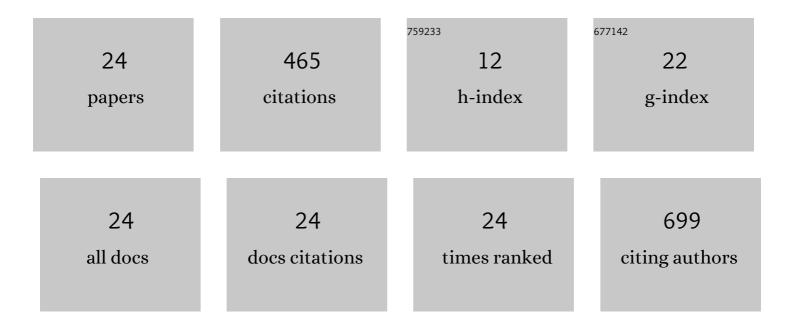
## Paul T Loughna

List of Publications by Year in descending order

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ΡΛΙΙΙ ΤΙ ΟΠΟΗΝΑ

#	Article	IF	CITATIONS
1	Response of the porcine MYH4-promoter and MYH4-expressing myotubes to known anabolic and catabolic agents in vitro. Biochemistry and Biophysics Reports, 2021, 25, 100924.	1.3	3
2	The phosphoenolpyruvate carboxykinase (PEPCK) inhibitor, 3-mercaptopicolinic acid (3-MPA), induces myogenic differentiation in C2C12 cells. Scientific Reports, 2020, 10, 22177.	3.3	4
3	Changes in expression of serine biosynthesis and integrated stress response genes during myogenic differentiation of C2C12 cells. Biochemistry and Biophysics Reports, 2019, 20, 100694.	1.3	14
4	Adipogenic Differentiation of Muscle Derived Cells is Repressed by Inhibition of GSK-3 Activity. Frontiers in Veterinary Science, 2018, 5, 110.	2.2	6
5	Influence of 1α, 25-dihydroxyvitamin D3 [1, 25(OH)2D3] on the expression of Sox 9 and the transient receptor potential vanilloid 5/6 ion channels in equine articular chondrocytes. Journal of Animal Science and Technology, 2014, 56, 33.	2.5	4
6	The effects of age upon the expression of three miRNAs in muscle stem cells isolated from two different porcine skeletal muscles. Differentiation, 2014, 88, 117-123.	1.9	12
7	Effect of osmotic stress on the expression of TRPV4 and BK <sub>Ca</sub> channels and possible interaction with ERK1/2 and p38 in cultured equine chondrocytes. American Journal of Physiology - Cell Physiology, 2014, 306, C1050-C1057.	4.6	38
8	Effects of cyclic equibiaxial mechanical stretch on α-BK and TRPV4 expression in equine chondrocytes. SpringerPlus, 2014, 3, 59.	1.2	7
9	Expression of Transient Receptor Potential Vanilloid (TRPV) Channels in Different Passages of Articular Chondrocytes. International Journal of Molecular Sciences, 2012, 13, 4433-4445.	4.1	27
10	Oxygen concentration modulates the differentiation of muscle stem cells toward myogenic and adipogenic fates. Differentiation, 2012, 84, 193-202.	1.9	38
11	On Some Aspects of the Thermodynamic of Membrane Recycling Mediated by Fluid Phase Endocytosis: Evaluation of Published Data and Perspectives. Cell Biochemistry and Biophysics, 2010, 56, 73-90.	1.8	13
12	Muscle origin of porcine satellite cells affects <i>in vitro</i> differentiation potential. Cell Biochemistry and Function, 2010, 28, 403-411.	2.9	23
13	Oxygen concentration modulates in vitro differentiation of porcine muscle derived stem cells. FASEB Journal, 2010, 24, 824.2.	0.5	0
14	Incubation of C2C12 myotubes with the phopholipase D (PLD) inhibitor 1â€butanol ablates contractionâ€induced but not leucineâ€induced signaling to p70 S6 kinase (S6K1) via phosphatidic acid (PA). FASEB Journal, 2010, 24, 331.3.	0.5	0
15	Adult-Onset Obesity Reveals Prenatal Programming of Glucose-Insulin Sensitivity in Male Sheep Nutrient Restricted during Late Gestation. PLoS ONE, 2009, 4, e7393.	2.5	24
16	Stretchâ€induced activation of ERK in myocytes is p38 and calcineurinâ€dependent. Cell Biochemistry and Function, 2008, 26, 866-869.	2.9	12
17	Interactions between pre- and postnatal diet on metabolic competence in sheep. Proceedings of the Nutrition Society, 2008, 67, .	1.0	1
18	Nonmuscle myosins IIA and IIB are present in adult motor nerve terminals. NeuroReport, 2005, 16, 1143-1146.	1.2	8

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19	Inward relocation of exogenous phosphatidylserine triggered by IGF-1 in non-apoptotic C2C12 cells is concentration dependent. Cell Biochemistry and Function, 2005, 23, 383-388.	2.9	2
20	Static stretch promotes MEF2A nuclear translocation and expression of neonatal myosin heavy chain in C2C12myocytes in a calcineurin- and p38-dependent manner. American Journal of Physiology - Cell Physiology, 2005, 288, C593-C605.	4.6	41
21	C2C12 Skeletal Muscle Cells Exposure to Phosphatidylcholine Triggers IGF-1 Like-Responses. Cellular Physiology and Biochemistry, 2005, 15, 211-224.	1.6	13
22	Two myogenic regulatory factor transcripts exhibit muscle-specific responses to disuse and passive stretch in adult rats. FEBS Letters, 1996, 390, 304-306.	2.8	43
23	Work overload induced changes in fast and slow skeletal muscle myosin heavy chain gene expression. FEBS Letters, 1989, 255, 427-430.	2.8	15
24	The effect of hypokinesia and hypodynamia on protein turnover and the growth of four skeletal muscles of the rat. Pflugers Archiv European Journal of Physiology, 1986, 407, 333-340.	2.8	117