Zhenji Gan

List of Publications by Year
in descending order

22	1,138	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	1801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nuclear receptor/microRNA circuitry links muscle fiber type to energy metabolism. Journal of Clinical Investigation, 2013, 123, 2564-2575.	8.2	170
2	Skeletal muscle mitochondrial remodeling in exercise and diseases. Cell Research, 2018, 28, 969-980.	12.0	151
3	The nuclear receptor PPARÎ²/Î´ programs muscle glucose metabolism in cooperation with AMPK and MEF2. Genes and Development, 2011, 25, 2619-2630.	5.9	122
4	Mitochondrion-targeted platinum complexes suppressing lung cancer through multiple pathways involving energy metabolism. Chemical Science, 2019, 10, 3089-3095.	7.4	119
5	Mitophagy Directs Muscle-Adipose Crosstalk to Alleviate Dietary Obesity. Cell Reports, 2018, 23, 1357-1372.	6.4	94
6	Coupling of mitochondrial function and skeletal muscle fiber type by a miRâ€499/Fnip1/ <scp>AMPK</scp> circuit. EMBO Molecular Medicine, 2016, 8, 1212-1228.	6.9	85
7	Simultaneously Inducing and Tracking Cancer Cell Metabolism Repression by Mitochondria-Immobilized Rhenium(I) Complex. ACS Applied Materials & Interfaces, 2017, 9, 13900-13912.	8.0	78
8	Exercise Inducible Lactate Dehydrogenase B Regulates Mitochondrial Function in Skeletal Muscle. Journal of Biological Chemistry, 2016, 291, 25306-25318.	3.4	66
9	Targeted reversal and phosphorescence lifetime imaging of cancer cell metabolism via a theranostic rhenium(I)-DCA conjugate. Biomaterials, 2018, 176, 94-105.	11.4	46
10	Coupling of COPII vesicle trafficking to nutrient availability by the IRE1Î±-XBP1s axis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11776-11785.	7.1	35
11	Disuse-associated loss of the protease LONP1 in muscle impairs mitochondrial function and causes reduced skeletal muscle mass and strength. Nature Communications, 2022, 13, 894.	12.8	35
12	Histone methyltransferase MLL4 controls myofiber identity and muscle performance through MEF2 interaction. Journal of Clinical Investigation, 2020, 130, 4710-4725.	8.2	24
13	IRE1Î± regulates skeletal muscle regeneration through myostatin mRNA decay. Journal of Clinical Investigation, 2021, 131, .	8.2	22
14	Transcriptional regulatory circuits controlling muscle fiber type switching. Science China Life Sciences, 2015, 58, 321-327.	4.9	17
15	AMPK-dependent and -independent coordination of mitochondrial function and muscle fiber type by FNIP1. PLoS Genetics, 2021, 17, e1009488.	3.5	16
16	Distant coupling between RNA editing and alternative splicing of the osmosensitive cation channel Tmem63b. Journal of Biological Chemistry, 2020, 295, 18199-18212.	3.4	14
17	Increased glycolysis in skeletal muscle coordinates with adipose tissue in systemic metabolic homeostasis. Journal of Cellular and Molecular Medicine, 2021, 25, 7840-7854.	3.6	11
18	Erythrocyte PUFAs, circulating acylcarnitines, and metabolic syndrome risk: a prospective study in Chinese. Journal of Lipid Research, 2019, 60, 421-429.	4.2	10

#	Article	IF	Citations
19	The intragenic microRNA miR199A1 in the dynamin 2 gene contributes to the pathology of X-linked centronuclear myopathy. Journal of Biological Chemistry, 2020, 295, 8656-8667.	3.4	10
20	FNIP1 regulates adipocyte browning and systemic glucose homeostasis in mice by shaping intracellular calcium dynamics. Journal of Experimental Medicine, 2022, 219, .	8.5	9
21	Mitochondrial quality orchestrates muscle-adipose dialog to alleviate dietary obesity. Pharmacological Research, 2019, 141, 176-180.	7.1	4
22	Comments on â€˜FNIP1 regulates adipocyte browning and systemic glucose homeostasis in mice by shaping intracellular calcium dynamicsâ€™. Journal of Molecular Cell Biology, 2022, , .	3.3	0