Gaynor Miller

List of Publications by Citations

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	Appearances can be deceiving: phenotypes of knockout mice. *Briefings in Functional Genomics & Proteomics*, **2007**, 6, 91-103		149
14	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
13	Specific and potent RNA interference in terminally differentiated myotubes. *Journal of Biological Chemistry*, **2003**, 278, 934-9	5.4	28
12	Preventing phosphorylation of dystroglycan ameliorates the dystrophic phenotype in mdx mouse. *Human Molecular Genetics*, **2012**, 21, 4508-20	5.6	26
11	Structural and functional analysis of the sarcoglycan-sarcospan subcomplex. *Experimental Cell Research*, **2007**, 313, 639-51	4.2	21
10	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
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	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
7	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
6	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
5	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
4	Generation of a novel mouse model for the inducible depletion of macrophages in vivo. *Genesis*, **2013**, 51, 41-9	1.9	5
3	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
2	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
1	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