So-Young Park

List of Publications by Year in descending order

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		126708	143772
118	3,898	33	57
papers	citations	h-index	g-index
119	119	119	6122
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Peroxiredoxin 2 deficiency does not affect insulin resistance and oxidative stress in high-fat diet-fed obese mice. Archives of Physiology and Biochemistry, 2022, 128, 859-868.	1.0	2
2	Journal title changes from Yeungnam University Journal of Medicine to Journal of Yeungnam Medical Science., 2022, 39, 1-2.		1
3	Characterization of adipose depot-specific stromal cell populations by single-cell mass cytometry. IScience, 2022, 25, 104166.	1.9	5
4	MIF1 and MIF2 Myostatin Peptide Inhibitors as Potent Muscle Mass Regulators. International Journal of Molecular Sciences, 2022, 23, 4222.	1.8	7
5	Simultaneous monitoring of the middle cerebral and basilar arteries to detect right-to-left shunts using transcranial Doppler by agitated saline administration. Scientific Reports, 2022, 12, 6658.	1.6	O
6	Drug-Induced Vitamin Deficiency. , 2022, 14, 20-31.		1
7	Particulateâ€Based Singleâ€Dose Local Immunosuppressive Regimen for Inducing Tolerogenic Dendritic Cells in Xenogeneic Islet Transplantation. Advanced Healthcare Materials, 2021, 10, e2001157.	3.9	12
8	Methionine sulfoxide reductase B3 deficiency inhibits the development of diet-induced insulin resistance in mice. Redox Biology, 2021, 38, 101823.	3.9	6
9	Targeting integrins for cancer management using nanotherapeutic approaches: Recent advances and challenges. Seminars in Cancer Biology, 2021, 69, 325-336.	4.3	38
10	Targeting and clearance of senescent foamy macrophages and senescent endothelial cells by antibody-functionalized mesoporous silica nanoparticles for alleviating aorta atherosclerosis. Biomaterials, 2021, 269, 120677.	5.7	54
11	Can antioxidants be effective therapeutics for type 2 diabetes?. Yeungnam University Journal of Medicine, 2021, 38, 83-94.	0.7	11
12	An Analysis on Distribution of Handgrip Strength and Associated Factors in Korean Adults. Korean Journal of Clinical Pharmacy, 2021, 31, 231-236.	0.0	1
13	Isolation and Characterization of Compounds from Glycyrrhiza uralensis as Therapeutic Agents for the Muscle Disorders. International Journal of Molecular Sciences, 2021, 22, 876.	1.8	21
14	Mitochondrial dysfunction in skeletal muscle contributes to the development of acute insulin resistance in mice. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1925-1939.	2.9	33
15	Inhibiting serotonin signaling through HTR2B in visceral adipose tissue improves obesity-related insulin resistance. Journal of Clinical Investigation, 2021, 131, .	3.9	16
16	Peroxiredoxin2 Deficiency Aggravates Aging-Induced Insulin Resistance and Declines Muscle Strength. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 147-154.	1.7	14
17	Beta-lapachone attenuates immobilization-induced skeletal muscle atrophy in mice. Experimental Gerontology, 2019, 126, 110711.	1.2	5
18	Selenoprotein W deficiency does not affect oxidative stress and insulin sensitivity in the skeletal muscle of high-fat diet-fed obese mice. American Journal of Physiology - Cell Physiology, 2019, 317, C1172-C1182.	2.1	12

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19	FMK, an Inhibitor of p90RSK, Inhibits High Glucose-Induced TXNIP Expression via Regulation of ChREBP in Pancreatic \hat{l}^2 Cells. International Journal of Molecular Sciences, 2019, 20, 4424.	1.8	7
20	Adipose sirtuin 6 drives macrophage polarization toward M2 through IL-4 production and maintains systemic insulin sensitivity in mice and humans. Experimental and Molecular Medicine, 2019, 51, 1-10.	3.2	25
21	Obesity and Erectile Dysfunction: From Bench to Clinical Implication. World Journal of Men?s Health, 2019, 37, 138.	1.7	40
22	Transthyretin Maintains Muscle Homeostasis through the Novel Shuttle Pathway of Thyroid Hormones during Myoblast Differentiation. Cells, 2019, 8, 1565.	1.8	15
23	Embryonic Stem Cell–Derived mmu-miR-291a-3p Inhibits Cellular Senescence in Human Dermal Fibroblasts Through the TGF-β Receptor 2 Pathway. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1359-1367.	1.7	51
24	Succinate induces hepatic fibrogenesis by promoting activation, proliferation, and migration, and inhibiting apoptosis of hepatic stellate cells. Biochemical and Biophysical Research Communications, 2018, 496, 673-678.	1.0	44
25	Metformin ameliorates activation of hepatic stellate cells and hepatic fibrosis by succinate and GPR91 inhibition. Biochemical and Biophysical Research Communications, 2018, 495, 2649-2656.	1.0	36
26	Clusterin deficiency induces lipid accumulation and tissue damage in kidney. Journal of Endocrinology, 2018, 237, 175-191.	1.2	9
27	Fibromodulin and regulation of the intricate balance between myoblast differentiation to myocytes or adipocyteâ€like cells. FASEB Journal, 2018, 32, 768-781.	0.2	41
28	Multifaceted Interweaving Between Extracellular Matrix, Insulin Resistance, and Skeletal Muscle. Cells, 2018, 7, 148.	1.8	50
29	Elicitor treatment potentiates the preventive effect of Saururus chinensis leaves on stress-induced gastritis. Applied Biological Chemistry, 2018, 61, 423-431.	0.7	6
30	Udenafil, a Phosphodiesterase 5 Inhibitor, Reduces Body Weight in High-Fat-Fed Mice. World Journal of Men?s Health, 2018, 36, 41.	1.7	10
31	LY2405319, an analog of fibroblast growth factor 21 ameliorates α-smooth muscle actin production through inhibition of the succinate—G-protein couple receptor 91 (GPR91) pathway in mice. PLoS ONE, 2018, 13, e0192146.	1.1	21
32	Polymeric microsphere-facilitated site-specific delivery of quercetin prevents senescence of pancreatic islets in vivo and improves transplantation outcomes in mouse model of diabetes. Acta Biomaterialia, 2018, 75, 287-299.	4.1	29
33	Epac2a-knockout mice are resistant to dexamethasone-induced skeletal muscle atrophy and short-term cold stress. BMB Reports, 2018, 51, 39-44.	1.1	5
34	Nutritional regulation of renal lipogenic factor expression in mice: comparison to regulation in the liver and skeletal muscle. American Journal of Physiology - Renal Physiology, 2017, 313, F887-F898.	1.3	5
35	Myeloid Sirtuin 6 Deficiency Causes Insulin Resistance in High-Fat Diet–Fed Mice by Eliciting Macrophage Polarization Toward an M1 Phenotype. Diabetes, 2017, 66, 2659-2668.	0.3	91
36	Methionine sulfoxide reductase B1 deficiency does not increase high-fat diet-induced insulin resistance in mice. Free Radical Research, 2017, 51, 24-37.	1.5	8

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37	Transthyretin: A Transporter Protein Essential for Proliferation of Myoblast in the Myogenic Program. International Journal of Molecular Sciences, 2017, 18, 115.	1.8	12
38	Response: Regulating Hypothalamus Gene Expression in Food Intake: Dietary Composition or Calorie Density? (Diabetes Metab J2017;41:121-7). Diabetes and Metabolism Journal, 2017, 41, 225.	1.8	0
39	Regulating Hypothalamus Gene Expression in Food Intake: Dietary Composition or Calorie Density?. Diabetes and Metabolism Journal, 2017, 41, 121.	1.8	4
40	Effect of High Glucose on MUC5B Expression in Human Airway Epithelial Cells. Clinical and Experimental Otorhinolaryngology, 2017, 10, 77-84.	1.1	1
41	Synchronized Cell Cycle Arrest Promotes Osteoclast Differentiation. International Journal of Molecular Sciences, 2016, 17, 1292.	1.8	11
42	Inhibition of Pyruvate Dehydrogenase Kinase 2 Protects Against Hepatic Steatosis Through Modulation of Tricarboxylic Acid Cycle Anaplerosis and Ketogenesis. Diabetes, 2016, 65, 2876-2887.	0.3	53
43	Fibromodulin: a master regulator of myostatin controlling progression of satellite cells through a myogenic program. FASEB Journal, 2016, 30, 2708-2719.	0.2	63
44	Hepatic expression of cytochrome P450 in Zucker diabetic fatty rats. Food and Chemical Toxicology, 2016, 96, 244-253.	1.8	16
45	Delphinidin prevents high glucose-induced cell proliferation and collagen synthesis by inhibition of NOX-1 and mitochondrial superoxide in mesangial cells. Journal of Pharmacological Sciences, 2016, 130, 235-243.	1.1	18
46	Interleukin-10 deficiency aggravates angiotensin II-induced cardiac remodeling in mice. Life Sciences, 2016, 146, 214-221.	2.0	17
47	CCL5 Inhibits Elevation of Blood Pressure and Expression of Hypertensive Mediators in Developing Hypertension State Spontaneously Hypertensive Rats. Journal of Bacteriology and Virology, 2015, 45, 138.	0.0	4
48	Hexane Extract of Orthosiphon stamineus Induces Insulin Expression and Prevents Glucotoxicity in INS-1 Cells. Diabetes and Metabolism Journal, 2015, 39, 51.	1.8	8
49	TLR2 deficiency attenuates skeletal muscle atrophy in mice. Biochemical and Biophysical Research Communications, 2015, 459, 534-540.	1.0	26
50	Inhibitory effects of (\hat{a}^2) -loliolide on cellular senescence in human dermal fibroblasts. Archives of Pharmacal Research, 2015, 38, 876-884.	2.7	21
51	Inhibitory Activities of Ethanol Extracts from Saururus chinensis L. against Stress-Induced Hemorrhagic Gastritis. Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 800-808.	0.2	3
52	Efficient Delivery of Plasmid DNA Using Cholesterol-Based Cationic Lipids Containing Polyamines and Ether Linkages. International Journal of Molecular Sciences, 2014, 15, 7293-7312.	1.8	14
53	Effect of Exercise Intensity on Unfolded Protein Response in Skeletal Muscle of Rat. Korean Journal of Physiology and Pharmacology, 2014, 18, 211.	0.6	32
54	Inhibitory effects of juglanin on cellular senescence in human dermal fibroblasts. Journal of Natural Medicines, 2014, 68, 473-480.	1.1	29

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55	Deficiency of Clusterin Exacerbates High-Fat Diet-Induced Insulin Resistance in Male Mice. Endocrinology, 2014, 155, 2089-2101.	1.4	29
56	Quercetin-3-O- \hat{l}^2 -d-glucuronide isolated from Polygonum aviculare inhibits cellular senescence in human primary cells. Archives of Pharmacal Research, 2014, 37, 1219-1233.	2.7	26
57	Inhibition of CYP4A Reduces Hepatic Endoplasmic Reticulum Stress and Features of Diabetes in Mice. Gastroenterology, 2014, 147, 860-869.	0.6	47
58	Hemin Improves Insulin Sensitivity in Skeletal Muscle in High Fat–Fed Mice. Journal of Pharmacological Sciences, 2014, 126, 115-125.	1.1	16
59	Insulin-like growth factor-1 induces MUC8 and MUC5B expression via ERK1 and p38 MAPK in human airway epithelial cells. Biochemical and Biophysical Research Communications, 2013, 430, 683-688.	1.0	21
60	Hemin, heme oxygenase-1 inducer, attenuates immobilization-induced skeletal muscle atrophy in mice. Life Sciences, 2013, 92, 740-746.	2.0	17
61	Combined Treatment of Betulinic Acid, a PTP1B Inhibitor, with <i>Orthosiphon stamineus </i> Decreases Body Weight in High-Fat–Fed Mice. Journal of Medicinal Food, 2013, 16, 2-8.	0.8	15
62	IGFBP5 mediates high glucose-induced cardiac fibroblast activation. Journal of Molecular Endocrinology, 2013, 50, 291-303.	1.1	33
63	Estrogen Rather Than Progesterone Cause Constipation in Both Female and Male Mice. Korean Journal of Physiology and Pharmacology, 2013, 17, 423.	0.6	32
64	Effect of <i>Onchocerca Volvulus</i> Chitinase on MUC5B Expression in Human Airway Epithelial Cells. American Journal of Rhinology and Allergy, 2013, 27, 3-7.	1.0	8
65	Effect of Epigallocatechin-3-Gallate on PMA-Induced MUC5B Expression in Human Airway Epithelial Cells. Clinical and Experimental Otorhinolaryngology, 2013, 6, 237.	1.1	8
66	Deficiency of inducible nitric oxide synthase attenuates immobilization-induced skeletal muscle atrophy in mice. Journal of Applied Physiology, 2012, 113, 114-123.	1.2	20
67	Inhibition of fatty acid translocase cluster determinant 36 (CD36), stimulated by hyperglycemia, prevents glucotoxicity in INS-1 cells. Biochemical and Biophysical Research Communications, 2012, 420, 462-466.	1.0	28
68	Intracerebroventricular Injection of Metformin Induces Anorexia in Rats. Diabetes and Metabolism Journal, 2012, 36, 293.	1.8	29
69	AMPK induces MUC5B expression via p38 MAPK in NCI-H292 airway epithelial cells. Biochemical and Biophysical Research Communications, 2011, 409, 669-674.	1.0	17
70	Individual Variation in Growth Factor Concentrations in Platelet-rich Plasma and Its Influence on Human Mesenchymal Stem Cells. Annals of Laboratory Medicine, 2011, 31, 212-218.	1.2	93
71	ATP-Sensitive Potassium Channel-Deficient Mice Show Hyperphagia but Are Resistant to Obesity. Diabetes and Metabolism Journal, 2011, 35, 219.	1.8	18
72	Reparixin, an Inhibitor of CXCR1 and CXCR2 Receptor Activation, Attenuates Blood Pressure and Hypertension-Related Mediators Expression in Spontaneously Hypertensive Rats. Biological and Pharmaceutical Bulletin, 2011, 34, 120-127.	0.6	23

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73	Lack of Inducible Nitric Oxide Synthase Prevents Lipid-Induced Skeletal Muscle Insulin Resistance Without Attenuating Cytokine Level. Journal of Pharmacological Sciences, 2011, 117, 77-86.	1.1	14
74	Inhibition of Inducible Nitric Oxide Synthase Attenuates Monosodium Urate-induced Inflammation in Mice. Korean Journal of Physiology and Pharmacology, 2011, 15, 363.	0.6	8
75	Effect of Geranium Essential Oil on Food Intake via Olfactory Stimulus. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 766.	0.0	5
76	Lack of inducible nitric oxide synthase does not prevent aging-associated insulin resistance. Experimental Gerontology, 2010, 45, 711-718.	1.2	19
77	Metformin Inhibits Isoproterenol-induced Cardiac Hypertrophy in Mice. Korean Journal of Physiology and Pharmacology, 2010, 14, 377.	0.6	33
78	Adiponectin inhibits palmitate-induced apoptosis through suppression of reactive oxygen species in endothelial cells: involvement of cAMP/protein kinase A and AMP-activated protein kinase. Journal of Endocrinology, 2010, 207, 35-44.	1.2	83
79	The Effect of Metformin on Liver Lipid Accumulation in Mice Fed a High-fat Diet. Journal of the Korean Society for Applied Biological Chemistry, 2010, 53, 198-205.	0.9	6
80	Inducible Nitric Oxide Synthase Deficiency in Myeloid Cells Does Not Prevent Diet-Induced Insulin Resistance. Molecular Endocrinology, 2010, 24, 1413-1422.	3.7	19
81	Leptin up-regulates MUC5B expression in human airway epithelial cells via mitogen-activated protein kinase pathway. Experimental Lung Research, 2010, 36, 262-269.	0.5	38
82	Deficiency of iNOS Does Not Prevent Isoproterenol-induced Cardiac Hypertrophy in Mice. Korean Journal of Physiology and Pharmacology, 2009, 13, 153.	0.6	7
83	COMP-angiopoietin-1 enhances skeletal muscle blood flow and insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E402-E409.	1.8	22
84	The Effect of Black Tea on Biomarkers of Metabolic Syndrome in High Fat Diet Fed Rats. Journal of the Korean Society for Applied Biological Chemistry, 2009, 52, 193-197.	0.9	3
85	Inhibition of Lipid Infusion–Induced Skeletal Muscle Insulin Resistance by Cotreatment With Tempol and Glutathione in Mice. Journal of Pharmacological Sciences, 2009, 110, 370-380.	1.1	22
86	AMPK activator, AlCAR, inhibits palmitate-induced apoptosis in osteoblast. Bone, 2008, 43, 394-404.	1.4	80
87	Effect of Different Bone Substitutes on the Concentration of Growth Factors in Platelet-rich Plasma. Journal of Biomaterials Applications, 2008, 22, 545-557.	1.2	7
88	AMP-Activated Protein Kinase Activation by 5-Aminoimidazole-4-carboxamide-1-Î ² -D-ribofuranoside (AICAR) Inhibits Palmitate-Induced Endothelial Cell Apoptosis Through Reactive Oxygen Species Suppression. Journal of Pharmacological Sciences, 2008, 106, 394-403.	1.1	88
89	Motor Control Via Spared Peri-infarct Corticospinal Tract in Patients With Pontine Infarct. Journal of Computer Assisted Tomography, 2008, 32, 159-162.	0.5	3
90	Naloxone Increases the Anorexic Effect of MTII in OLETF Rats. Journal of Korean Endocrine Society, 2008, 23, 18.	0.1	1

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91	Effect of Bone Marrow Cell Collection Techniques and Donor Site Locations on In-Vitro Growth of Bone Forming Cells. Asian Spine Journal, 2008, 2, 59.	0.8	3
92	The Effect of Leptin Level Fluctuations by a Repeated Fasting/Refeeding on the Leptin Sensitivity in OLETF Rats. Journal of Korean Endocrine Society, 2008, 23, 310.	0.1	4
93	Hyperglycemia, maturity-onset obesity, and insulin resistance in NONcNZO10/LtJ males, a new mouse model of type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E327-E336.	1.8	51
94	Lignans from Arctium lappa and Their Inhibition of LPS-Induced Nitric Oxide Production. Chemical and Pharmaceutical Bulletin, 2007, 55, 150-152.	0.6	76
95	Metformin Restores the Penile Expression of Nitric Oxide Synthase in High-Fat-Fed Obese Rats. Journal of Andrology, 2007, 28, 555-560.	2.0	34
96	Time-Course Changes of Hormones and Cytokines by Lipopolysaccharide and Its Relation with Anorexia. Journal of Physiological Sciences, 2007, 57, 159-165.	0.9	46
97	Metformin Restores Leptin Sensitivity in High-Fat-Fed Obese Rats With Leptin Resistance. Diabetes, 2006, 55, 716-724.	0.3	130
98	Age-associated changes in fat metabolism in the rat and its relation to sympathetic activity. Life Sciences, 2006, 79, 2228-2233.	2.0	23
99	Mechanism of glucose intolerance in mice with dominant negative mutation of CEACAM1. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E517-E524.	1.8	42
100	Regulation of Metabolic Responses by Adipocyte/ Macrophage Fatty Acid-Binding Proteins in Leptin-Deficient Mice. Diabetes, 2006, 55, 1915-1922.	0.3	85
101	Hormone-sensitive lipase knockout mice have increased hepatic insulin sensitivity and are protected from short-term diet-induced insulin resistance in skeletal muscle and heart. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E30-E39.	1.8	79
102	Caveolin-3 knockout mice show increased adiposity and whole body insulin resistance, with ligand-induced insulin receptor instability in skeletal muscle. American Journal of Physiology - Cell Physiology, 2005, 288, C1317-C1331.	2.1	94
103	Cardiac-Specific Overexpression of Peroxisome Proliferator-Activated Receptor-Â Causes Insulin Resistance in Heart and Liver. Diabetes, 2005, 54, 2514-2524.	0.3	113
104	Adipocyte-Specific Overexpression of FOXC2 Prevents Diet-Induced Increases in Intramuscular Fatty Acyl CoA and Insulin Resistance. Diabetes, 2005, 54, 1657-1663.	0.3	68
105	Unraveling the Temporal Pattern of Diet-Induced Insulin Resistance in Individual Organs and Cardiac Dysfunction in C57BL/6 Mice. Diabetes, 2005, 54, 3530-3540.	0.3	251
106	Interrelation between long-chain fatty acid oxidation rate and carnitine palmitoyltransferase 1 activity with different isoforms in rat tissues. Life Sciences, 2005, 77, 435-443.	2.0	33
107	Leptin-like effects of MTII are augmented in MSG-obese rats. Regulatory Peptides, 2005, 127, 63-70.	1.9	26
108	Syntaxin 4 Transgenic Mice Exhibit Enhanced Insulin-Mediated Glucose Uptake in Skeletal Muscle. Diabetes, 2004, 53, 2223-2231.	0.3	58

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109	Cardiac-specific Knock-out of Lipoprotein Lipase Alters Plasma Lipoprotein Triglyceride Metabolism and Cardiac Gene Expression. Journal of Biological Chemistry, 2004, 279, 25050-25057.	1.6	107
110	Differential Effects of Interleukin-6 and -10 on Skeletal Muscle and Liver Insulin Action In Vivo. Diabetes, 2004, 53, 1060-1067.	0.3	459
111	Lidocaine Instilled into the Endotracheal Tube Suppresses the Cough Reflex during Emergence and Extubation. Daehan Macwi'gwa Haghoeji, 2002, 42, 36.	0.2	O
112	Effect of High Fat Diet on Insulin Resistance: Dietary Fat Versus Visceral Fat Mass. Journal of Korean Medical Science, 2001, 16, 386.	1.1	16
113	Change in activity of the sympathetic nervous system in diet-induced obese rats. Journal of Korean Medical Science, 2000, 15, 635.	1.1	1
114	Effects of BCG, lymphotoxin and bee venom on insulitis and development of IDDM in non-obese diabetic mice. Journal of Korean Medical Science, 1999, 14, 648.	1.1	19
115	Increased binding at 5-HT1A, 5-HT1B, and 5-HT2A receptors and 5-HT transporters in diet-induced obese rats. Brain Research, 1999, 847, 90-97.	1.1	59
116	Effects of Regular Treadmill Running on GLUT4 Protein of Skeletal Muscle in STZ-diabetic Rats. Yeungnam University Journal of Medicine, 1998, 15, 341.	0.1	0
117	Obesity and Erectile Dysfunction: From Bench to Clinical Implication. World Journal of Men?s Health, 0, 36, .	1.7	0
118	Myostatin and its Regulation: A Comprehensive Review of Myostatin Inhibiting Strategies. Frontiers in Physiology, $0,13,1$	1.3	19