

Karine Charton

List of Publications by Year in descending order

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papers

502
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623188

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900
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#	ARTICLE	IF	CITATIONS
1	Interactions with M-band Titin and Calpain 3 Link Myospryn (CMYA5) to Tibial and Limb-girdle Muscular Dystrophies. <i>Journal of Biological Chemistry</i> , 2010, 285, 30304-30315.	1.6	59
2	A new titinopathy. <i>Neurology</i> , 2015, 85, 2126-2135.	1.5	44
3	Restriction of Calpain3 Expression to the Skeletal Muscle Prevents Cardiac Toxicity and Corrects Pathology in a Murine Model of Limb-Girdle Muscular Dystrophy. <i>Circulation</i> , 2013, 128, 1094-1104.	1.6	40
4	Circulating miRNAs are generic and versatile therapeutic monitoring biomarkers in muscular dystrophies. <i>Scientific Reports</i> , 2016, 6, 28097.	1.6	38
5	A human skeletal muscle interactome centered on proteins involved in muscular dystrophies: LGMD interactome. <i>Skeletal Muscle</i> , 2013, 3, 3.	1.9	36
6	CAPN3-mediated processing of C-terminal titin replaced by pathological cleavage in titinopathy. <i>Human Molecular Genetics</i> , 2015, 24, 3718-3731.	1.4	36
7	A comparison of AAV strategies distinguishes overlapping vectors for efficient systemic delivery of the 6.2 kb Dysferlin coding sequence. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 15009.	1.8	36
8	AAV-mediated transfer of FKRP shows therapeutic efficacy in a murine model but requires control of gene expression. <i>Human Molecular Genetics</i> , 2017, 26, 1952-1965.	1.4	35
9	Removal of the calpain 3 protease reverses the myopathology in a mouse model for titinopathies. <i>Human Molecular Genetics</i> , 2010, 19, 4608-4624.	1.4	31
10	Cis -splicing and Translation of the Pre- Trans -splicing Molecule Combine With Efficiency in Spliceosome-mediated RNA Trans -splicing. <i>Molecular Therapy</i> , 2014, 22, 1176-1187.	3.7	29
11	RNA-targeting approaches for neuromuscular diseases. <i>Trends in Molecular Medicine</i> , 2009, 15, 580-591.	3.5	22
12	Exploiting the CRISPR/Cas9 system to study alternative splicing in vivo: application to titin. <i>Human Molecular Genetics</i> , 2016, 25, ddw280.	1.4	21
13	Diagnostic anoctamin-5 protein defect in patients with ANO5-mutated muscular dystrophy. <i>Neuropathology and Applied Neurobiology</i> , 2018, 44, 441-448.	1.8	19
14	Titin splicing regulates cardiotoxicity associated with calpain 3 gene therapy for limb-girdle muscular dystrophy type 2A. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	19
15	Endoplasmic reticulum maintains ion homeostasis required for plasma membrane repair. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	17
16	The Phenotype of Dysferlin-Deficient Mice Is Not Rescued by Adeno-Associated Virus-Mediated Transfer of Anoctamin 5. <i>Human Gene Therapy Clinical Development</i> , 2013, 24, 65-76.	3.2	15
17	Anoctamin 5 Knockout Mouse Model Recapitulates LGMD2L Muscle Pathology and Offers Insight Into in vivo Functional Deficits. <i>Journal of Neuromuscular Diseases</i> , 2021, 8, S243-S255.	1.1	5
18	377. AAV-Mediated Transfer of FKRP Shows Therapeutic Efficacy in a Murine Model of Limb-Girdle Muscular Dystrophy Type 2i, but Requires Tight Control of Gene Expression. <i>Molecular Therapy</i> , 2016, 24, S150.	3.7	0