

# Jeong-sun Ju

## 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.

21  
papers

1,529  
citations

16  
h-index

21  
g-index

21  
ext. papers

1,645  
ext. citations

8  
avg, IF

4.27  
L-index

#	Paper	IF	Citations
21	Valosin-containing protein (VCP) is required for autophagy and is disrupted in VCP disease. <i>Journal of Cell Biology</i> , <b>2009</b> , 187, 875-88	7.3	393
20	Skeletal muscle respiratory uncoupling prevents diet-induced obesity and insulin resistance in mice. <i>Nature Medicine</i> , <b>2000</b> , 6, 1115-20	50.5	248
19	Quantitation of "autophagic flux" in mature skeletal muscle. <i>Autophagy</i> , <b>2010</b> , 6, 929-35	10.2	165
18	Inclusion body myopathy, Paget's disease of the bone and fronto-temporal dementia: a disorder of autophagy. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, R38-45	5.6	115
17	Impaired protein aggregate handling and clearance underlie the pathogenesis of p97/VCP-associated disease. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 30289-99	5.4	106
16	Autophagy plays a role in skeletal muscle mitochondrial biogenesis in an endurance exercise-trained condition. <i>Journal of Physiological Sciences</i> , <b>2016</b> , 66, 417-30	2.3	73
15	Myosin binding protein C1: a novel gene for autosomal dominant distal arthrogyrosis type 1. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 1165-73	5.6	71
14	p97/VCP at the intersection of the autophagy and the ubiquitin proteasome system. <i>Autophagy</i> , <b>2010</b> , 6, 283-5	10.2	64
13	mTOR dysfunction contributes to vacuolar pathology and weakness in valosin-containing protein associated inclusion body myopathy. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 1167-79	5.6	49
12	UCP-mediated energy depletion in skeletal muscle increases glucose transport despite lipid accumulation and mitochondrial dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E347-53	6	44
11	Quantitation of selective autophagic protein aggregate degradation in vitro and in vivo using luciferase reporters. <i>Autophagy</i> , <b>2009</b> , 5, 511-9	10.2	41
10	Potentiation of insulin-stimulated glucose transport by the AMP-activated protein kinase. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C564-72	5.4	39
9	Creatine feeding increases GLUT4 expression in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 288, E347-52	6	37
8	Quantification of autophagy flux using LC3 ELISA. <i>Analytical Biochemistry</i> , <b>2017</b> , 530, 57-67	3.1	35
7	Muscle contractions, AICAR, and insulin cause phosphorylation of an AMPK-related kinase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 289, E986-92	6	20
6	Levodopa with carbidopa diminishes glycogen concentration, glycogen synthase activity, and insulin-stimulated glucose transport in rat skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 2339-46	3.7	16
5	Comparisons of ELISA and Western blot assays for detection of autophagy flux. <i>Data in Brief</i> , <b>2017</b> , 13, 696-699	1.2	5

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| 4 | Measurement of autophagy flux in benign prostatic hyperplasia in vitro. <i>Prostate International</i> , <b>2020</b> , 8, 70-77              | 3-4 | 3 |
| 3 | Resistance Training Ameliorates Finasteride-Induced Disturbance in Protein Homeostasis in Skeletal Muscle of Rats <b>2019</b> , 28, 159-167 |     | 3 |
| 2 | Autophagy Flux Is Decreased in Response to Endurance Exercise Training in Aged Mouse Skeletal Muscle <b>2016</b> , 25, 50-59                |     | 2 |
| 1 | The Effects of 8-Week Endurance Training on Prostatic Autophagy and Benign Prostatic Hyperplasia of Rats <b>2019</b> , 28, 270-279          |     |   |