

# Paul T Loughna

## List of Publications by Year in descending order

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24  
papers

465  
citations

759233

12  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of hypokinesia and hypodynamia on protein turnover and the growth of four skeletal muscles of the rat. <i>Pflugers Archiv European Journal of Physiology</i> , 1986, 407, 333-340.	2.8	117
2	Two myogenic regulatory factor transcripts exhibit muscle-specific responses to disuse and passive stretch in adult rats. <i>FEBS Letters</i> , 1996, 390, 304-306.	2.8	43
3	Static stretch promotes MEF2A nuclear translocation and expression of neonatal myosin heavy chain in C2C12 myocytes in a calcineurin- and p38-dependent manner. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C593-C605.	4.6	41
4	Oxygen concentration modulates the differentiation of muscle stem cells toward myogenic and adipogenic fates. <i>Differentiation</i> , 2012, 84, 193-202.	1.9	38
5	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. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C1050-C1057.	4.6	38
6	Expression of Transient Receptor Potential Vanilloid (TRPV) Channels in Different Passages of Articular Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4433-4445.	4.1	27
7	Adult-Onset Obesity Reveals Prenatal Programming of Glucose-Insulin Sensitivity in Male Sheep Nutrient Restricted during Late Gestation. <i>PLoS ONE</i> , 2009, 4, e7393.	2.5	24
8	Muscle origin of porcine satellite cells affects <i>in vitro</i> differentiation potential. <i>Cell Biochemistry and Function</i> , 2010, 28, 403-411.	2.9	23
9	Work overload induced changes in fast and slow skeletal muscle myosin heavy chain gene expression. <i>FEBS Letters</i> , 1989, 255, 427-430.	2.8	15
10	Changes in expression of serine biosynthesis and integrated stress response genes during myogenic differentiation of C2C12 cells. <i>Biochemistry and Biophysics Reports</i> , 2019, 20, 100694.	1.3	14
11	C2C12 Skeletal Muscle Cells Exposure to Phosphatidylcholine Triggers IGF-1 Like-Responses. <i>Cellular Physiology and Biochemistry</i> , 2005, 15, 211-224.	1.6	13
12	On Some Aspects of the Thermodynamic of Membrane Recycling Mediated by Fluid Phase Endocytosis: Evaluation of Published Data and Perspectives. <i>Cell Biochemistry and Biophysics</i> , 2010, 56, 73-90.	1.8	13
13	Stretch-induced activation of ERK in myocytes is p38 and calcineurin-dependent. <i>Cell Biochemistry and Function</i> , 2008, 26, 866-869.	2.9	12
14	The effects of age upon the expression of three miRNAs in muscle stem cells isolated from two different porcine skeletal muscles. <i>Differentiation</i> , 2014, 88, 117-123.	1.9	12
15	Nonmuscle myosins IIA and IIB are present in adult motor nerve terminals. <i>NeuroReport</i> , 2005, 16, 1143-1146.	1.2	8
16	Effects of cyclic equibiaxial mechanical stretch on $\hat{1}\pm$ -BK and TRPV4 expression in equine chondrocytes. <i>SpringerPlus</i> , 2014, 3, 59.	1.2	7
17	Adipogenic Differentiation of Muscle Derived Cells is Repressed by Inhibition of GSK-3 Activity. <i>Frontiers in Veterinary Science</i> , 2018, 5, 110.	2.2	6
18	Influence of $\hat{1}\pm$ , 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. <i>Journal of Animal Science and Technology</i> , 2014, 56, 33.	2.5	4

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19	The phosphoenolpyruvate carboxykinase (PEPCK) inhibitor, 3-mercaptopicolinic acid (3-MPA), induces myogenic differentiation in C2C12 cells. <i>Scientific Reports</i> , 2020, 10, 22177.	3.3	4
20	Response of the porcine MYH4-promoter and MYH4-expressing myotubes to known anabolic and catabolic agents in vitro. <i>Biochemistry and Biophysics Reports</i> , 2021, 25, 100924.	1.3	3
21	Inward relocation of exogenous phosphatidylserine triggered by IGF-1 in non-apoptotic C2C12 cells is concentration dependent. <i>Cell Biochemistry and Function</i> , 2005, 23, 383-388.	2.9	2
22	Interactions between pre- and postnatal diet on metabolic competence in sheep. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	1.0	1
23	Oxygen concentration modulates in vitro differentiation of porcine muscle derived stem cells. <i>FASEB Journal</i> , 2010, 24, 824.2.	0.5	0
24	Incubation of C2C12 myotubes with the phospholipase D (PLD) inhibitor 1-butanol ablates contraction-induced but not leucine-induced signaling to p70 S6 kinase (S6K1) via phosphatidic acid (PA). <i>FASEB Journal</i> , 2010, 24, 331.3.	0.5	0