

# Christoph Handschin

## List of Publications by Year in descending order

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132  
papers

18,629  
citations

44069

48  
h-index

13771

129  
g-index

152  
all docs

152  
docs citations

152  
times ranked

21075  
citing authors

#	ARTICLE	IF	CITATIONS
1	AMP-activated protein kinase (AMPK) action in skeletal muscle via direct phosphorylation of PGC-1 $\beta$ . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12017-12022.	7.1	2,045
2	Suppression of Reactive Oxygen Species and Neurodegeneration by the PGC-1 Transcriptional Coactivators. Cell, 2006, 127, 397-408.	28.9	1,948
3	Metabolic control through the PGC-1 family of transcription coactivators. Cell Metabolism, 2005, 1, 361-370.	16.2	1,826
4	Peroxisome Proliferator-Activated Receptor $\gamma$ Coactivator 1 Coactivators, Energy Homeostasis, and Metabolism. Endocrine Reviews, 2006, 27, 728-735.	20.1	986
5	The role of exercise and PGC1 $\beta$ in inflammation and chronic disease. Nature, 2008, 454, 463-469.	27.8	935
6	PGC-1 $\beta$ protects skeletal muscle from atrophy by suppressing FoxO3 action and atrophy-specific gene transcription. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16260-16265.	7.1	841
7	An autoregulatory loop controls peroxisome proliferator-activated receptor $\gamma$ coactivator 1 $\beta$ expression in muscle. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7111-7116.	7.1	633
8	Err $\alpha$ and Gabpa/b specify PGC-1 $\beta$ -dependent oxidative phosphorylation gene expression that is altered in diabetic muscle. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6570-6575.	7.1	627
9	Transcriptional coactivator PGC-1 $\beta$ controls the energy state and contractile function of cardiac muscle. Cell Metabolism, 2005, 1, 259-271.	16.2	608
10	Hyperlipidemic Effects of Dietary Saturated Fats Mediated through PGC-1 $\beta$ Coactivation of SREBP. Cell, 2005, 120, 261-273.	28.9	579
11	Skeletal Muscle Fiber-type Switching, Exercise Intolerance, and Myopathy in PGC-1 $\beta$ Muscle-specific Knock-out Animals. Journal of Biological Chemistry, 2007, 282, 30014-30021.	3.4	530
12	Induction of Drug Metabolism: The Role of Nuclear Receptors. Pharmacological Reviews, 2003, 55, 649-673.	16.0	430
13	Nutritional Regulation of Hepatic Heme Biosynthesis and Porphyria through PGC-1 $\beta$ . Cell, 2005, 122, 505-515.	28.9	347
14	PGC-1 $\beta$ regulates the neuromuscular junction program and ameliorates Duchenne muscular dystrophy. Genes and Development, 2007, 21, 770-783.	5.9	307
15	Abnormal glucose homeostasis in skeletal muscle-specific PGC-1 $\beta$ knockout mice reveals skeletal muscle-pancreatic $\beta$ cell crosstalk. Journal of Clinical Investigation, 2007, 117, 3463-3474.	8.2	302
16	Skeletal muscle as an endocrine organ: PGC-1 $\beta$ , myokines and exercise. Bone, 2015, 80, 115-125.	2.9	298
17	Suppression of mitochondrial respiration through recruitment of p160 myb binding protein to PGC-1 $\beta$ : modulation by p38 MAPK. Genes and Development, 2004, 18, 278-289.	5.9	263
18	Transducer of regulated CREB-binding proteins (TORCs) induce PGC-1 $\beta$ transcription and mitochondrial biogenesis in muscle cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14379-14384.	7.1	261

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19	Paradoxical effects of increased expression of PGC-1 $\beta$ on muscle mitochondrial function and insulin-stimulated muscle glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19926-19931.	7.1	257
20	A fundamental system of cellular energy homeostasis regulated by PGC-1 $\beta$ . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7933-7938.	7.1	184
21	NUBIScan, an in Silico Approach for Prediction of Nuclear Receptor Response Elements. Molecular Endocrinology, 2002, 16, 1269-1279.	3.7	181
22	Endocrine Crosstalk Between Skeletal Muscle and the Brain. Frontiers in Neurology, 2018, 9, 698.	2.4	163
23	The Peroxisome Proliferator-activated Receptor $\beta$ Coactivator 1 $\alpha$ / $\beta$ (PGC-1) Coactivators Repress the Transcriptional Activity of NF- $\kappa$ B in Skeletal Muscle Cells. Journal of Biological Chemistry, 2013, 288, 2246-2260.	3.4	159
24	Regulatory network of lipid-sensing nuclear receptors: roles for CAR, PXR, LXR, and FXR. Archives of Biochemistry and Biophysics, 2005, 433, 387-396.	3.0	157
25	SIRT1 reduces endothelial activation without affecting vascular function in ApoE $^{-/-}$ mice. Aging, 2010, 2, 353-360.	3.1	132
26	Skeletal muscle PGC-1 $\beta$ controls whole-body lactate homeostasis through estrogen-related receptor $\beta$ -dependent activation of LDH B and repression of LDH A. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8738-8743.	7.1	122
27	Differential response of skeletal muscles to mTORC1 signaling during atrophy and hypertrophy. Skeletal Muscle, 2013, 3, 6.	4.2	122
28	CXR, a chicken xenobiotic-sensing orphan nuclear receptor, is related to both mammalian pregnane X receptor (PXR) and constitutive androstane receptor (CAR). Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 10769-10774.	7.1	113
29	mTORC2 sustains thermogenesis via Akt-induced glucose uptake and glycolysis in brown adipose tissue. EMBO Molecular Medicine, 2016, 8, 232-246.	6.9	110
30	Anaerobic Glycolysis Maintains the Glomerular Filtration Barrier Independent of Mitochondrial Metabolism and Dynamics. Cell Reports, 2019, 27, 1551-1566.e5.	6.4	106
31	Identification of the xenosensors regulating human 5-aminolevulinate synthase. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9127-9132.	7.1	99
32	Peroxisome Proliferator-activated Receptor $\beta$ Coactivator 1 $\alpha$ (PGC-1 $\alpha$ ) Promotes Skeletal Muscle Lipid Refueling in Vivo by Activating de Novo Lipogenesis and the Pentose Phosphate Pathway*. Journal of Biological Chemistry, 2010, 285, 32793-32800.	3.4	98
33	The neuromuscular junction is a focal point of mTORC1 signaling in sarcopenia. Nature Communications, 2020, 11, 4510.	12.8	98
34	The biology of PGC-1 $\beta$ and its therapeutic potential. Trends in Pharmacological Sciences, 2009, 30, 322-329.	8.7	95
35	PGC-1 $\beta$ Improves Glucose Homeostasis in Skeletal Muscle in an Activity-Dependent Manner. Diabetes, 2013, 62, 85-95.	0.6	91
36	BDNF is a mediator of glycolytic fiber-type specification in mouse skeletal muscle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16111-16120.	7.1	85

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37	Partnership of PGC-1 $\beta$ and HNF4 $\beta$ in the Regulation of Lipoprotein Metabolism*. Journal of Biological Chemistry, 2006, 281, 14683-14690.	3.4	76
38	The Corepressor NCoR1 Antagonizes PGC-1 $\alpha$ and Estrogen-Related Receptor $\alpha$ in the Regulation of Skeletal Muscle Function and Oxidative Metabolism. Molecular and Cellular Biology, 2012, 32, 4913-4924.	2.3	74
39	Skeletal muscle PGC-1 $\beta$ reroutes kynurenine metabolism to increase energy efficiency and fatigue-resistance. Nature Communications, 2019, 10, 2767.	12.8	72
40	Muscle Wasting Diseases: Novel Targets and Treatments. Annual Review of Pharmacology and Toxicology, 2019, 59, 315-339.	9.4	69
41	Electric Pulse Stimulation of Cultured Murine Muscle Cells Reproduces Gene Expression Changes of Trained Mouse Muscle. PLoS ONE, 2010, 5, e10970.	2.5	68
42	Caloric restriction and exercise "mimetics": Ready for prime time?. Pharmacological Research, 2016, 103, 158-166.	7.1	68
43	NUBIScan, an in Silico Approach for Prediction of Nuclear Receptor Response Elements. Molecular Endocrinology, 2002, 16, 1269-1279.	3.7	67
44	Morphological and functional remodelling of the neuromuscular junction by skeletal muscle PGC-1 $\beta$ . Nature Communications, 2014, 5, 3569.	12.8	64
45	RANTES (Regulated on Activation, Normal T Cell Expressed and Secreted), Inflammation, Obesity, and the Metabolic Syndrome. Circulation, 2007, 115, 946-948.	1.6	62
46	PGC-1 $\beta$ and Myokines in the Aging Muscle " A Mini-Review. Gerontology, 2011, 57, 37-43.	2.8	62
47	The PGC-1 coactivators promote an anti-inflammatory environment in skeletal muscle in vivo. Biochemical and Biophysical Research Communications, 2015, 464, 692-697.	2.1	60
48	Cholesterol and Bile Acids Regulate Xenosensor Signaling in Drug-mediated Induction of Cytochromes P450. Journal of Biological Chemistry, 2002, 277, 29561-29567.	3.4	54
49	Complex Coordination of Cell Plasticity by a PGC-1 $\beta$ -controlled Transcriptional Network in Skeletal Muscle. Frontiers in Physiology, 2015, 6, 325.	2.8	53
50	Remodeling of calcium handling in skeletal muscle through PGC-1 $\beta$ : impact on force, fatigability, and fiber type. American Journal of Physiology - Cell Physiology, 2012, 302, C88-C99.	4.6	51
51	PGC-1 $\beta$ affects aging-related changes in muscle and motor function by modulating specific exercise-mediated changes in old mice. Aging Cell, 2018, 17, e12697.	6.7	50
52	Regulation of skeletal muscle cell plasticity by the peroxisome proliferator-activated receptor $\beta$ coactivator 1 $\beta$ . Journal of Receptor and Signal Transduction Research, 2010, 30, 376-384.	2.5	48
53	The transcriptional coactivator PGC-1 $\beta$ is dispensable for chronic overload-induced skeletal muscle hypertrophy and metabolic remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20314-20319.	7.1	48
54	Conservation of Signaling Pathways of Xenobiotic-Sensing Orphan Nuclear Receptors, Chicken Xenobiotic Receptor, Constitutive Androstane Receptor, and Pregnane X Receptor, from Birds to Humans. Molecular Endocrinology, 2001, 15, 1571-1585.	3.7	47

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55	PGC-1 $\beta$ Determines Light Damage Susceptibility of the Murine Retina. PLoS ONE, 2012, 7, e31272.	2.5	46
56	Functional crosstalk of PGC-1 coactivators and inflammation in skeletal muscle pathophysiology. Seminars in Immunopathology, 2014, 36, 27-53.	6.1	44
57	JAK2-mutant hematopoietic cells display metabolic alterations that can be targeted to treat myeloproliferative neoplasms. Blood, 2019, 134, 1832-1846.	1.4	42
58	A Conserved Nuclear Receptor Consensus Sequence (DR-4) Mediates Transcriptional Activation of the Chicken CYP2H1 Gene by Phenobarbital in a Hepatoma Cell Line. Journal of Biological Chemistry, 2000, 275, 13362-13369.	3.4	39
59	PGC-1 $\beta$ and exercise in the control of body weight. International Journal of Obesity, 2012, 36, 1428-1435.	3.4	39
60	PGC-1 Coactivators and the Regulation of Skeletal Muscle Fiber-Type Determination. Cell Metabolism, 2011, 13, 351.	16.2	38
61	Myopathy caused by mammalian target of rapamycin complex 1 (mTORC1) inactivation is not reversed by restoring mitochondrial function. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20808-20813.	7.1	38
62	The evolution of drug-activated nuclear receptors: one ancestral gene diverged into two xenosensor genes in mammals. Nuclear Receptor, 2004, 2, 7.	10.0	37
63	The Role of the Skeletal Muscle Secretome in Mediating Endurance and Resistance Training Adaptations. Frontiers in Physiology, 2021, 12, 709807.	2.8	37
64	Skeletal muscle PGC-1 $\beta$ modulates systemic ketone body homeostasis and ameliorates diabetic hyperketonemia in mice. FASEB Journal, 2016, 30, 1976-1986.	0.5	36
65	PGC-1 $\beta$ modulates necrosis, inflammatory response, and fibrotic tissue formation in injured skeletal muscle. Skeletal Muscle, 2016, 6, 38.	4.2	35
66	Peroxisome proliferator-activated receptor- $\alpha$ coactivator-1 $\beta$ in muscle links metabolism to inflammation. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 1139-1143.	1.9	34
67	External physical and biochemical stimulation to enhance skeletal muscle bioengineering. Advanced Drug Delivery Reviews, 2015, 82-83, 168-175.	13.7	33
68	Transcriptional Network Analysis in Muscle Reveals AP-1 as a Partner of PGC-1 $\beta$ in the Regulation of the Hypoxic Gene Program. Molecular and Cellular Biology, 2014, 34, 2996-3012.	2.3	32
69	Moderate Modulation of Cardiac PGC-1 $\beta$ Expression Partially Affects Age-Associated Transcriptional Remodeling of the Heart. Frontiers in Physiology, 2018, 9, 242.	2.8	32
70	Distinct and additive effects of calorie restriction and rapamycin in aging skeletal muscle. Nature Communications, 2022, 13, 2025.	12.8	30
71	ApoE $^{-/-}$ PGC-1 $\beta$ $^{-/-}$ Mice Display Reduced IL-18 Levels and Do Not Develop Enhanced Atherosclerosis. PLoS ONE, 2010, 5, e13539.	2.5	29
72	Paracrine cross-talk between skeletal muscle and macrophages in exercise by PGC-1 $\beta$ -controlled BNP. Scientific Reports, 2017, 7, 40789.	3.3	29

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73	LXR deficiency and cholesterol feeding affect the expression and phenobarbital-mediated induction of cytochromes P450 in mouse liver. <i>Journal of Lipid Research</i> , 2005, 46, 1633-1642.	4.2	28
74	Muscle PGC-1 $\beta$ modulates satellite cell number and proliferation by remodeling the stem cell niche. <i>Skeletal Muscle</i> , 2016, 6, 39.	4.2	28
75	Plasticity of the Muscle Stem Cell Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1041, 141-169.	1.6	28
76	Coordinated balancing of muscle oxidative metabolism through PGC-1 $\beta$ increases metabolic flexibility and preserves insulin sensitivity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 180-185.	2.1	27
77	Transcriptomic, proteomic and phosphoproteomic underpinnings of daily exercise performance and zeitgeber activity of training in mouse muscle. <i>Journal of Physiology</i> , 2022, 600, 769-796.	2.9	27
78	Magnetic stimulation supports muscle and nerve regeneration after trauma in mice. <i>Muscle and Nerve</i> , 2016, 53, 598-607.	2.2	26
79	A Link between Cholesterol Levels and Phenobarbital Induction of Cytochromes P450. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 378-384.	2.1	23
80	Pharmacological targeting of exercise adaptations in skeletal muscle: Benefits and pitfalls. <i>Biochemical Pharmacology</i> , 2018, 147, 211-220.	4.4	23
81	Peroxisome proliferator-activated receptor $\beta$ coactivator 1 $\beta$ regulates mitochondrial calcium homeostasis, sarcoplasmic reticulum stress, and cell death to mitigate skeletal muscle aging. <i>Aging Cell</i> , 2019, 18, e12993.	6.7	23
82	Resveratrol and SRT1720 Elicit Differential Effects in Metabolic Organs and Modulate Systemic Parameters Independently of Skeletal Muscle Peroxisome Proliferator-activated Receptor $\beta$ Co-activator 1 $\beta$ (PGC-1 $\beta$ ). <i>Journal of Biological Chemistry</i> , 2015, 290, 16059-16076.	3.4	22
83	Loss of Renal Tubular PGC-1 $\beta$ Exacerbates Diet-Induced Renal Steatosis and Age-Related Urinary Sodium Excretion in Mice. <i>PLoS ONE</i> , 2016, 11, e0158716.	2.5	22
84	Multiple enhancer units mediate drug induction of CYP2H1 by xenobiotic-sensing orphan nuclear receptor chicken xenobiotic receptor. <i>Molecular Pharmacology</i> , 2001, 60, 681-9.	2.3	22
85	The Genomic Context and Corecruitment of SP1 Affect ERR $\beta$ Coactivation by PGC-1 $\beta$ in Muscle Cells. <i>Molecular Endocrinology</i> , 2016, 30, 809-825.	3.7	20
86	How Epigenetic Modifications Drive the Expression and Mediate the Action of PGC-1 $\beta$ in the Regulation of Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5449.	4.1	20
87	Branched-chain amino acid metabolism is regulated by ERR $\beta$ in primary human myotubes and is further impaired by glucose loading in type 2 diabetes. <i>Diabetologia</i> , 2021, 64, 2077-2091.	6.3	20
88	Myoblasts Inhibit Prostate Cancer Growth by Paracrine Secretion of Tumor Necrosis Factor- $\beta$ . <i>Journal of Urology</i> , 2013, 189, 1952-1959.	0.4	19
89	Over-expression of a retinol dehydrogenase (SRP35/DHRS7C) in skeletal muscle activates mTORC2, enhances glucose metabolism and muscle performance. <i>Scientific Reports</i> , 2018, 8, 636.	3.3	19
90	Role of Nuclear Receptors in Exercise-Induced Muscle Adaptations. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a029835.	6.2	18

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91	Exploring the Role of PGC-1 $\alpha$ in Defining Nuclear Organisation in Skeletal Muscle Fibres. <i>Journal of Cellular Physiology</i> , 2017, 232, 1270-1274.	4.1	18
92	Conservation of Signaling Pathways of Xenobiotic-Sensing Orphan Nuclear Receptors, Chicken Xenobiotic Receptor, Constitutive Androstane Receptor, and Pregnane X Receptor, from Birds to Humans. <i>Molecular Endocrinology</i> , 2001, 15, 1571-1585.	3.7	18
93	The coactivator PGC-1 $\alpha$ regulates skeletal muscle oxidative metabolism independently of the nuclear receptor PPAR $\alpha$ in sedentary mice fed a regular chow diet. <i>Diabetologia</i> , 2014, 57, 2405-2412.	6.3	17
94	Estrogen-related receptor $\alpha$ (ERR $\alpha$ ): A novel target in type 2 diabetes. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2005, 2, 151-156.	0.5	16
95	Coregulator-mediated control of skeletal muscle plasticity – A mini-review. <i>Biochimie</i> , 2017, 136, 49-54.	2.6	14
96	Human Muscle Precursor Cells Overexpressing PGC-1 $\alpha$ Enhance Early Skeletal Muscle Tissue Formation. <i>Cell Transplantation</i> , 2017, 26, 1103-1114.	2.5	14
97	PGC-1 $\alpha$ plays a pivotal role in simvastatin-induced exercise impairment in mice. <i>Acta Physiologica</i> , 2020, 228, e13402.	3.8	14
98	Remodeling of metabolism and inflammation by exercise ameliorates tumor-associated anemia. <i>Science Advances</i> , 2021, 7, eabi4852.	10.3	14
99	A Functional Motor Unit in the Culture Dish: Co-culture of Spinal Cord Explants and Muscle Cells. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	12
100	Modulation of PGC-1 $\alpha$ activity as a treatment for metabolic and muscle-related diseases. <i>Drug Discovery Today</i> , 2014, 19, 1024-1029.	6.4	12
101	Noninvasive PET Imaging and Tracking of Engineered Human Muscle Precursor Cells for Skeletal Muscle Tissue Engineering. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1467-1473.	5.0	12
102	Time to Train: The Involvement of the Molecular Clock in Exercise Adaptation of Skeletal Muscle. <i>Frontiers in Physiology</i> , 2022, 13, 902031.	2.8	12
103	Effect of carnitine, acetyl-, and propionylcarnitine supplementation on the body carnitine pool, skeletal muscle composition, and physical performance in mice. <i>European Journal of Nutrition</i> , 2014, 53, 1313-1325.	3.9	11
104	PGC-1 $\alpha$ expression in murine AgRP neurons regulates food intake and energy balance. <i>Molecular Metabolism</i> , 2016, 5, 580-588.	6.5	11
105	Muscle PGC-1 $\alpha$ is required for long-term systemic and local adaptations to a ketogenic diet in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E437-E446.	3.5	11
106	Interleukin-6 potentiates endurance training adaptation and improves functional capacity in old mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1164-1176.	7.3	11
107	RNA-bound PGC-1 $\alpha$ controls gene expression in liquid-like nuclear condensates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
108	In silico approaches, and in vitro and in vivo experiments to predict induction of drug metabolism. <i>Drug News and Perspectives</i> , 2003, 16, 423.	1.5	10



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109	Exercise-linked improvement in age-associated loss of balance is associated with increased vestibular input to motor neurons. <i>Aging Cell</i> , 2020, 19, e13274.	6.7	9
110	Species-specific mechanisms for cholesterol 7 $\alpha$ -hydroxylase (CYP7A1) regulation by drugs and bile acids. <i>Archives of Biochemistry and Biophysics</i> , 2005, 434, 75-85.	3.0	8
111	PDE2 activity differs in right and left rat ventricular myocardium and differentially regulates $\beta_2$ adrenoceptor-mediated effects. <i>Experimental Biology and Medicine</i> , 2015, 240, 1205-1213.	2.4	8
112	New insights in the regulation of skeletal muscle PGC-1 $\alpha$ by exercise and metabolic diseases. <i>Drug Discovery Today: Disease Models</i> , 2013, 10, e79-e85.	1.2	6
113	MicroRNAs Emerge as Modulators of NAD <sup>+</sup> -Dependent Energy Metabolism in Skeletal Muscle. <i>Diabetes</i> , 2014, 63, 1451-1453.	0.6	6
114	Injected Human Muscle Precursor Cells Overexpressing PGC-1 $\alpha$ Enhance Functional Muscle Regeneration after Trauma. <i>Stem Cells International</i> , 2018, 2018, 1-11.	2.5	6
115	PGC-1 $\alpha$ regulates myonuclear accretion after moderate endurance training. <i>Journal of Cellular Physiology</i> , 2022, 237, 696-705.	4.1	6
116	Optimized Engagement of Macrophages and Satellite Cells in the Repair and Regeneration of Exercised Muscle. <i>Research and Perspectives in Endocrine Interactions</i> , 2017, , 57-66.	0.2	5
117	Peroxisome proliferator-activated receptor $\delta$ coactivator 1 $\alpha$ (PGC-1 $\alpha$ ) improves skeletal muscle mitochondrial function and insulin sensitivity. <i>Diabetologia</i> , 2011, 54, 1270-1272.	6.3	4
118	PGC-1 $\alpha$ -expressing POMC neurons mediate the effect of leptin on thermoregulation in the mouse. <i>Scientific Reports</i> , 2020, 10, 16888.	3.3	4
119	Molecular cloning and characterization of chicken orphan nuclear receptor cTR21. <i>General and Comparative Endocrinology</i> , 2003, 132, 474-484.	1.8	3
120	A high-mobility, low-cost phenotype defines human effector-memory CD8 <sup>+</sup> T cells. <i>Blood</i> , 2009, 113, 95-99.	1.4	3
121	The peroxisome proliferator-activated receptor $\delta$ coactivator 1 $\alpha$ /1 $\beta$ (PGC-1) coactivators repress the transcriptional activity of NF- $\kappa$ B in skeletal muscle cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 6589.	3.4	3
122	Lifestyle vs. pharmacological interventions for healthy aging. <i>Aging</i> , 2020, 12, 5-7.	3.1	3
123	Relation of nNOS isoforms to mitochondrial density and PGC-1 $\alpha$ expression in striated muscles of mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 77, 35-43.	2.7	2
124	Pharmacological targeting of age-related changes in skeletal muscle tissue. <i>Pharmacological Research</i> , 2020, 154, 104191.	7.1	2
125	Körperliche Aktivität und PGC-1 $\alpha$ bei Entzündung und chronischen Krankheiten. <i>Deutsche Zeitschrift Für Sportmedizin</i> , 2015, 2015, 317-320.	0.5	2
126	1064 Noninvasive electromagnetic stimulation for stress urinary incontinence improves regeneration of skeletal muscle, increases nerve ingrowth and acetylcholine receptor clustering. <i>European Urology Supplements</i> , 2012, 11, e1064-e1064a.	0.1	1



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127	Physiological Regulation of Skeletal Muscle Mass. , 2019, , 139-150.		1
128	P5.74 The role of PGC-1alpha in the stabilization of the neuromuscular junction. Neuromuscular Disorders, 2011, 21, 746.	0.6	0
129	O.5 The miRNA profile of human SMA samples. Neuromuscular Disorders, 2011, 21, 681.	0.6	0
130	205 IN VIVO ELECTROMAGNETIC STIMULATION SUPPORTS MUSCLE REGENERATION AFTER STEM CELL INJECTION BY BOOSTING MUSCULAR METABOLISM AND STIMULATING NERVE INGROWTH. Journal of Urology, 2012, 187, .	0.4	0
131	MP12-19 NON-INVASIVE TRACKING OF MUSCLE PRECURSOR CELLS FOR SPHINCTER MUSCLE ENGINEERING. Journal of Urology, 2014, 191, .	0.4	0
132	MP30-16 GENETICALLY MODIFIED HUMAN MUSCLE PRECURSOR CELLS OVEREXPRESSING PGC-1? SUPPORT EARLY MYOFIBER FORMATION FOR BIOENGINEERING OF SLOW TWITCH SPHINCTER MUSCLE. Journal of Urology, 2016, 195, .	0.4	0