# Paul T Loughna

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4867370/publications.pdf

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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 | 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 1Î±, 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 Î±-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 in vitro 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 |