

Jae-Sung You

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,333
citations

430442

18
h-index

676716

22
g-index

26
all docs

26
docs citations

26
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy-dependent regulation of skeletal muscle regeneration and strength by a RHOGEF. <i>Autophagy</i> , 2021, 17, 1044-1045.	4.3	8
2	mTORC1 mediates fiber type-specific regulation of protein synthesis and muscle size during denervation. <i>Cell Death Discovery</i> , 2021, 7, 74.	2.0	20
3	A non-translational role of threonyl-tRNA synthetase in regulating JNK signaling during myogenic differentiation. <i>FASEB Journal</i> , 2021, 35, e21948.	0.2	5
4	ARHGEF3 Regulates Skeletal Muscle Regeneration and Strength through Autophagy. <i>Cell Reports</i> , 2021, 34, 108594.	2.9	24
5	Ageing Does Not Exacerbate Muscle Loss During Denervation and Lends Unique Muscle-Specific Atrophy Resistance With Akt Activation. <i>Frontiers in Physiology</i> , 2021, 12, 779547.	1.3	3
6	The role of raptor in the mechanical load-induced regulation of mTOR signaling, protein synthesis, and skeletal muscle hypertrophy. <i>FASEB Journal</i> , 2019, 33, 4021-4034.	0.2	110
7	Nontranslational function of leucyl-tRNA synthetase regulates myogenic differentiation and skeletal muscle regeneration. <i>Journal of Clinical Investigation</i> , 2019, 129, 2088-2093.	3.9	22
8	A DGK β -FoxO-ubiquitin proteolytic axis controls fiber size during skeletal muscle remodeling. <i>Science Signaling</i> , 2018, 11, .	1.6	34
9	A map of the phosphoproteomic alterations that occur after a bout of maximal-intensity contractions. <i>Journal of Physiology</i> , 2017, 595, 5209-5226.	1.3	70
10	Identification of mechanically regulated phosphorylation sites on tuberin (TSC2) that control mechanistic target of rapamycin (mTOR) signaling. <i>Journal of Biological Chemistry</i> , 2017, 292, 6987-6997.	1.6	25
11	Insights into the role and regulation of TCTP in skeletal muscle. <i>Oncotarget</i> , 2017, 8, 18754-18772.	0.8	21
12	Yes-Associated Protein is up-regulated by mechanical overload and is sufficient to induce skeletal muscle hypertrophy. <i>FEBS Letters</i> , 2015, 589, 1491-1497.	1.3	82
13	The role of mTOR signaling in the regulation of protein synthesis and muscle mass during immobilization in mice. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 1059-1069.	1.2	108
14	G protein-coupled receptor 56 regulates mechanical overload-induced muscle hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15756-15761.	3.3	95
15	Lipid domain-dependent regulation of single-cell wound repair. <i>Molecular Biology of the Cell</i> , 2014, 25, 1867-1876.	0.9	59
16	The Role of Diacylglycerol Kinase β and Phosphatidic Acid in the Mechanical Activation of Mammalian Target of Rapamycin (mTOR) Signaling and Skeletal Muscle Hypertrophy. <i>Journal of Biological Chemistry</i> , 2014, 289, 1551-1563.	1.6	129
17	Eccentric contractions increase the phosphorylation of tuberous sclerosis complex 2 (TSC2) and alter the targeting of TSC2 and the mechanistic target of rapamycin to the lysosome. <i>Journal of Physiology</i> , 2013, 591, 4611-4620.	1.3	76
18	Mechanical Stimulation Induces mTOR Signaling via an ERK-Independent Mechanism: Implications for a Direct Activation of mTOR by Phosphatidic Acid. <i>PLoS ONE</i> , 2012, 7, e47258.	1.1	72

#	ARTICLE	IF	CITATIONS
19	The role of skeletal muscle mTOR in the regulation of mechanical load-induced growth. <i>Journal of Physiology</i> , 2011, 589, 5485-5501.	1.3	238
20	Macrophage-Specific Expression of Urokinase-Type Plasminogen Activator Promotes Skeletal Muscle Regeneration. <i>Journal of Immunology</i> , 2011, 187, 1448-1457.	0.4	37
21	The Role of mTOR in Mechanical Load Induced Skeletal Muscle Hypertrophy and Hyperplasia. <i>FASEB Journal</i> , 2011, 25, 1105.1.	0.2	0
22	Dietary fish oil inhibits the early stage of recovery of atrophied soleus muscle in rats via Akt-p70s6k signaling and PGF 2α . <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 929-934.	1.9	19
23	Dietary fish oil alleviates soleus atrophy during immobilization in association with Akt signaling to p70s6k and E3 ubiquitin ligases in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 310-318.	0.9	76
24	A Novel DGKK-FoxO-Ubiquitin Proteolytic Axis Controls Fiber Size During Skeletal Muscle Remodeling. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0