Dietary inorganic nitrate attenuates hyperoxia-induced oxidative stress in obese type 2 diabetic male rats. Life Sciences, 2019, 230, 188-196.	4.3	11
99	The Effects of Vitamin D on Insulin Release From Isolated Islets of Rats. International Journal of Endocrinology and Metabolism, 2014, 13, e20620.	1.0	11
100	Pediatric reference values for serum magnesium levels in Iranian subjects. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 415-420.	1.2	10
101	Menopause status as the main factor explaining the gender differences of serum nitric oxide concentrations in middle-aged population. Archives of Gynecology and Obstetrics, 2015, 291, 159-163.	1.7	10
102	The Principles of Biomedical Scientific Writing: Introduction. International Journal of Endocrinology and Metabolism, 2018, In Press, e84795.	1.0	10
103	Long-term nitrate administration increases expression of browning genes in epididymal adipose tissue of male type 2 diabetic rats. Gene, 2021, 766, 145155.	2.2	10
104	Effect of oral nitrite administration on gene expression of SNARE proteins involved in insulin secretion from pancreatic islets of male type 2 diabetic rats. Biomedical Journal, 2022, 45, 387-395.	3.1	10
105	Dietary L-Arginine Intakes and the Risk of Metabolic Syndrome : A 6-Year Follow-Up in Tehran Lipid and Glucose Study. Preventive Nutrition and Food Science, 2017, 22, 263-270.	1.6	10
106	NOL4 is Downregulated and Hyper-Methylated in Papillary Thyroid Carcinoma Suggesting Its Role as a Tumor Suppressor Gene. International Journal of Endocrinology and Metabolism, 2020, 18, e108510.	1.0	10
107	The Principles of Biomedical Scientific Writing: Results. International Journal of Endocrinology and Metabolism, 2019, In Press, e92113.	1.0	10
108	Comparison of the effects of fetal hypothyroidism on glucose tolerance in male and female rat offspring. Journal of Physiological Sciences, 2015, 65, 179-185.	2.1	9

#	Article	IF	Citations
109	Serum nitric oxide is associated with the risk of chronic kidney disease in women: Tehran lipid and glucose study. Scandinavian Journal of Clinical and Laboratory Investigation, 2016, 76, 304-308.	1.2	9
110	Circulating markers of nitric oxide homeostasis and cardiometabolic diseases: insights from population-based studies. Free Radical Research, 2019, 53, 359-376.	3.3	9
111	Nitric oxide modulates cognitive, nociceptive and motor functions in a rat model of empathy. International Journal of Neuroscience, 2020, 130, 865-874.	1.6	9
112	Association between serum hydrogen sulfide concentrations and dysglycemia: a population-based study. BMC Endocrine Disorders, 2022, 22, 79.	2.2	9
113	Paraoxon inhibits GABA uptake in brain synaptosomes. Toxicology in Vitro, 2007, 21, 1499-1504.	2.4	8
114	Alterations in osmotic fragility of the red blood cells in hypo- and hyperthyroid patients. Journal of Endocrinological Investigation, 2009, 32, 28-32.	3.3	8
115	Pediatric reference values for serum zinc concentration in Iranian subjects and an assessment of their dietary zinc intakes. Clinical Biochemistry, 2012, 45, 1254-1256.	1.9	8
116	The modifying effects of fish oil on fasting ghrelin mRNA expression in weaned rats. Gene, 2012, 507, 44-49.	2.2	8
117	Hemodynamic properties and arterial structure in male rat offspring with fetal hypothyroidism. General Physiology and Biophysics, 2016, 35, 397-405.	0.9	8
118	Association between serum nitric oxide metabolites and thyroid hormones in a general population: Tehran Thyroid Study. Endocrine Research, 2016, 41, 193-199.	1.2	8
119	Altered gene expression of hydrogen sulfideâ€producing enzymes in the liver and muscles tissues of hyperthyroid rats. Journal of Cellular Physiology, 2019, 234, 17937-17945.	4.1	8
120	Protective effect of intermediate doses of hydrogen sulfide against myocardial ischemia-reperfusion injury in obese type 2 diabetic rats. Life Sciences, 2020, 256, 117855.	4.3	8
121	Inorganic nitrate: A potential prebiotic for oral microbiota dysbiosis associated with type 2 diabetes. Nitric Oxide - Biology and Chemistry, 2021, 116, 38-46.	2.7	8
122	The Principles of Biomedical Scientific Writing: Materials and Methods. International Journal of Endocrinology and Metabolism, 2019, In Press, e88155.	1.0	8
123	The Effect of Sleep Deprivation on Cardiac Function and Tolerance to Ischemia-Reperfusion Injury in Male Rats. Arquivos Brasileiros De Cardiologia, 2015, 106, 41-8.	0.8	8
124	Comparison of inducible nitric oxide synthase activity in pancreatic islets of young and aged rats. Iranian Journal of Basic Medical Sciences, 2015, 18, 115-21.	1.0	8
125	Effect of orally administered propylthiouracil in pregnant and lactating rats on isolated aorta contractility of their adult male offspring. Medical Science Monitor, 2009, 15, BR123-7.	1.1	8
126	In vitro assessment of paraoxon effects on GABA uptake in rat hippocampal synaptosomes. Toxicology in Vitro, 2009, 23, 868-873.	2.4	7

#	Article	IF	Citations
127	Reference values for serum nitric oxide metabolites in pediatrics. Nitric Oxide - Biology and Chemistry, 2010, 23, 264-268.	2.7	7
128	Intra-erythrocyte Magnesium Is Associated with Gamma-Glutamyl Transferase in Obese Children and Adolescents. Biological Trace Element Research, 2011, 143, 835-843.	3.5	7
129	High dose of radioactive iodine per se has no effect on glucose metabolism in thyroidectomized rats. Endocrine, 2017, 56, 399-407.	2.3	7
130	Serum nitric oxide metabolites and hard clinical endpoints: a population-based prospective study. Scandinavian Cardiovascular Journal, 2019, 53, 176-182.	1.2	7
131	A Brief History of Modern Endocrinology and Definitions of a True Hormone. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 1116-1121.	1.2	7
132	Acidified Nitrite Accelerates Wound Healing in Type 2 Diabetic Male Rats: A Histological and Stereological Evaluation. Molecules, 2021, 26, 1872.	3.8	6
133	Different Pharmacokinetic Responses to an Acute Dose of Inorganic Nitrate in Patients with Type 2 Diabetes. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 878-886.	1.2	6
134	Seven-Year Changes of Leisure-Time and Occupational Physical Activity among Iranian Adults (Tehran) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	6
135	Time-dependent effect of GABA on glucose-stimulated insulin secretion from isolated islets in rat. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 462-466.	1.2	5
136	Total antioxidant capacity of the diet modulates the association between habitual nitrate intake and cardiovascular events: A longitudinal follow-up in Tehran Lipid and Glucose Study. Nutrition and Metabolism, 2018, 15, 19.	3.0	5
137	Hyperoxia improves carbohydrate metabolism by browning of white adipocytes in obese type 2 diabetic rats. Life Sciences, 2019, 220, 58-68.	4.3	5
138	Long-term co-administration of sodium nitrite and sodium hydrosulfide inhibits hepatic gluconeogenesis in male type 2 diabetic rats: Role of PI3K-Akt-eNOS pathway. Life Sciences, 2021, 265, 118770.	4.3	5
139	Type 2 Diabetes and Cancer: The Nitric Oxide Connection. Critical Reviews in Oncogenesis, 2019, 24, 235-242.	0.4	5
140	Scientific Publishing in Biomedicine: How to Choose a Journal?. International Journal of Endocrinology and Metabolism, 2020, 19, e108417.	1.0	5
141	The Nitrate-Nitrite-Nitric Oxide Pathway: Tehran Lipid and Glucose Study. International Journal of Endocrinology and Metabolism, 2018, In Press, e84775.	1.0	5
142	Type 2 Diabetes and Cancer: An Overview of Epidemiological Evidence and Potential Mechanisms. Critical Reviews in Oncogenesis, 2019, 24, 223-233.	0.4	5
143	Type 2 Diabetes: An Updated Overview. Critical Reviews in Oncogenesis, 2019, 24, 213-222.	0.4	5
144	Gestational hypothyroidism-induced changes in L-type calcium channels of rat aorta smooth muscle and their impact on the responses to vasoconstrictors. Iranian Journal of Basic Medical Sciences, 2015, 18, 172-9.	1.0	5

#	Article	IF	Citations
145	Inorganic nitrate, a natural anti-obesity agent: A systematic review and meta-analysis of animal studies. EXCLI Journal, 2020, 19, 972-983.	0.7	5
146	Quantitative aspects of nitric oxide production from nitrate and nitrite.. EXCLI Journal, 2022, 21, 470-486.	0.7	5
147	Reference Values for Serum Magnesium Levels in Young Adult Iranian Subjects. Biological Trace Element Research, 2010, 138, 99-106.	3.5	4
148	Which insulin resistance-based definition of metabolic syndrome has superior diagnostic value in detection of poor health-related quality of life? Cross-sectional findings from Tehran Lipid and Glucose Study. Health and Quality of Life Outcomes, 2015, 13, 194.	2.4	4
149	Effect of Nitrate on Gene and Protein Expression of Nitric Oxide Synthase Enzymes in Insulin-Sensitive Tissues of Type 2 Diabetic Male Rats. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 2220-2230.	1.2	4
150	Scientific Publishing in Biomedicine: How to Write a Cover Letter?. International Journal of Endocrinology and Metabolism, 2021, 19, e115242.	1.0	4
151	Sodium hydrosulfide has no additive effects on nitrite-inhibited renal gluconeogenesis in type 2 diabetic rats. Life Sciences, 2021, 283, 119870.	4.3	4
152	Long Term Sodium Nitrate Administration Positively Impacts Metabolic and Obesity Indices in Ovariectomized Rats. Archives of Medical Research, 2022, 53, 147-156.	3.3	4
153	Radioactive Iodine Therapy and Glucose Tolerance. Cell Journal, 2017, 19, 184-193.	0.2	4
154	Estimation and Validation of Dietary Nitrate and Nitrite Intake in Iranian Population. Iranian Journal of Public Health, 2019, 48, 162-170.	0.5	4
155	The effect of paraoxon on GABA uptake in rat cerebellar synaptosomes. Medical Science Monitor, 2007, 13, BR194-199.	1.1	4
156	Reference values for fasting serum glucose levels in healthy Iranian adult subjects. Clinical Laboratory, 2011, 57, 343-9.	0.5	4
157	Hydrogen sulfide potentiates the protective effects of nitrite against myocardial ischemia-reperfusion injury in type 2 diabetic rats. Nitric Oxide - Biology and Chemistry, 2022, 124, 15-23.	2.7	4
158	Are serum nitric oxide metabolites associated with fasting insulin among Iranian adults? (Tehran Lipid) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	3
159	Alteration in follistatin gene expression detected in prenatally androgenized rats. Gynecological Endocrinology, 2017, 33, 433-437.	1.7	3
160	Changes in nitric oxide synthase levels are associated with impaired cardiac function and tolerance to ischemia-reperfusion injury in male rats with transient congenital hypothyroidism. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1103-1111.	3.0	3
161	Carbon monoxide and Î²-cell function: Implications for type 2 diabetes mellitus. Biochemical Pharmacology, 2022, 201, 115048.	4.4	3
162	Pediatric reference values for serum creatinine and estimated glomerular filtration rate in Iranians: Tehran Lipid and Glucose Study. Archives of Iranian Medicine, 2015, 18, 753-9.	0.6	3

#	Article	IF	Citations
163	Circulating nitric oxide metabolites and the risk of cardiometabolic outcomes: a prospective population-based study. Biomarkers, 2019, 24, 325-333.	1.9	2
164	Association Between Serum Nitric Oxide Level and Changes in Thyroid Function Test in a Population-based Study: Tehran Thyroid Study Participants (TTS). International Journal of Endocrinology and Metabolism, 2021, 19, e109214.	1.0	2
165	Impaired Cardiovascular Function in Male Rats with Hypo- and Hyperthyroidism: Involvement of Imbalanced Nitric Oxide Synthase Levels. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 526-533.	1.2	2
166	Spot urinary microalbumin concentration, metabolic syndrome and type 2 diabetes: Tehran lipid and glucose study. BMC Endocrine Disorders, 2022, 22, 59.	2.2	2
167	Nitric Oxide Overproduction Reduces Insulin Secretion from Isolated Islets in Fetal Hypothyroid Rats. Hormone and Metabolic Research, 2016, 48, 145-150.	1.5	1
168	Beneficial Effects of Inorganic Nitrate/Nitrite on Vascular Function and Blood Pressure in Diabetes. , 2017, , 515-534.		1
169	Hydrogen Sulfide and Carbohydrate Metabolism. Frontiers in Clinical Drug Research Diabetes and Obesity, 2019, , 226-258.	0.1	1
170	Diabetoporosis: Role of nitric oxide. EXCLI Journal, 2021, 20, 764-780.	0.7	1
171	Effect of Fetal and Neonatal Hypothyroidism on Glucose Tolerance in Middle- Aged Female Rats. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 1627-1633.	1.2	1
172	Scientific Publishing in Biomedicine: Revising a Peer-reviewed Manuscript. International Journal of Endocrinology and Metabolism, 2022, 20, e120366.	1.0	1
173	Reference Values for Serum Lipid Profiles in Iranian Adults: Tehran Lipid and Glucose Study. Archives of Iranian Medicine, 2019, 22, 24-31.	0.6	1
174	Monitoring population salt intake using casual urinary sodium: Tehran Lipid and Glucose Study. Nutrition and Metabolism, 2022, 19, 19.	3.0	1
175	Reference values for serum creatinine with Jaffe-compensated assay in adult Iranian subjects: Tehran Lipid and Glucose Study. Archives of Iranian Medicine, 2014, 17, 394-9.	0.6	1
176	Diminished Response of Isolated Aorta Chronic Physical and Psychological Stress and its Reversibility in Rats. International Journal of Endocrinology and Metabolism, 2012, 10, 423-428.	1.0	0
177	REVIEW ARTICLE: Preanalytical and Analytical Considerations for Measuring Nitric Oxide Metabolites in Serum or Plasma Using the Griess Method. Clinical Laboratory, 2013, 59, .	0.5	0
178	Nitrate/L-arginine Therapy and Nitric Oxide Levels in the Stomach and Liver of Rats. Zahedan Journal of Researches in Medical Sciences, 2015, 17, .	0.2	0
179	Effects of hydrogen sulfide on carbohydrate metabolism and blood pressure in obese typeâ€2 diabetic rats. FASEB Journal, 2019, 33, 514.4.	0.5	0