Gonzalo Blanco

List of Publications by Year
in descending order

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27 papers	2,375 citations	516710 16 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	3427 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Defects in whirlin, a PDZ domain molecule involved in stereocilia elongation, cause deafness in the whirler mouse and families with DFNB31. Nature Genetics, 2003, 34, 421-428.	21.4	293
3	Sequence and molecular analysis of the nifL gene of Azotobacter vinelandii. Molecular Microbiology, 1993, 9, 869-879.	2.5	97
4	The kyphoscoliosis (ky) mouse is deficient in hypertrophic responses and is caused by a mutation in a novel muscle-specific protein. Human Molecular Genetics, 2001, 10, 9-16.	2.9	83
5	The product of the nitrogen fixation regulatory gene nfrX of Azotobacter vinelandii is functionally and structurally homologous to the uridylyltransferase encoded by glnD in enteric bacteria. Journal of Bacteriology, 1991, 173, 7741-7749.	2.2	66
6	Identification of an operon involved in the assimilatory nitrate-reducing system of Azotobacter vineiandii. Molecular Microbiology, 1993, 8, 1145-1153.	2.5	36
7	Filamin C interacts with the muscular dystrophy KY protein and is abnormally distributed in mouse KY deficient muscle fibres. Human Molecular Genetics, 2004, 13, 2863-2874.	2.9	36
8	Disrupted autophagy undermines skeletal muscle adaptation and integrity. Mammalian Genome, 2016, 27, 525-537.	2.2	29
9	Recessive mutations in the kinase ZAK cause a congenital myopathy with fibre type disproportion. Brain, 2017, 140, 37-48.	7.6	28
10	Axonal and neuromuscular synaptic phenotypes in Wld, SOD1 and ostes mutant mice identified by fiber-optic confocal microendoscopy. Molecular and Cellular Neurosciences, 2009, 42, 296-307.	2.2	27
11	Mapping of the human and murine X11-like genes (APBA2 and Apba2), the murine Fe65 gene (Apbb1), and the human Fe65-like gene (APBB2): genes encoding phosphotyrosine-binding domain proteins that interact with the Alzheimer's disease amyloid precursor protein. Mammalian Genome, 1998, 9, 473-475.	2.2	26
12	Identification of a Z-band associated protein complex involving KY, FLNC and IGFN1. Experimental Cell Research, 2010, 316, 1856-1870.	2.6	26
13	Candidate testis-determining gene, Maestro (Mro), encodes a novel HEAT repeat protein. Developmental Dynamics, 2003, 227, 600-607.	1.8	25
14	Novel mutations in human and mouse SCN4A implicate AMPK in myotonia and periodic paralysis. Brain, 2014, 137, 3171-3185.	7.6	23
15	A Nonsense Mutation in Mouse Tardbp Affects TDP43 Alternative Splicing Activity and Causes Limb-Clasping and Body Tone Defects. PLoS ONE, 2014, 9, e85962.	2.5	18
16	A genetic modifier suggests that endurance exercise exacerbates Huntington's disease. Human Molecular Genetics, 2018, 27, 1723-1731.	2.9	17
17	Upregulation of PKD1L2 provokes a complex neuromuscular disease in the mouse. Human Molecular Genetics, 2009, 18, 3553-3566.	2.9	16
18	Proteomic analysis of laser capture microscopy purified myotendinous junction regions from muscle sections. Proteome Science, 2014, 12, 25.	1.7	16

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19	IGFN1_v1 is required for myoblast fusion and differentiation. PLoS ONE, 2017, 12, e0180217.	2.5	16
20	Myofibrillar myopathy caused by a mutation in the motor domain of mouse MyHC IIb. Human Molecular Genetics, 2012, 21, 1706-1724.	2.9	15
21	Determination of Muscle Fiber Type in Rodents. Current Protocols in Mouse Biology, 2012, 2, 231-243.	1.2	14
22	Constitutive upregulations of titin-based signalling proteins in KY deficient muscles. Neuromuscular Disorders, 2006, 16, 437-445.	0.6	13
23	Proteomic resolution of IGFN1 complexes reveals a functional interaction with the actin nucleating protein COBL. Experimental Cell Research, 2020, 395, 112179.	2.6	9
24	Confocal Microendoscopy of Neuromuscular Synapses in Living Mice. Current Protocols in Mouse Biology, 2012, 2, 1-8.	1.2	5
25	The fraction of strongly bound cross-bridges is increased in mice that carry the myopathy-linked myosin heavy chain mutation MYH4L342Q. DMM Disease Models and Mechanisms, 2013, 6, 834-40.	2.4	5
26	Skeletal Muscle Modulates Huntingtonâ€™s Disease Pathogenesis in Mice: Role of Physical Exercise. Journal of Experimental Neuroscience, 2018, 12, 117906951880905.	2.3	3
27	Transcriptional up-regulation of BAG3, a Chaperone Assisted Selective Autophagy factor, in animal models of KY-deficient hereditary myopathy. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	3