# Gaynor Miller

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 15 papers | 363 citations | 10 h-index | 15 g-index |
| 15 ext. papers | 421 ext. citations | 4.6 avg, IF | 2.89 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 15 | Altered Macrophage Polarization Induces Experimental Pulmonary Hypertension and Is Observed in Patients With Pulmonary Arterial Hypertension. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 430-445 | 9.4 | 8 |
| 14 | Fiber Optic Raman Spectroscopy of Muscle in Preclinical Models of Amyotrophic Lateral Sclerosis and Duchenne Muscular Dystrophy. *ACS Chemical Neuroscience*, **2021**, 12, 1768-1776 | 5.7 | 2 |
| 13 | Nanospan, an alternatively spliced isoform of sarcospan, localizes to the sarcoplasmic reticulum in skeletal muscle and is absent in limb girdle muscular dystrophy 2F. *Skeletal Muscle*, **2017**, 7, 11 | 5.1 | 1 |
| 12 | PyMT-Maclow: A novel, inducible, murine model for determining the role of CD68 positive cells in breast tumor development. *PLoS ONE*, **2017**, 12, e0188591 | 3.7 | 11 |
| 11 | Generation of a novel mouse model for the inducible depletion of macrophages in vivo. *Genesis*, **2013**, 51, 41-9 | 1.9 | 5 |
| 10 | Preventing phosphorylation of dystroglycan ameliorates the dystrophic phenotype in mdx mouse. *Human Molecular Genetics*, **2012**, 21, 4508-20 | 5.6 | 26 |
| 9 | ENU mutagenesis reveals a novel phenotype of reduced limb strength in mice lacking fibrillin 2. *PLoS ONE*, **2010**, 5, e9137 | 3.7 | 17 |
| 8 | Structural and functional analysis of the sarcoglycan-sarcospan subcomplex. *Experimental Cell Research*, **2007**, 313, 639-51 | 4.2 | 21 |
| 7 | Disrupted mechanical stability of the dystrophin-glycoprotein complex causes severe muscular dystrophy in sarcospan transgenic mice. *Journal of Cell Science*, **2007**, 120, 996-1008 | 5.3 | 21 |
| 6 | Appearances can be deceiving: phenotypes of knockout mice. *Briefings in Functional Genomics & Proteomics*, **2007**, 6, 91-103 | | 149 |
| 5 | Over-expression of Microspan, a novel component of the sarcoplasmic reticulum, causes severe muscle pathology with triad abnormalities. *Journal of Muscle Research and Cell Motility*, **2006**, 27, 545-58 | 3.5 | 13 |
| 4 | A targeted deletion of the C-terminal end of titin, including the titin kinase domain, impairs myofibrillogenesis. *Journal of Cell Science*, **2003**, 116, 4811-9 | 5.3 | 44 |
| 3 | Specific and potent RNA interference in terminally differentiated myotubes. *Journal of Biological Chemistry*, **2003**, 278, 934-9 | 5.4 | 28 |
| 2 | Heterologous expression of wild-type and mutant beta-cardiac myosin changes the contractile kinetics of cultured mouse myotubes. *Journal of Physiology*, **2003**, 548, 167-74 | 3.9 | 13 |
| 1 | N232S, G741R and D778G beta-cardiac myosin mutants, implicated in familial hypertrophic cardiomyopathy, do not disrupt myofibrillar organisation in cultured myotubes. *FEBS Letters*, **2000**, 486, 325-7 | 3.8 | 4 |