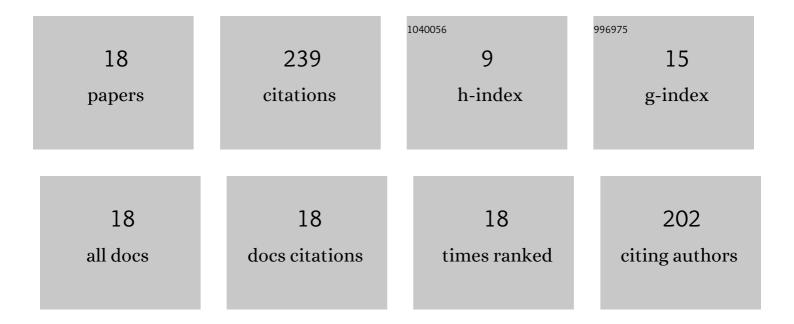
Shen-Hui Xu

List of Publications by Year in descending order

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SHEN-HIII XII

#	Article	IF	CITATIONS
1	Controllable oxidative stress and tissue specificity in major tissues during the torpor–arousal cycle in hibernating Daurian ground squirrels. Open Biology, 2018, 8, .	3.6	57
2	Novel findings on ultrastructural protection of skeletal muscle fibers during hibernation of Daurian ground squirrels: Mitochondria, nuclei, cytoskeleton, glycogen. Journal of Cellular Physiology, 2019, 234, 13318-13331.	4.1	20
3	Prosurvival roles mediated by the PERK signaling pathway effectively prevent excessive endoplasmic reticulum stressâ€induced skeletal muscle loss during highâ€stress conditions of hibernation. Journal of Cellular Physiology, 2019, 234, 19728-19739.	4.1	18
4	Priority Strategy of Intracellular Ca2+ Homeostasis in Skeletal Muscle Fibers during the Multiple Stresses of Hibernation. Cells, 2020, 9, 42.	4.1	18
5	iTRAQ-based proteomic analysis of myofibrillar contents and relevant synthesis and proteolytic proteins in soleus muscle of hibernating Daurian ground squirrels (Spermophilus dauricus). Proteome Science, 2016, 14, 16.	1.7	17
6	Remarkable plasticity of Na+, K+-ATPase, Ca2+-ATPase and SERCA contributes to muscle disuse atrophy resistance in hibernating Daurian ground squirrels. Scientific Reports, 2017, 7, 10509.	3.3	15
7	Proteomic analysis reveals the distinct energy and protein metabolism characteristics involved in myofiber type conversion and resistance of atrophy in the extensor digitorum longus muscle of hibernating Daurian ground squirrels. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics. 2018. 26. 20-31.	1.0	15
8	Unexpected regulation pattern of the IKKβ/NF-κB/MuRF1 pathway with remarkable muscle plasticity in the Daurian ground squirrel (Spermophilus dauricus). Journal of Cellular Physiology, 2018, 233, 8711-8722.	4.1	14
9	Remarkable Protective Effects of Nrf2-Mediated Antioxidant Enzymes and Tissue Specificity in Different Skeletal Muscles of Daurian Ground Squirrels Over the Torpor-Arousal Cycle. Frontiers in Physiology, 2019, 10, 1449.	2.8	13
10	Autophagy and Akt-mTOR signaling display periodic oscillations during torpor-arousal cycles in oxidative skeletal muscle of Daurian ground squirrels (Spermophilus dauricus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2020, 190, 113-123.	1.5	12
11	A dramatic blood plasticity in hibernating and 14-day hindlimb unloading Daurian ground squirrels (Spermophilus dauricus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 869-879.	1.5	9
12	A temporal study on musculoskeletal morphology and metabolism in hibernating Daurian ground squirrels (Spermophilus dauricus). Bone, 2021, 144, 115826.	2.9	9
13	Differential activation of the calpain system involved in individualized adaptation of different fast-twitch muscles in hibernating Daurian ground squirrels. Journal of Applied Physiology, 2019, 127, 328-341.	2.5	8
14	Regular alteration of protein glycosylation in skeletal muscles of hibernating Daurian ground squirrels (Spermophilus dauricus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 237, 110323.	1.6	4
15	Resistance to disuse-induced iron overload in Daurian ground squirrels (Spermophilus dauricus) during extended hibernation inactivity. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 257, 110650.	1.6	4
16	A Temporal Examination of Cytoplasmic Ca2 + Levels, Sarcoplasmic Reticulum Ca2 + Levels, and Ca2 + -Handling-Related Proteins in Different Skeletal Muscles of Hibernating Daurian Ground Squirrels. Frontiers in Physiology, 2020, 11, 562080.	2.8	2
17	Remarkable Homeostasis of Protein Sialylation in Skeletal Muscles of Hibernating Daurian Ground Squirrels (Spermophilus dauricus). Frontiers in Physiology, 2020, 11, 37.	2.8	2
18	Different fuel regulation in two types of myofiber results in different antioxidant strategies in Daurian ground squirrels (Spermophilus dauricus) during hibernation. Journal of Experimental Biology, 2021, 224, .	1.7	2