

# Yong-Woon Kim

## List of Publications by Year in descending order

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50  
papers

1,020  
citations

516561

16  
h-index

434063

31  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin Restores Leptin Sensitivity in High-Fat-Fed Obese Rats With Leptin Resistance. <i>Diabetes</i> , 2006, 55, 716-724.	0.3	130
2	AMP-Activated Protein Kinase Activation by 5-Aminoimidazole-4-carboxamide-1- $\beta$ -D-ribofuranoside (AICAR) Inhibits Palmitate-Induced Endothelial Cell Apoptosis Through Reactive Oxygen Species Suppression. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 394-403.	1.1	88
3	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. <i>Journal of Endocrinology</i> , 2010, 207, 35-44.	1.2	83
4	AMPK activator, AICAR, inhibits palmitate-induced apoptosis in osteoblast. <i>Bone</i> , 2008, 43, 394-404.	1.4	80
5	Fibromodulin: a master regulator of myostatin controlling progression of satellite cells through a myogenic program. <i>FASEB Journal</i> , 2016, 30, 2708-2719.	0.2	63
6	Metformin prevents glucotoxicity by alleviating oxidative and ER stress-induced CD36 expression in pancreatic beta cells. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 21-30.	1.2	50
7	Time-Course Changes of Hormones and Cytokines by Lipopolysaccharide and Its Relation with Anorexia. <i>Journal of Physiological Sciences</i> , 2007, 57, 159-165.	0.9	46
8	Surgical removal of visceral fat decreases plasma free fatty acid and increases insulin sensitivity on liver and peripheral tissue in monosodium glutamate (MSG)-obese rats. <i>Journal of Korean Medical Science</i> , 1999, 14, 539.	1.1	44
9	Obesity and Erectile Dysfunction: From Bench to Clinical Implication. <i>World Journal of Men's Health</i> , 2019, 37, 138.	1.7	40
10	Metformin Restores the Penile Expression of Nitric Oxide Synthase in High-Fat-Fed Obese Rats. <i>Journal of Andrology</i> , 2007, 28, 555-560.	2.0	34
11	Inhibition of fatty acid translocase cluster determinant 36 (CD36), stimulated by hyperglycemia, prevents glucotoxicity in INS-1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 462-466.	1.0	28
12	A Protective Role for Heme Oxygenase-1 in INS-1 Cells and Rat Islets that are Exposed to High Glucose Conditions. <i>Journal of Korean Medical Science</i> , 2006, 21, 418.	1.1	27
13	Leptin-like effects of MTII are augmented in MSG-obese rats. <i>Regulatory Peptides</i> , 2005, 127, 63-70.	1.9	26
14	TLR2 deficiency attenuates skeletal muscle atrophy in mice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 534-540.	1.0	26
15	Effects of BCG, lymphotoxin and bee venom on insulinitis and development of IDDM in non-obese diabetic mice. <i>Journal of Korean Medical Science</i> , 1999, 14, 648.	1.1	19
16	Delphinidin prevents high glucose-induced cell proliferation and collagen synthesis by inhibition of NOX-1 and mitochondrial superoxide in mesangial cells. <i>Journal of Pharmacological Sciences</i> , 2016, 130, 235-243.	1.1	18
17	Effect of High Fat Diet on Insulin Resistance: Dietary Fat Versus Visceral Fat Mass. <i>Journal of Korean Medical Science</i> , 2001, 16, 386.	1.1	16
18	Effects of hypoxia/ischemia on catabolic mediators of cartilage in a human chondrocyte, SW1353. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 478-483.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Mitochondrial TFAM as a Signaling Regulator between Cellular Organelles: A Perspective on Metabolic Diseases. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 853-865.	1.8	16
20	Repeated fasting/refeeding elevates plasma leptin without increasing fat mass in rats. <i>Physiology and Behavior</i> , 2003, 78, 459-464.	1.0	15
21	Transthyretin Maintains Muscle Homeostasis through the Novel Shuttle Pathway of Thyroid Hormones during Myoblast Differentiation. <i>Cells</i> , 2019, 8, 1565.	1.8	15
22	Effects of phlorizin and acipimox on insulin resistance in STZ-diabetic rats. <i>Journal of Korean Medical Science</i> , 1995, 10, 24.	1.1	12
23	Transthyretin: A Transporter Protein Essential for Proliferation of Myoblast in the Myogenic Program. <i>International Journal of Molecular Sciences</i> , 2017, 18, 115.	1.8	12
24	Selenoprotein W deficiency does not affect oxidative stress and insulin sensitivity in the skeletal muscle of high-fat diet-fed obese mice. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C1172-C1182.	2.1	12
25	Age-related NADPH Oxidase (arNOX) Activity Correlated with Cartilage Degradation and Bony Changes in Age-related Osteoarthritis. <i>Journal of Korean Medical Science</i> , 2015, 30, 1246.	1.1	10
26	Udenafil, a Phosphodiesterase 5 Inhibitor, Reduces Body Weight in High-Fat-Fed Mice. <i>World Journal of Men's Health</i> , 2018, 36, 41.	1.7	10
27	The Glucotoxicity Protecting Effect of Ezetimibe in Pancreatic Beta Cells via Inhibition of CD36. <i>Journal of Korean Medical Science</i> , 2016, 31, 547.	1.1	9
28	Clusterin deficiency induces lipid accumulation and tissue damage in kidney. <i>Journal of Endocrinology</i> , 2018, 237, 175-191.	1.2	9
29	Hexane Extract of <i>Orthosiphon stamineus</i> Induces Insulin Expression and Prevents Glucotoxicity in INS-1 Cells. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 51.	1.8	8
30	Methionine sulfoxide reductase B1 deficiency does not increase high-fat diet-induced insulin resistance in mice. <i>Free Radical Research</i> , 2017, 51, 24-37.	1.5	8
31	PPAR $\gamma$ Attenuates Alcohol-Mediated Insulin Resistance by Enhancing Fatty Acid-Induced Mitochondrial Uncoupling and Antioxidant Defense in Skeletal Muscle. <i>Frontiers in Physiology</i> , 2020, 11, 749.	1.3	8
32	Effect of Epigallocatechin-3-Gallate on PMA-Induced MUC5B Expression in Human Airway Epithelial Cells. <i>Clinical and Experimental Otorhinolaryngology</i> , 2013, 6, 237.	1.1	8
33	Nutritional regulation of renal lipogenic factor expression in mice: comparison to regulation in the liver and skeletal muscle. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F887-F898.	1.3	5
34	Effect of Geranium Essential Oil on Food Intake via Olfactory Stimulus. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2011, 54, 766.	0.0	5
35	Regulating Hypothalamus Gene Expression in Food Intake: Dietary Composition or Calorie Density?. <i>Diabetes and Metabolism Journal</i> , 2017, 41, 121.	1.8	4
36	Effect of Betulinic Acid on MUC5AC and MUC5B Expression in Airway Epithelial Cells. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2014, 57, 526.	0.0	4

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37	The Effect of Leptin Level Fluctuations by a Repeated Fasting/Refeeding on the Leptin Sensitivity in OLETF Rats. <i>Journal of Korean Endocrine Society</i> , 2008, 23, 310.	0.1	4
38	Beneficial effects of intermittent fasting: a narrative review. , 2023, 40, 4-11.		3
39	Peroxiredoxin 2 deficiency does not affect insulin resistance and oxidative stress in high-fat diet-fed obese mice. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 859-868.	1.0	2
40	Leptin Resistance. <i>Journal of Korean Endocrine Society</i> , 2007, 22, 311.	0.1	2
41	Effect of Hyperglycemia and Hyperlipidemia on Cardiac Muscle Glycogen Usage during Exercise in Rats. <i>Yeungnam University Journal of Medicine</i> , 1998, 15, 29.	0.1	1
42	Change in activity of the sympathetic nervous system in diet-induced obese rats. <i>Journal of Korean Medical Science</i> , 2000, 15, 635.	1.1	1
43	Naloxone Increases the Anorexic Effect of MTII in OLETF Rats. <i>Journal of Korean Endocrine Society</i> , 2008, 23, 18.	0.1	1
44	Effects of porcine testis extract on wound healing in rat. <i>Animal Cells and Systems</i> , 2012, 16, 469-478.	0.8	1
45	Effect of High Glucose on MUC5B Expression in Human Airway Epithelial Cells. <i>Clinical and Experimental Otorhinolaryngology</i> , 2017, 10, 77-84.	1.1	1
46	Effect of Acutely Increased Glucose Uptake on Insulin Sensitivity in Rats. <i>Yeungnam University Journal of Medicine</i> , 1997, 14, 53.	0.1	0
47	Response: Regulating Hypothalamus Gene Expression in Food Intake: Dietary Composition or Calorie Density? ( <i>Diabetes Metab J</i> 2017;41:121-7). <i>Diabetes and Metabolism Journal</i> , 2017, 41, 225.	1.8	0
48	Effects of Metformin on Penile Expression of Nitric Oxide Synthase in OLETF Rats. <i>Korean Journal of Urology</i> , 2009, 50, 179.	1.2	0
49	Effects of Regular Treadmill Running on GLUT4 Protein of Skeletal Muscle in STZ-diabetic Rats. <i>Yeungnam University Journal of Medicine</i> , 1998, 15, 341.	0.1	0
50	Obesity and Erectile Dysfunction: From Bench to Clinical Implication. <i>World Journal of Men's Health</i> , 0, 36, .	1.7	0