

# Joo Young Huh

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

2,082

citations

13

h-index

28

g-index

28

ext. papers

2,517

ext. citations

5.6

avg, IF

5.12

L-index

#	Paper	IF	Citations
26	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> , <b>2012</b> , 61, 1725-38	12.7	631
25	Circulating irisin in relation to insulin resistance and the metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 4899-907	5.6	318
24	Physiology and role of irisin in glucose homeostasis. <i>Nature Reviews Endocrinology</i> , <b>2017</b> , 13, 324-337	15.2	259
23	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> , <b>2014</b> , 99, E2154-61	5.6	193
22	Catalase deficiency accelerates diabetic renal injury through peroxisomal dysfunction. <i>Diabetes</i> , <b>2012</b> , 61, 728-38	0.9	120
21	Peroxiredoxin 3 is a key molecule regulating adipocyte oxidative stress, mitochondrial biogenesis, and adipokine expression. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 16, 229-43	8.4	114
20	Irisin in response to exercise in humans with and without metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E453-7	5.6	109
19	The role of exercise-induced myokines in regulating metabolism. <i>Archives of Pharmacal Research</i> , <b>2018</b> , 41, 14-29	6.1	100
18	Irisin in response to acute and chronic whole-body vibration exercise in humans. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 918-21	12.7	62
17	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> , <b>2016</b> , 173, 2622-32	8.6	22
16	8-Hydroxy-2-deoxyguanosine prevents plaque formation and inhibits vascular smooth muscle cell activation through Rac1 inactivation. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 109-21	7.8	21
15	Irisin Exerts Inhibitory Effect on Adipogenesis Through Regulation of Wnt Signaling. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1085	4.6	17
14	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> , <b>2015</b> , 64, 828-39	0.9	13
13	Glucose-based peritoneal dialysis solution suppresses adiponectin synthesis through oxidative stress in an experimental model of peritoneal dialysis. <i>Peritoneal Dialysis International</i> , <b>2012</b> , 32, 20-8	2.8	13
12	8-Hydroxy-2-deoxyguanosine ameliorates high-fat diet-induced insulin resistance and adipocyte dysfunction in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 491, 890-896	3.4	12
11	Fibroblast growth factor 2 exacerbates inflammation in adipocytes through NLRP3 inflammasome activation. <i>Archives of Pharmacal Research</i> , <b>2020</b> , 43, 1311-1324	6.1	12
10	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> , <b>2018</b> , 33, 1167-1173	5.6	9

9	Circulating irisin levels are not affected by coffee intake: a randomized controlled trial. <i>PLoS ONE</i> , <b>2014</b> , 9, e94463	3.7	7
8	Network-based integrated analysis of omics data reveal novel players of TGF- $\beta$ -induced EMT in human peritoneal mesothelial cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 1497	4.9	7
7	Integrative Omics Reveals Metabolic and Transcriptomic Alteration of Nonalcoholic Fatty Liver Disease in Catalase Knockout Mice. <i>Biomolecules and Therapeutics</i> , <b>2019</b> , 27, 134-144	4.2	6
6	Associations of Circulating Irisin with FNDC5 Expression in Fat and Muscle in Type 1 and Type 2 Diabetic Mice. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	6
5	Exercise Inhibits NLRP3 Inflammasome Activation in Obese Mice via the Anti-Inflammatory Effect of Meteorin-like.. <i>Cells</i> , <b>2021</b> , 10,	7.9	4
4	Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2.. <i>Cells</i> , <b>2021</b> , 10,	7.9	4
3	Bio-transformation of green tea infusion with tannase and its improvement on adipocyte metabolism. <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 135, 109496	3.8	4
2	Antifibrotic effect of globular adiponectin in human hepatocyte. <i>FASEB Journal</i> , <b>2008</b> , 22, 978.11	0.9	
1	Responses of circulating irisin to different exercises in humans. <i>FASEB Journal</i> , <b>2013</b> , 27, 712.17	0.9	