

Joo Young Huh

List of Publications by Year in descending order

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28
papers

2,898
citations

516681

16
h-index

552766

26
g-index

28
all docs

28
docs citations

28
times ranked

3870
citing authors

#	ARTICLE	IF	CITATIONS
1	FNDC5 and irisin in humans: I. Predictors of circulating concentrations in serum and plasma and II. mRNA expression and circulating concentrations in response to weight loss and exercise. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1725-1738.	3.4	812
2	Circulating Irisin in Relation to Insulin Resistance and the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4899-4907.	3.6	409
3	Physiology and role of irisin in glucose homeostasis. <i>Nature Reviews Endocrinology</i> , 2017, 13, 324-337.	9.6	403
4	Exercise-Induced Irisin Secretion Is Independent of Age or Fitness Level and Increased Irisin May Directly Modulate Muscle Metabolism Through AMPK Activation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2154-E2161.	3.6	263
5	The role of exercise-induced myokines in regulating metabolism. <i>Archives of Pharmacal Research</i> , 2018, 41, 14-29.	6.3	175
6	Irisin in Response to Exercise in Humans With and Without Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E453-E457.	3.6	150
7	Catalase Deficiency Accelerates Diabetic Renal Injury Through Peroxisomal Dysfunction. <i>Diabetes</i> , 2012, 61, 728-738.	0.6	143
8	Peroxiredoxin 3 Is a Key Molecule Regulating Adipocyte Oxidative Stress, Mitochondrial Biogenesis, and Adipokine Expression. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 229-243.	5.4	134
9	Irisin in response to acute and chronic whole-body vibration exercise in humans. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 918-921.	3.4	86
10	Irisin Exerts Inhibitory Effect on Adipogenesis Through Regulation of Wnt Signaling. <i>Frontiers in Physiology</i> , 2019, 10, 1085.	2.8	37
11	Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2. <i>Cells</i> , 2021, 10, 3306.	4.1	36
12	8-Hydroxy-2-deoxyguanosine prevents plaque formation and inhibits vascular smooth muscle cell activation through Rac1 inactivation. <i>Free Radical Biology and Medicine</i> , 2012, 53, 109-121.	2.9	29
13	Exercise Inhibits NLRP3 Inflammasome Activation in Obese Mice via the Anti-Inflammatory Effect of Meteorin-like. <i>Cells</i> , 2021, 10, 3480.	4.1	29
14	A novel plasminogen activator inhibitor-1 inhibitor, TM5441, protects against high-fat diet-induced obesity and adipocyte injury in mice. <i>British Journal of Pharmacology</i> , 2016, 173, 2622-2632.	5.4	27
15	Fibroblast growth factor 2 exacerbates inflammation in adipocytes through NLRP3 inflammasome activation. <i>Archives of Pharmacal Research</i> , 2020, 43, 1311-1324.	6.3	26
16	Irisin physiology, oxidative stress, and thyroid dysfunction: What next?. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 765-767.	3.4	24
17	Identification and Saturable Nature of Signaling Pathways Induced by Metreleptin in Humans: Comparative Evaluation of In Vivo, Ex Vivo, and In Vitro Administration. <i>Diabetes</i> , 2015, 64, 828-839.	0.6	18
18	Glucose-Based Peritoneal dialysis solution suppresses adiponectin synthesis through oxidative stress in an experimental model of peritoneal dialysis. <i>Peritoneal Dialysis International</i> , 2012, 32, 20-28.	2.3	16

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19	8-Hydroxy-2-deoxyguanosine ameliorates high-fat diet-induced insulin resistance and adipocyte dysfunction in mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 890-896.	2.1	16
20	Associations of Circulating Irisin with FNDC5 Expression in Fat and Muscle in Type 1 and Type 2 Diabetic Mice. <i>Biomolecules</i> , 2021, 11, 322.	4.0	13
21	The effects of phenolic glycosides from <i>Betula platyphylla</i> var. <i>japonica</i> on adipocyte differentiation and mature adipocyte metabolism. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1167-1173.	5.2	11
22	Integrative Omics Reveals Metabolic and Transcriptomic Alteration of Nonalcoholic Fatty Liver Disease in Catalase Knockout Mice. <i>Biomolecules and Therapeutics</i> , 2019, 27, 134-144.	2.4	11
23	Network-based integrated analysis of omics data reveal novel players of TGF- β 1-induced EMT in human peritoneal mesothelial cells. <i>Scientific Reports</i> , 2019, 9, 1497.	3.3	10
24	Bio-transformation of green tea infusion with tannase and its improvement on adipocyte metabolism. <i>Enzyme and Microbial Technology</i> , 2020, 135, 109496.	3.2	8
25	Circulating Irisin Levels Are Not Affected by Coffee Intake: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2014, 9, e94463.	2.5	7
26	The Effects of Triterpenoid Saponins from the Seeds of <i>Momordica cochinchinensis</i> on Adipocyte Differentiation and Mature Adipocyte Inflammation. <i>Plants</i> , 2020, 9, 984.	3.5	5
27	Antifibrotic effect of globular adiponectin in human hepatocyte. <i>FASEB Journal</i> , 2008, 22, 978.11.	0.5	0
28	Responses of circulating irisin to different exercises in humans. <i>FASEB Journal</i> , 2013, 27, 712.17.	0.5	0