

Layla Al-Nakkash

List of Publications by Year in descending order

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47
papers

1,015
citations

623734

14
h-index

454955

30
g-index

48
all docs

48
docs citations

48
times ranked

1618
citing authors

#	ARTICLE	IF	CITATIONS
1	Estrogen-gut microbiome axis: Physiological and clinical implications. <i>Maturitas</i> , 2017, 103, 45-53.	2.4	485
2	Genistein treatment improves fracture resistance in obese diabetic mice. <i>BMC Endocrine Disorders</i> , 2017, 17, 1.	2.2	44
3	Neuroprotective Effects of Chronic Resveratrol Treatment and Exercise Training in the 3xTg-AD Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7337.	4.1	39
4	High-fat, high-sugar diet induces splenomegaly that is ameliorated with exercise and genistein treatment. <i>BMC Research Notes</i> , 2018, 11, 752.	1.4	29
5	Dietary Genistein Stimulates Anion Secretion Across Female Murine Intestine. <i>Journal of Nutrition</i> , 2006, 136, 2785-2790.	2.9	28
6	Six-Week High-Fat Diet Alters the Gut Microbiome and Promotes Cecal Inflammation, Endotoxin Production, and Simple Steatosis without Obesity in Male Rats. <i>Lipids</i> , 2019, 54, 119-131.	1.7	28
7	<p>Beneficial Effect of Genistein on Diabetes-Induced Brain Damage in the ob/ob Mouse Model</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3325-3336.	4.3	27
8	Phylogeny and herbivory are related to avian cecal size. <i>Scientific Reports</i> , 2019, 9, 4243.	3.3	20
9	Effects of acute and 2-Day genistein treatment on cardiac function and ischemic tolerance in ovariectomized rats. <i>Gender Medicine</i> , 2009, 6, 488-497.	1.4	19
10	Soy Isoflavones and Gastrointestinal Health. <i>Current Nutrition Reports</i> , 2020, 9, 193-201.	4.3	19
11	Dietary Genistein Induces Sex-Dependent Effects on Murine Body Weight, Serum Profiles, and Vascular Function of Thoracic Aortae. <i>Gender Medicine</i> , 2012, 9, 295-308.	1.4	18
12	<p>Genistein diet improves body weight, serum glucose and triglyceride levels in both male and female ob/ob mice</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 2011-2021.	2.4	17
13	Genistein Induces Estrogen-Like Effects in Ovariectomized Rats but Fails to Increase Cardiac GLUT4 and Oxidative Stress. <i>Journal of Medicinal Food</i> , 2010, 13, 1369-1375.	1.5	16
14	Genistein supplementation prevents weight gain but promotes oxidative stress and inflammation in the vasculature of female obese ob/job mice. <i>Nutrition Research</i> , 2016, 36, 789-797.	2.9	16
15	Feeding Obese Diabetic Mice a Genistein Diet Induces Thermogenic and Metabolic Change. <i>Journal of Medicinal Food</i> , 2018, 21, 332-339.	1.5	16
16	Genistein Stimulates Jejunal Chloride Secretion via Sex-dependent, Estrogen Receptor or Adenylate Cyclase Mechanisms. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 137-150.	1.6	15
17	Effects of resveratrol treatment on bone and cartilage in obese diabetic mice. <i>Journal of Diabetes and Metabolic Disorders</i> , 2015, 14, 10.	1.9	15
18	Exercise and/or Genistein Treatment Impact Gut Microbiota and Inflammation after 12 Weeks on a High-Fat, High-Sugar Diet in C57BL/6 Mice. <i>Nutrients</i> , 2020, 12, 3410.	4.1	15

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19	Stimulation of Murine Intestinal Secretion by Daily Genistein Injections: Gender-dependent Differences. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 239-250.	1.6	13
20	Activation of CFTR by UCCF-029 and genistein. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3874-3877.	2.2	12
21	Dietary Genistein Rescues Reduced Basal Chloride Secretion in Diabetic Jejunum via Sex-Dependent Mechanisms. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 335-346.	1.6	12
22	Decreased basal chloride secretion and altered cystic fibrosis transmembrane conductance regulatory protein, Villin, GLUT5 protein expression in jejunum from leptin-deficient mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2014, 7, 321.	2.4	11
23	Genistein treatment increases bone mass in obese, hyperglycemic mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2016, 9, 63.	2.4	10
24	Exercise and resveratrol increase fracture resistance in the 3xTg-AD mouse model of Alzheimer's disease. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 39.	3.7	10
25	Genistein: A focus on several neurodegenerative diseases. <i>Journal of Food Biochemistry</i> , 2022, 46, e14155.	2.9	10
26	Dietary Genistein Influences Number of Acetylcholine Receptors in Female Diabetic Jejunum. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	2.3	8
27	Consuming Genistein Improves Survival Rates in the Absence of Laxative in \hat{p} F508-CF Female Mice. <i>Nutrients</i> , 2018, 10, 1418.	4.1	8
28	Student perception on the integration of simulation experiences into human physiology curricula. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2019, 43, 332-338.	1.6	8
29	Systematic review of the impact of genistein on diabetes-related outcomes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R279-R288.	1.8	8
30	Optical clearing of small intestine for three-dimensional visualization of cellular proliferation within crypts. <i>Journal of Anatomy</i> , 2018, 232, 152-157.	1.5	6
31	Genistein Stimulates Jejunum Chloride Secretion via an Akt-Mediated Pathway in Intact Female Mice. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1317-1325.	1.6	5
32	Bone Strength Is Improved with Genistein Treatment in Mice with Diet-Induced Obesity. <i>Current Developments in Nutrition</i> , 2019, 3, nzz121.	0.3	5
33	Expression of gluconeogenic enzymes and 11 β -hydroxysteroid dehydrogenase type 1 in liver of diabetic mice after acute exercise. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2014, 7, 495.	2.4	4
34	Leptin-deficient mice have altered three-dimensional growth plate histomorphometry. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 8.	2.7	4
35	Effect of Genistein Diet on Jejunum Contractility, Motility and Morphology in a Mouse Model of Diabetic Obesity. <i>FASEB Journal</i> , 2015, 29, 848.3.	0.5	4
36	Sex-Dependent Effects of Dietary Genistein on Echocardiographic Profile and Cardiac GLUT4 Signaling in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	1.2	3

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37	Effects of Exercise Training on Renal Carnitine Biosynthesis and Uptake in the High-Fat and High-Sugar-Fed Mouse. <i>Molecules</i> , 2020, 25, 2100.	3.8	2
38	Effects of Genistein and Exercise Training on Brain Damage Induced by a High-Fat High-Sucrose Diet in Female C57BL/6 Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-11.	4.0	2
39	A 2-month exposure to dietary genistein has sex-dependent effects on serum profile, cardiac protein expression, and aortic morphology in mice. <i>Nutrition and Dietary Supplements</i> , 0, , 15.	0.7	1
40	Effect of genistein on basal jejunal chloride secretion in R117H CF mice is sex and route specific. <i>Clinical and Experimental Gastroenterology</i> , 2015, 8, 77.	2.3	1
41	Effects Of Genistein And Exercise On Ovariectomized And Intact Rats. <i>FASEB Journal</i> , 2010, 24, 806.1.	0.5	1
42	Genistein diet does not modify crypt morphology in the ob/ob mouse jejunum: a comparison of cryostat and clearing techniques. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 863-873.	2.4	0
43	Genistein's Mechanism(s) Of Action On Intestinal Chloride Secretion In Mice. <i>FASEB Journal</i> , 2010, 24, 1002.8.	0.5	0
44	Genistein promotes collagenâ€sparing in the Achilles tendon of oophorectomized rats. <i>FASEB Journal</i> , 2011, 25, 1049.8.	0.5	0
45	The effects of resveratrol on bone and growth plate cartilage in leptinâ€deficient mice. <i>FASEB Journal</i> , 2013, 27, 744.3.	0.5	0
46	In the absence of weight gain, survival rates of DF508â€CF female mice are increased by genistein diet.. <i>FASEB Journal</i> , 2018, 32, 759.1.	0.5	0
47	Influence of Genistein and Exercise on Lipid Metabolism in High Fatâ€High Sugar Fed Mice. <i>FASEB Journal</i> , 2019, 33, 870.1.	0.5	0