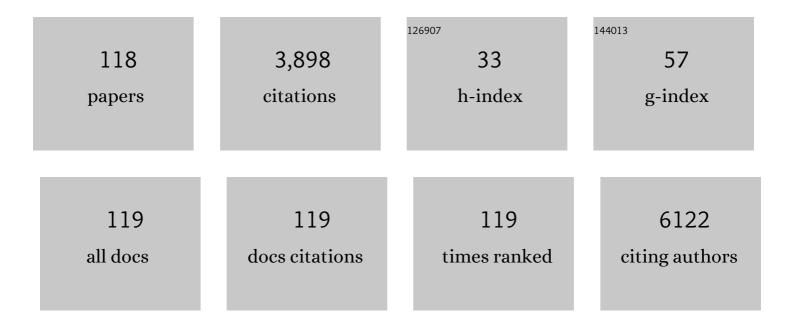
So-Young Park

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Differential Effects of Interleukin-6 and -10 on Skeletal Muscle and Liver Insulin Action In Vivo. Diabetes, 2004, 53, 1060-1067.	0.6	459
2	Unraveling the Temporal Pattern of Diet-Induced Insulin Resistance in Individual Organs and Cardiac Dysfunction in <scp>c57bl/6</scp> Mice. Diabetes, 2005, 54, 3530-3540.	0.6	251
3	Metformin Restores Leptin Sensitivity in High-Fat–Fed Obese Rats With Leptin Resistance. Diabetes, 2006, 55, 716-724.	0.6	130
4	Cardiac-Specific Overexpression of Peroxisome Proliferator–Activated Receptor-α Causes Insulin Resistance in Heart and Liver. Diabetes, 2005, 54, 2514-2524.	0.6	113
5	Cardiac-specific Knock-out of Lipoprotein Lipase Alters Plasma Lipoprotein Triglyceride Metabolism and Cardiac Gene Expression. Journal of Biological Chemistry, 2004, 279, 25050-25057.	3.4	107
6	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.	4.6	94
7	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.	2.5	93
8	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.	0.6	91
9	AMP-Activated Protein Kinase Activation by 5-Aminoimidazole-4-carboxamide-1-β-D-ribofuranoside (AICAR) Inhibits Palmitate-Induced Endothelial Cell Apoptosis Through Reactive Oxygen Species Suppression. Journal of Pharmacological Sciences, 2008, 106, 394-403.	2.5	88
10	Regulation of Metabolic Responses by Adipocyte/ Macrophage Fatty Acid-Binding Proteins in Leptin-Deficient Mice. Diabetes, 2006, 55, 1915-1922.	0.6	85
11	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.	2.6	83
12	AMPK activator, AICAR, inhibits palmitate-induced apoptosis in osteoblast. Bone, 2008, 43, 394-404.	2.9	80
13	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.	3.5	79
14	Lignans from Arctium lappa and Their Inhibition of LPS-Induced Nitric Oxide Production. Chemical and Pharmaceutical Bulletin, 2007, 55, 150-152.	1.3	76
15	Adipocyte-Specific Overexpression of FOXC2 Prevents Diet-Induced Increases in Intramuscular Fatty Acyl CoA and Insulin Resistance. Diabetes, 2005, 54, 1657-1663.	0.6	68
16	Fibromodulin: a master regulator of myostatin controlling progression of satellite cells through a myogenic program. FASEB Journal, 2016, 30, 2708-2719.	0.5	63
17	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.	2.2	59
18	Syntaxin 4 Transgenic Mice Exhibit Enhanced Insulin-Mediated Glucose Uptake in Skeletal Muscle. Diabetes, 2004, 53, 2223-2231.	0.6	58

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19	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.	11.4	54
20	Inhibition of Pyruvate Dehydrogenase Kinase 2 Protects Against Hepatic Steatosis Through Modulation of Tricarboxylic Acid Cycle Anaplerosis and Ketogenesis. Diabetes, 2016, 65, 2876-2887.	0.6	53
21	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.	3.5	51
22	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.	3.6	51
23	Multifaceted Interweaving Between Extracellular Matrix, Insulin Resistance, and Skeletal Muscle. Cells, 2018, 7, 148.	4.1	50
24	Inhibition of CYP4A Reduces Hepatic Endoplasmic Reticulum Stress and Features of Diabetes in Mice. Gastroenterology, 2014, 147, 860-869.	1.3	47
25	Time-Course Changes of Hormones and Cytokines by Lipopolysaccharide and Its Relation with Anorexia. Journal of Physiological Sciences, 2007, 57, 159-165.	2.1	46
26	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.	2.1	44
27	Mechanism of glucose intolerance in mice with dominant negative mutation of CEACAM1. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E517-E524.	3.5	42
28	Fibromodulin and regulation of the intricate balance between myoblast differentiation to myocytes or adipocyteâ€like cells. FASEB Journal, 2018, 32, 768-781.	0.5	41
29	Obesity and Erectile Dysfunction: From Bench to Clinical Implication. World Journal of Men?s Health, 2019, 37, 138.	3.3	40
30	Leptin up-regulates MUC5B expression in human airway epithelial cells via mitogen-activated protein kinase pathway. Experimental Lung Research, 2010, 36, 262-269.	1.2	38
31	Targeting integrins for cancer management using nanotherapeutic approaches: Recent advances and challenges. Seminars in Cancer Biology, 2021, 69, 325-336.	9.6	38
32	Metformin ameliorates activation of hepatic stellate cells and hepatic fibrosis by succinate and GPR91 inhibition. Biochemical and Biophysical Research Communications, 2018, 495, 2649-2656.	2.1	36
33	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
34	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.	4.3	33
35	Metformin Inhibits Isoproterenol-induced Cardiac Hypertrophy in Mice. Korean Journal of Physiology and Pharmacology, 2010, 14, 377.	1.2	33
36	IGFBP5 mediates high glucose-induced cardiac fibroblast activation. Journal of Molecular Endocrinology, 2013, 50, 291-303.	2.5	33

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37	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.	7.3	33
38	Estrogen Rather Than Progesterone Cause Constipation in Both Female and Male Mice. Korean Journal of Physiology and Pharmacology, 2013, 17, 423.	1.2	32
39	Effect of Exercise Intensity on Unfolded Protein Response in Skeletal Muscle of Rat. Korean Journal of Physiology and Pharmacology, 2014, 18, 211.	1.2	32
40	Intracerebroventricular Injection of Metformin Induces Anorexia in Rats. Diabetes and Metabolism Journal, 2012, 36, 293.	4.7	29
41	Inhibitory effects of juglanin on cellular senescence in human dermal fibroblasts. Journal of Natural Medicines, 2014, 68, 473-480.	2.3	29
42	Deficiency of Clusterin Exacerbates High-Fat Diet-Induced Insulin Resistance in Male Mice. Endocrinology, 2014, 155, 2089-2101.	2.8	29
43	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.	8.3	29
44	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.	2.1	28
45	Leptin-like effects of MTII are augmented in MSG-obese rats. Regulatory Peptides, 2005, 127, 63-70.	1.9	26
46	Quercetin-3-O-β-d-glucuronide isolated from Polygonum aviculare inhibits cellular senescence in human primary cells. Archives of Pharmacal Research, 2014, 37, 1219-1233.	6.3	26
47	TLR2 deficiency attenuates skeletal muscle atrophy in mice. Biochemical and Biophysical Research Communications, 2015, 459, 534-540.	2.1	26
48	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.	7.7	25
49	Age-associated changes in fat metabolism in the rat and its relation to sympathetic activity. Life Sciences, 2006, 79, 2228-2233.	4.3	23
50	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.	1.4	23
51	COMP-angiopoietin-1 enhances skeletal muscle blood flow and insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E402-E409.	3.5	22
52	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.	2.5	22
53	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.	2.1	21
54	Inhibitory effects of (â^')-loliolide on cellular senescence in human dermal fibroblasts. Archives of Pharmacal Research, 2015, 38, 876-884.	6.3	21

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55	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.	2.5	21
56	Isolation and Characterization of Compounds from Glycyrrhiza uralensis as Therapeutic Agents for the Muscle Disorders. International Journal of Molecular Sciences, 2021, 22, 876.	4.1	21
57	Deficiency of inducible nitric oxide synthase attenuates immobilization-induced skeletal muscle atrophy in mice. Journal of Applied Physiology, 2012, 113, 114-123.	2.5	20
58	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.	2.5	19
59	Lack of inducible nitric oxide synthase does not prevent aging-associated insulin resistance. Experimental Gerontology, 2010, 45, 711-718.	2.8	19
60	Inducible Nitric Oxide Synthase Deficiency in Myeloid Cells Does Not Prevent Diet-Induced Insulin Resistance. Molecular Endocrinology, 2010, 24, 1413-1422.	3.7	19
61	Myostatin and its Regulation: A Comprehensive Review of Myostatin Inhibiting Strategies. Frontiers in Physiology, 0, 13, .	2.8	19
62	ATP-Sensitive Potassium Channel-Deficient Mice Show Hyperphagia but Are Resistant to Obesity. Diabetes and Metabolism Journal, 2011, 35, 219.	4.7	18
63	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.	2.5	18
64	AMPK induces MUC5B expression via p38 MAPK in NCI-H292 airway epithelial cells. Biochemical and Biophysical Research Communications, 2011, 409, 669-674.	2.1	17
65	Hemin, heme oxygenase-1 inducer, attenuates immobilization-induced skeletal muscle atrophy in mice. Life Sciences, 2013, 92, 740-746.	4.3	17
66	Interleukin-10 deficiency aggravates angiotensin II-induced cardiac remodeling in mice. Life Sciences, 2016, 146, 214-221.	4.3	17
67	Effect of High Fat Diet on Insulin Resistance: Dietary Fat Versus Visceral Fat Mass. Journal of Korean Medical Science, 2001, 16, 386.	2.5	16
68	Hemin Improves Insulin Sensitivity in Skeletal Muscle in High Fat–Fed Mice. Journal of Pharmacological Sciences, 2014, 126, 115-125.	2.5	16
69	Hepatic expression of cytochrome P450 in Zucker diabetic fatty rats. Food and Chemical Toxicology, 2016, 96, 244-253.	3.6	16
70	Inhibiting serotonin signaling through HTR2B in visceral adipose tissue improves obesity-related insulin resistance. Journal of Clinical Investigation, 2021, 131, .	8.2	16
71	Combined Treatment of Betulinic Acid, a PTP1B Inhibitor, with <i>Orthosiphon stamineus</i> Extract Decreases Body Weight in High-Fat–Fed Mice. Journal of Medicinal Food, 2013, 16, 2-8.	1.5	15
72	Transthyretin Maintains Muscle Homeostasis through the Novel Shuttle Pathway of Thyroid Hormones during Myoblast Differentiation. Cells, 2019, 8, 1565.	4.1	15

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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.	2.5	14
74	Efficient Delivery of Plasmid DNA Using Cholesterol-Based Cationic Lipids Containing Polyamines and Ether Linkages. International Journal of Molecular Sciences, 2014, 15, 7293-7312.	4.1	14
75	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.	3.6	14
76	Transthyretin: A Transporter Protein Essential for Proliferation of Myoblast in the Myogenic Program. International Journal of Molecular Sciences, 2017, 18, 115.	4.1	12
77	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.	4.6	12
78	Particulateâ€Based Singleâ€Dose Local Immunosuppressive Regimen for Inducing Tolerogenic Dendritic Cells in Xenogeneic Islet Transplantation. Advanced Healthcare Materials, 2021, 10, e2001157.	7.6	12
79	Synchronized Cell Cycle Arrest Promotes Osteoclast Differentiation. International Journal of Molecular Sciences, 2016, 17, 1292.	4.1	11
80	Can antioxidants be effective therapeutics for type 2 diabetes?. Yeungnam University Journal of Medicine, 2021, 38, 83-94.	1.4	11
81	Udenafil, a Phosphodiesterase 5 Inhibitor, Reduces Body Weight in High-Fat-Fed Mice. World Journal of Men?s Health, 2018, 36, 41.	3.3	10
82	Clusterin deficiency induces lipid accumulation and tissue damage in kidney. Journal of Endocrinology, 2018, 237, 175-191.	2.6	9
83	Inhibition of Inducible Nitric Oxide Synthase Attenuates Monosodium Urate-induced Inflammation in Mice. Korean Journal of Physiology and Pharmacology, 2011, 15, 363.	1.2	8
84	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.	2.0	8
85	Hexane Extract ofOrthosiphon stamineusInduces Insulin Expression and Prevents Glucotoxicity in INS-1 Cells. Diabetes and Metabolism Journal, 2015, 39, 51.	4.7	8
86	Methionine sulfoxide reductase B1 deficiency does not increase high-fat diet-induced insulin resistance in mice. Free Radical Research, 2017, 51, 24-37.	3.3	8
87	Effect of Epigallocatechin-3-Gallate on PMA-Induced MUC5B Expression in Human Airway Epithelial Cells. Clinical and Experimental Otorhinolaryngology, 2013, 6, 237.	2.1	8
88	Effect of Different Bone Substitutes on the Concentration of Growth Factors in Platelet-rich Plasma. Journal of Biomaterials Applications, 2008, 22, 545-557.	2.4	7
89	Deficiency of iNOS Does Not Prevent Isoproterenol-induced Cardiac Hypertrophy in Mice. Korean Journal of Physiology and Pharmacology, 2009, 13, 153.	1.2	7
90	FMK, an Inhibitor of p90RSK, Inhibits High Glucose-Induced TXNIP Expression via Regulation of ChREBP in Pancreatic β Cells. International Journal of Molecular Sciences, 2019, 20, 4424.	4.1	7

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91	MIF1 and MIF2 Myostatin Peptide Inhibitors as Potent Muscle Mass Regulators. International Journal of Molecular Sciences, 2022, 23, 4222.	4.1	7
92	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
93	Elicitor treatment potentiates the preventive effect of Saururus chinensis leaves on stress-induced gastritis. Applied Biological Chemistry, 2018, 61, 423-431.	1.9	6
94	Methionine sulfoxide reductase B3 deficiency inhibits the development of diet-induced insulin resistance in mice. Redox Biology, 2021, 38, 101823.	9.0	6
95	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.	2.7	5
96	Beta-lapachone attenuates immobilization-induced skeletal muscle atrophy in mice. Experimental Gerontology, 2019, 126, 110711.	2.8	5
97	Effect of Geranium Essential Oil on Food Intake via Olfactory Stimulus. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 766.	0.2	5
98	Epac2a-knockout mice are resistant to dexamethasone-induced skeletal muscle atrophy and short-term cold stress. BMB Reports, 2018, 51, 39-44.	2.4	5
99	Characterization of adipose depot-specific stromal cell populations by single-cell mass cytometry. IScience, 2022, 25, 104166.	4.1	5
100	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.	0.1	4
101	Regulating Hypothalamus Gene Expression in Food Intake: Dietary Composition or Calorie Density?. Diabetes and Metabolism Journal, 2017, 41, 121.	4.7	4
102	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
103	Motor Control Via Spared Peri-infarct Corticospinal Tract in Patients With Pontine Infarct. Journal of Computer Assisted Tomography, 2008, 32, 159-162.	0.9	3
104	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
105	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.	0.9	3
106	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.	2.0	3
107	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.	2.1	2
108	Change in activity of the sympathetic nervous system in diet-induced obese rats. Journal of Korean Medical Science, 2000, 15, 635.	2.5	1

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109	Naloxone Increases the Anorexic Effect of MTII in OLETF Rats. Journal of Korean Endocrine Society, 2008, 23, 18.	0.1	1
110	An Analysis on Distribution of Handgrip Strength and Associated Factors in Korean Adults. Korean Journal of Clinical Pharmacy, 2021, 31, 231-236.	0.3	1
111	Effect of High Glucose on MUC5B Expression in Human Airway Epithelial Cells. Clinical and Experimental Otorhinolaryngology, 2017, 10, 77-84.	2.1	1
112	Journal title changes from Yeungnam University Journal of Medicine to Journal of Yeungnam Medical Science. , 2022, 39, 1-2.		1
113	Drug-Induced Vitamin Deficiency. , 2022, 14, 20-31.		1
114	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.	4.7	0
115	Lidocaine Instilled into the Endotracheal Tube Suppresses the Cough Reflex during Emergence and Extubation. Daehan Macwi'gwa Haghoeji, 2002, 42, 36.	0.2	0
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, .	3.3	0
118	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.	3.3	0