

# Joachim Fentz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6861733/publications.pdf>

Version: 2024-02-01

12  
papers

1,042  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1810  
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPK in skeletal muscle function and metabolism. <i>FASEB Journal</i> , 2018, 32, 1741-1777.	0.5	289
2	AMPK controls exercise endurance, mitochondrial oxidative capacity, and skeletal muscle integrity. <i>FASEB Journal</i> , 2014, 28, 3211-3224.	0.5	182
3	Prior AICAR Stimulation Increases Insulin Sensitivity in Mouse Skeletal Muscle in an AMPK-Dependent Manner. <i>Diabetes</i> , 2015, 64, 2042-2055.	0.6	115
4	PGC-1 $\beta$ mediates exercise-induced skeletal muscle VEGF expression in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E92-E103.	3.5	99
5	PGC-1 $\beta$ is required for AICAR-induced expression of GLUT4 and mitochondrial proteins in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E456-E465.	3.5	83
6	AMP-activated protein kinase regulates nicotinamide phosphoribosyl transferase expression in skeletal muscle. <i>Journal of Physiology</i> , 2013, 591, 5207-5220.	2.9	81
7	AMPK $\beta$ is critical for enhancing skeletal muscle fatty acid utilization during <i>in vivo</i> exercise in mice. <i>FASEB Journal</i> , 2015, 29, 1725-1738.	0.5	68
8	Exercise-induced molecular mechanisms promoting glycogen supercompensation in human skeletal muscle. <i>Molecular Metabolism</i> , 2018, 16, 24-34.	6.5	58
9	Inducible deletion of skeletal muscle AMPK $\beta$ reveals that AMPK is required for nucleotide balance but dispensable for muscle glucose uptake and fat oxidation during exercise. <i>Molecular Metabolism</i> , 2020, 40, 101028.	6.5	32
10	AMPK $\beta$ is essential for acute exercise-induced gene responses but not for exercise training-induced adaptations in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E900-E914.	3.5	28
11	Effect of Long-Term Voluntary Exercise Wheel Running on Susceptibility to Bacterial Pulmonary Infections in a Mouse Model. <i>PLoS ONE</i> , 2013, 8, e82869.	2.5	7
12	AMPK regulates contraction-induced glucose uptake in situ but not ex vivo. <i>FASEB Journal</i> , 2013, 27, 1202.12.	0.5	0