

# Jeong-sun Ju

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,764  
citations

516215

16  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

5254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Valosin-containing protein (VCP) is required for autophagy and is disrupted in VCP disease. <i>Journal of Cell Biology</i> , 2009, 187, 875-888.	2.3	444
2	Skeletal muscle respiratory uncoupling prevents diet-induced obesity and insulin resistance in mice. <i>Nature Medicine</i> , 2000, 6, 1115-1120.	15.2	280
3	Quantitation of "autophagic flux" in mature skeletal muscle. <i>Autophagy</i> , 2010, 6, 929-935.	4.3	188
4	Inclusion body myopathy, Paget's disease of the bone and fronto-temporal dementia: a disorder of autophagy. <i>Human Molecular Genetics</i> , 2010, 19, R38-R45.	1.4	129
5	Impaired Protein Aggregate Handling and Clearance Underlie the Pathogenesis of p97/VCP-associated Disease. <i>Journal of Biological Chemistry</i> , 2008, 283, 30289-30299.	1.6	126
6	Autophagy plays a role in skeletal muscle mitochondrial biogenesis in an endurance exercise-trained condition. <i>Journal of Physiological Sciences</i> , 2016, 66, 417-430.	0.9	95
7	Myosin binding protein C1: a novel gene for autosomal dominant distal arthrogryposis type 1. <i>Human Molecular Genetics</i> , 2010, 19, 1165-1173.	1.4	91
8	p97/VCP at the intersection of the autophagy and the ubiquitin proteasome system. <i>Autophagy</i> , 2010, 6, 283-285.	4.3	68
9	mTOR dysfunction contributes to vacuolar pathology and weakness in valosin-containing protein associated inclusion body myopathy. <i>Human Molecular Genetics</i> , 2013, 22, 1167-1179.	1.4	58
10	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> , 2004, 286, E347-E353.	1.8	49
11	Creatine feeding increases GLUT4 expression in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E347-E352.	1.8	48
12	Quantification of autophagy flux using LC3 ELISA. <i>Analytical Biochemistry</i> , 2017, 530, 57-67.	1.1	43
13	Potential of insulin-stimulated glucose transport by the AMP-activated protein kinase. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C564-C572.	2.1	41
14	Quantitation of selective autophagic protein aggregate degradation in vitro and in vivo using luciferase reporters. <i>Autophagy</i> , 2009, 5, 511-519.	4.3	41
15	Muscle contractions, AICAR, and insulin cause phosphorylation of an AMPK-related kinase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E986-E992.	1.8	24
16	Levodopa with carbidopa diminishes glycogen concentration, glycogen synthase activity, and insulin-stimulated glucose transport in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2004, 97, 2339-2346.	1.2	18
17	Comparisons of ELISA and Western blot assays for detection of autophagy flux. <i>Data in Brief</i> , 2017, 13, 696-699.	0.5	8
18	Measurement of autophagy flux in benign prostatic hyperplasia in vitro. <i>Prostate International</i> , 2020, 8, 70-77.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Resistance Training Ameliorates Finasteride-Induced Disturbance in Protein Homeostasis in Skeletal Muscle of Rats. <i>Exercise Science</i> , 2019, 28, 159-167.	0.1	3
20	Autophagy Flux Is Decreased in Response to Endurance Exercise Training in Aged Mouse Skeletal Muscle. <i>Exercise Science</i> , 2016, 25, 50-59.	0.1	2
21	The Effects of 8-Week Endurance Training on Prostatic Autophagy and Benign Prostatic Hyperplasia of Rats. <i>Exercise Science</i> , 2019, 28, 270-279.	0.1	0