GisÃ¨le Bonne

List of Publications by Year
in descending order

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Version: 2024-02-01

248 papers	15,520 citations	18465 62 h-index	19726 117 g-index
269 all docs	269 docs citations	269 times ranked	12416 citing authors

#	Article	IF	Citations
1	A lamin A/C variant causing striated muscle disease provides insights into filament organization. Journal of Cell Science, 2021, 134, .	1.2	17
2	International retrospective natural history study of LMNA-related congenital muscular dystrophy. Brain Communications, 2021, 3, fcab075.	1.5	17
3	INPP5K and SIL1 associated pathologies with overlapping clinical phenotypes converge through dysregulation of PHGDH. Brain, 2021, 144, 2427-2442.	3.7	7
4	The Treatabolome, an emerging concept. Journal of Neuromuscular Diseases, 2021, 8, 337-339.	1.1	6
5	Laminopathiesâ€™ Treatments Systematic Review: A Contribution Towards a â€˜Treatabolomeâ€™. Journal of Neuromuscular Diseases, 2021, 8, 419-439.	1.1	13
6	Exome reanalysis and proteomic profiling identified TRIP4 as a novel cause of cerebellar hypoplasia and spinal muscular atrophy (PCH1). European Journal of Human Genetics, 2021, 29, 1348-1353.	1.4	10
7	Solve-RD: systematic pan-European data sharing and collaborative analysis to solve rare diseases. European Journal of Human Genetics, 2021, 29, 1325-1331.	1.4	49
8	The non-muscle ADF/cofilin-1 controls sarcomeric actin filament integrity and force production in striated muscle laminopathies. Cell Reports, 2021, 36, 109601.	2.9	9
9	High-Throughput Digital Image Analysis Reveals Distinct Patterns of Dystrophin Expression in Dystrophinopathy Patients. Journal of Neuropathology and Experimental Neurology, 2021, 80, 955-965.	0.9	9
10	Targeting the histone demethylase LSD1 prevents cardiomyopathy in a mouse model of laminopathy. Journal of Clinical Investigation, 2021, 131, .	3.9	26
11	Lamin-Related Congenital Muscular Dystrophy Alters Mechanical Signaling and Skeletal Muscle Growth. International Journal of Molecular Sciences, 2021, 22, 306.	1.8	15
12	Preclinical Advances of Therapies for Laminopathies. Journal of Clinical Medicine, 2021, 10, 4834.	1.0	4
13	The 2022 version of the gene table of neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2021, 31, 1313-1357.	0.3	38
14	Novel role of Tieg1 in muscle metabolism and mitochondrial oxidative capacities. Acta Physiologica, 2020, 228, e13394.	1.8	14
15	Mutant lamins cause nuclear envelope rupture and DNA damage in skeletal muscle cells. Nature Materials, 2020, 19, 464-473.	13.3	148
16	LATE BREAKING NEWS E-POSTER PRESENTATION. Neuromuscular Disorders, 2020, 30, S171.	0.3	0
17	The 2021 version of the gene table of neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2020, 30, 1008-1048.	0.3	45
18	A guide to writing systematic reviews of rare disease treatments to generate FAIR-compliant datasets: building a Treatabolome. Orphanet Journal of Rare Diseases, 2020, 15, 206.	1.2	21

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19	Protein Kinase C Alpha Cellular Distribution, Activity, and Proximity with Lamin A/C in Striated Muscle Laminopathies. Cells, 2020, 9, 2388.	1.8	6
20	Activation of sarcolipin expression and altered calcium cycling in LMNA cardiomyopathy. Biochemistry and Biophysics Reports, 2020, 22, 100767.	0.7	11
21	Lamin A/C Assembly Defects in LMNA-Congenital Muscular Dystrophy Is Responsible for the Increased Severity of the Disease Compared with Emeryâ€“Dreifuss Muscular Dystrophy. Cells, 2020, 9, 844.	1.8	29
22	Consequences of Lmna Exon 4 Mutations in Myoblast Function. Cells, 2020, 9, 1286.	1.8	6
23	Microtubule cytoskeleton regulates Connexin 43 localization and cardiac conduction in cardiomyopathy caused by mutation in A-type lamins gene. Human Molecular Genetics, 2019, 28, 4043-4052.	1.4	35
24	214th ENMC International Workshop: Establishing an international consortium for gene discovery and clinical research for Congenital Muscle Disease, Heemskerk, the Netherlands, 6â€“18 October 2015. Neuromuscular Disorders, 2019, 29, 644-650.	0.3	2
25	Effect of genetic background on the cardiac phenotype in a mouse model of Emery-Dreifuss muscular dystrophy. Biochemistry and Biophysics Reports, 2019, 19, 100664.	0.7	15
26	P.143Correlation between dystrophin espression and clinical phenotype using high-throughput digital immunoanalysis in Duchenne and Becker muscular dystrophy patients. Neuromuscular Disorders, 2019, 29, S90.	0.3	0
27	P.245Morphological, ultrastructural and western blot analysis in adult and child with PLEC1-related myopathy. Neuromuscular Disorders, 2019, 29, S138.	0.3	0
28	P.252LGMD, exercise intolerance, ptosis, ophthalmoplegia and dermatologic features: the phenotypic pleiotropy of plectinopathies in 8 French families. Neuromuscular Disorders, 2019, 29, S140.	0.3	0
29	P.256Steroid treatment may change natural history in young children with LMNA mutations and dropped head syndrome. Neuromuscular Disorders, 2019, 29, S141.	0.3	2
30	The 2020 version of the gene table of neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2019, 29, 980-1018.	0.3	57
31	Deficiency of emerin contributes differently to the pathogenesis of skeletal and cardiac muscles in LmnaH222P/H222P mutant mice. PLoS ONE, 2019, 14, e0221512.	1.1	9
32	A Muscle Hybrid Promoter as a Novel Tool for Gene Therapy. Molecular Therapy - Methods and Clinical Development, 2019, 15, 157-169.	1.8	16
33	FHL1 is a major host factor for chikungunya virus infection. Nature, 2019, 574, 259-263.	13.7	49
34	Muscular dystrophy with arrhythmia caused by loss-of-function mutations in BVES. Neurology: Genetics, 2019, 5, e321.	0.9	26
35	Development and Validation of a New Risk Prediction Score for Life-Threatening Ventricular Tachyarrhythmias in Laminopathies. Circulation, 2019, 140, 293-302.	1.6	131
36	Targeted therapies for congenital myasthenic syndromes: systematic review and steps towards a treatabolome. Emerging Topics in Life Sciences, 2019, 3, 19-37.	1.1	47

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37	Cardiometabolic assessment of lamin A/C gene mutation carriers: a phenotypeâ€“genotype correlation. Diabetes and Metabolism, 2019, 45, 382-389.	1.4	22
38	A new case of SMA phenotype without epilepsy due to biallelic variants in ASAH1. European Journal of Human Genetics, 2019, 27, 337-339.	1.4	7
39	The mammalian LINC complex component SUN1 regulates muscle regeneration by modulating drosha activity. ELife, 2019, 8, .	2.8	12
40	SMAD6 overexpression leads to accelerated myogenic differentiation of LMNA mutated cells. Scientific Reports, 2018, 8, 5618.	1.6	6
41	Novel mutations in DNAJB6 cause <scp>LGMD</scp>1D and distal myopathy in French families. European Journal of Neurology, 2018, 25, 790-794.	1.7	23
42	Gene Therapy via Trans-Splicing for LMNA-Related Congenital Muscular Dystrophy. Molecular Therapy - Nucleic Acids, 2018, 10, 376-386.	2.3	29
43	Elevated TGF Î²2 serum levels in Emery-Dreifuss Muscular Dystrophy: Implications for myocyte and tenocyte differentiation and fibrogenic processes. Nucleus, 2018, 9, 337-349.	0.6	25
44	MoBiDiC Prioritization Algorithm, a Free, Accessible, and Efficient Pipeline for Single-Nucleotide Variant Annotation and Prioritization for Next-Generation Sequencing Routine Molecular Diagnosis. Journal of Molecular Diagnostics, 2018, 20, 465-473.	1.2	13
45	Lamin and the heart. Heart, 2018, 104, 468-479.	1.2	113
46	LGMD AUTOSOMAL RESSESSIVE AND DOMINANT. Neuromuscular Disorders, 2018, 28, S59-S60.	0.3	1
47	CONGENITAL MYOPATHIES: NEMALINE AND TITINOPATHIES. Neuromuscular Disorders, 2018, 28, S104-S105.	0.3	0
48	The Pathogenesis and Therapies of Striated Muscle Laminopathies. Frontiers in Physiology, 2018, 9, 1533.	1.3	30
49	The 2019 version of the gene table of neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2018, 28, 1031-1063.	0.3	33
50	Loss of Sarcomeric Scaffolding as a Common Baseline Histopathologic Lesion in Titin-Related Myopathies. Journal of Neuropathology and Experimental Neurology, 2018, 77, 1101-1114.	0.9	22
51	Amelioration of desmin network defects by Î±B-crystallin overexpression confers cardioprotection in a mouse model of dilated cardiomyopathy caused by LMNA gene mutation. Journal of Molecular and Cellular Cardiology, 2018, 125, 73-86.	0.9	31
52	Dystrophin quantification in Duchenne and Becker muscular dystrophy: correlation between dystrophin protein and clinical phenotype. Neuromuscular Disorders, 2018, 28, S7-S8.	0.3	0
53	N-acetyl cysteine alleviates oxidative stress and protects mice from dilated cardiomyopathy caused by mutations in nuclear A-type lamins gene. Human Molecular Genetics, 2018, 27, 3353-3360.	1.4	10
54	Rescue of biosynthesis of nicotinamide adenine dinucleotide protects the heart in cardiomyopathy caused by lamin A/C gene mutation. Human Molecular Genetics, 2018, 27, 3870-3880.	1.4	40

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55	Muscle imaging in laminopathies: Synthesis study identifies meaningful muscles for followâ€up. Muscle and Nerve, 2018, 58, 812-817.	1.0	8
56	The 13C hyperpolarized pyruvate generated by ParaHydrogen detects the response of the heart to altered metabolism in real time. Scientific Reports, 2018, 8, 8366.	1.6	119
57	Cofilin-1 phosphorylation catalyzed by ERK1/2 alters cardiac actin dynamics in dilated cardiomyopathy caused by lamin A/C gene mutation. Human Molecular Genetics, 2018, 27, 3060-3078.	1.4	42
58	Decreased WNT/Î²-catenin signalling contributes to the pathogenesis of dilated cardiomyopathy caused by mutations in the lamin a/C gene. Human Molecular Genetics, 2017, 26, ddw389.	1.4	58
59	Genetic Characterization of a French Cohort of GNEâ€mutation negative inclusion body myopathy patients with exome sequencing. Muscle and Nerve, 2017, 56, 993-997.	1.0	6
60	Cardiac manifestations of congenital LMNA-related muscular dystrophy in children: three case reports and recommendations for care. Cardiology in the Young, 2017, 27, 1076-1082.	0.4	20
61	Genetic characterization of a French cohort of GNE -mutation negative inclusion body myopathy patients using exome sequencing. Neuromuscular Disorders, 2017, 27, S149.	0.3	0
62	Welcome to the World Muscle Society Congress in Saint Malo. Neuromuscular Disorders, 2017, 27, S52-S53.	0.3	0
63	Anti-HMGCR Antibodyâ€“Related Necrotizing Autoimmune Myopathy Mimicking Muscular Dystrophy. Neuropediatrics, 2017, 48, 473-476.	0.3	15
64	The 2018 version of the gene table of monogenic neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2017, 27, 1152-1183.	0.3	41
65	Collagen VI deficiency: The heart of the matter. Neuromuscular Disorders, 2017, 27, S106.	0.3	0
66	A novel INPP5K mutation in a sibship from the Reunion Island. Neuromuscular Disorders, 2017, 27, S110-S111.	0.3	0
67	TIEG1 is a novel regulator of muscle mitochondrial biogenesis. Neuromuscular Disorders, 2017, 27, S117.	0.3	1
68	First results from the international LMNA -related congenital and childhood onset muscular dystrophy retrospective natural history study. Neuromuscular Disorders, 2017, 27, S137-S138.	0.3	0
69	Corticosteroid treatment in early-onset lamin A/C related muscular dystrophies. Neuromuscular Disorders, 2017, 27, S138.	0.3	1
70	Abnormal trafficking of connexin 43: A key element in the development of LMNA cardiomyopathy. Neuromuscular Disorders, 2017, 27, S139.	0.3	0
71	Novel recessive splice site mutation in POPDC1 (BVES) is associated with first-degree atrioventricular block and muscular dystrophy. Neuromuscular Disorders, 2017, 27, S139-S140.	0.3	2
72	POPDC1 gene mutation screening in patients with LGMD and heart disturbances: a mutation load effect?. Neuromuscular Disorders, 2017, 27, S140.	0.3	0

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73	Integrated analysis of the large-scale sequencing project â€œMyocaptureâ€• to identify novel genes for myopathies. Neuromuscular Disorders, 2017, 27, S195.	0.3	1
74	Morphological spectrum of RYR1 recessive myopathies: Clinical and genetic correlation.. Neuromuscular Disorders, 2017, 27, S239.	0.3	0
75	Lamins and nesprin-1 mediate inside-out mechanical coupling in muscle cell precursors through FHOD1. Scientific Reports, 2017, 7, 1253.	1.6	35
76	Ã‰valuation cardiomÃ©taboliques des laminopathies selon le type de mutation (R482 ou NON-R482). Diabetes and Metabolism, 2017, 43, A89-A90.	1.4	0
77	Clinical heterogeneity and phenotype/genotype findings in 5 families with GYG1 deficiency. Neurology: Genetics, 2017, 3, e208.	0.9	12
78	Clinical features and therapeutic strategies for managing the striated muscle laminopathies. Expert Opinion on Orphan Drugs, 2016, 4, 631-638.	0.5	1
79	Laminopathies: Why make it simple when it can be complex?. Neuromuscular Disorders, 2016, 26, S150-S151.	0.3	2
80	FHL1B Interacts with Lamin A/C andÂEmerin at the Nuclear Lamina andÂisÂMisregulated in Emery-Dreifuss Muscular Dystrophy. Journal of Neuromuscular Diseases, 2016, 3, 497-510.	1.1	17
81	The 2017 version of the gene table of monogenic neuromuscular disorders (nuclear genome). Neuromuscular Disorders, 2016, 26, 895-929.	0.3	10
82	Mutation in lamin A/C sensitizes the myocardium to exercise-induced mechanical stress but has no effect on skeletal muscles in mouse. Neuromuscular Disorders, 2016, 26, 490-499.	0.3	30
83	ERK1/2 directly acts on CTGF/CCN2 expression to mediate myocardial fibrosis in cardiomyopathy caused by mutations in the lamin A/C gene. Human Molecular Genetics, 2016, 25, 2220-2233.	1.4	76
84	Impaired Presynaptic High-Affinity Choline Transporter Causes a Congenital Myasthenic Syndrome with Episodic Apnea. American Journal of Human Genetics, 2016, 99, 753-761.	2.6	68
85	Cardiac arrhythmia and late-onset muscle weakness caused by a myofibrillar myopathy with unusual histopathological features due to a novel missense mutation in FLNC. Revue Neurologique, 2016, 172, 594-606.	0.6	19
86	Laminopathies disrupt epigenomic developmental programs and cell fate. Science Translational Medicine, 2016, 8, 335ra58.	5.8	91
87	Interest of whole-body muscle MRI for the diagnosis of Pompe disease in rigid spine syndrome and differential diagnosis. Neuromuscular Disorders, 2016, 26, S109.	0.3	0
88	OPALE: A patient registry for laminopathies and emerinopathies in France. Neuromuscular Disorders, 2016, 26, S138.	0.3	1
89	EGR2 mutation enhances phenotype spectrum of Dejerineâ€“Sottas syndrome. Journal of Neurology, 2016, 263, 1456-1458.	1.8	5
90	Pediatric laminopathies: Whole-body magnetic resonance imaging fingerprint and comparison with Sepn1 myopathy. Muscle and Nerve, 2016, 54, 192-202.	1.0	31

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91	Mechanosensing Defects in Nuclear Envelope Related Disorders. Biophysical Journal, 2016, 110, 96a.	0.2	0
92	La Myologie Ã lâ€™AcadÃ©mie Nationale de MÃ©decine. Les Cahiers De Myologie, 2016, , 3-4.	0.0	0
93	Whole exome sequencing at the Institute of Myology in the context of the Myocapture project to identify novel genes of myopathies. Neuromuscular Disorders, 2015, 25, S299.	0.3	0
94	An overview of new translational, clinical and therapeutic perspectives in laminopathies and other nuclear envelope-related diseases.. Orphanet Journal of Rare Diseases, 2015, 10, I1.	1.2	0
95	A common French-Italian laminopathy registry â€“ update & future prospects. Orphanet Journal of Rare Diseases, 2015, 10, .	1.2	0
96	Laminin Î±2 Deficiency-Related Muscular Dystrophy Mimicking Emery-Dreifuss andÂCollagen VI related Diseases. Journal of Neuromuscular Diseases, 2015, 2, 229-240.	1.1	30
97	Truncated prelamin A expression in HGPS-like patients: a transcriptional study. European Journal of Human Genetics, 2015, 23, 1051-1061.	1.4	24
98	Myofibrillar myopathies: State of the art, present and future challenges. Revue Neurologique, 2015, 171, 715-729.	0.6	38
99	Gene therapy via trans-splicing for LMNA-related congenital muscular dystrophy (L-CMD). Neuromuscular Disorders, 2015, 25, S280.	0.3	0
100	A new titinopathy. Neurology, 2015, 85, 2126-2135.	1.5	44
101	Mutations in ASAH1 may cause spinal muscular atrophy. Neuromuscular Disorders, 2015, 25, S225.	0.3	1
102	Exome sequencing identifies novel truncating TTN mutations with Emeryâ€“Dreifuss like muscular dystrophy and secondary calpain3 deficiency without cardiac abnormality. Neuromuscular Disorders, 2015, 25, S245.	0.3	0
103	Highly variable skeletal muscle histo-immunocytochemical and ultrastructural features in titin-related myopathies. Neuromuscular Disorders, 2015, 25, S287-S288.	0.3	0
104	Detection of TRIM32 deletions in LGMD patients analyzed by a combined strategy of CGH array and massively parallel sequencing. European Journal of Human Genetics, 2015, 23, 929-934.	1.4	21
105	Nuclear envelope and striated muscle diseases. Current Opinion in Cell Biology, 2015, 32, 1-6.	2.6	14
106	Severe dystonia, cerebellar atrophy, and cardiomyopathy likely caused by a missense mutation in TOR1AIP1. Orphanet Journal of Rare Diseases, 2014, 9, 174.	1.2	43
107	FHL1 mutations that cause clinically distinct human myopathies form protein aggregates and impair myoblast differentiation. Journal of Cell Science, 2014, 127, 2269-81.	1.2	19
108	P330Overexpression of the muscle specific chaperone Melusin delays heart failure and mortality in a mouse model of Emery Dreyfus cardiomyopathy. Cardiovascular Research, 2014, 103, S60.1-S60.	1.8	0

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109	Dystrophin quantification. Neurology, 2014, 83, 2062-2069.	1.5	73
110	Striated muscle laminopathies. Seminars in Cell and Developmental Biology, 2014, 29, 107-115.	2.3	48
111	Actin scaffolding by clathrin heavy chain is required for skeletal muscle sarcomere organization. Journal of Cell Biology, 2014, 205, 377-393.	2.3	60
112	Forelimb Treatment in a Large Cohort of Dystrophic Dogs Supports Delivery of a Recombinant AAV for Exon Skipping in Duchenne Patients. Molecular Therapy, 2014, 22, 1923-1935.	3.7	108
113	G.P.142. Neuromuscular Disorders, 2014, 24, 843-844.	0.3	2
114	G.P.145. Neuromuscular Disorders, 2014, 24, 844-845.	0.3	0
115	G.P.92. Neuromuscular Disorders, 2014, 24, 822.	0.3	1
116	G.P.281. Neuromuscular Disorders, 2014, 24, 901-902.	0.3	0
117	Cellular micro-environments reveal defective mechanosensing responses and elevated YAP signaling in LMNA-mutated muscle precursors. Journal of Cell Science, 2014, 127, 2873-84.	1.2	105
118	G.P.150. Neuromuscular Disorders, 2014, 24, 846.	0.3	0
119	Nuclear envelope proteins in health and diseases. Seminars in Cell and Developmental Biology, 2014, 29, 93-94.	2.3	5
120	P.5.16 Predominant right ventricular involvement in patients with laminopathies. Neuromuscular Disorders, 2013, 23, 768-769.	0.3	0
121	Emeryâ€“Dreifuss muscular dystrophy, laminopathies, and other nuclear envelopathies. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 113, 1367-1376.	1.0	96
122	A novel genetic variant in the transcription factor Islet-1 exerts gain of function on myocyte enhancer factor 2C promoter activity. European Journal of Heart Failure, 2013, 15, 267-276.	2.9	21
123	Muscle dystrophy-causing Î”K32 lamin A/C mutant does not impair functions of nucleoplasmic LAP2Î± - lamin A/C complexes in mice. Journal of Cell Science, 2013, 126, 1753-62.	1.2	31
124	P.1.15 Clinical heterogeneity of myopathy related to partial merosin deficiency. Neuromuscular Disorders, 2013, 23, 746.	0.3	1
125	Mutations in Lamin A/C Gene Causes Mechanosensing Defects in Human Myoblasts. Biophysical Journal, 2013, 104, 374a.	0.2	0
126	Role of dynamin 2 in the disassembly of focal adhesions. Journal of Molecular Medicine, 2013, 91, 803-809.	1.7	7

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127	Nuclear accumulation of androgen receptor in gender difference of dilated cardiomyopathy due to lamin A/C mutations. Cardiovascular Research, 2013, 99, 382-394.	1.8	41
128	Myoblasts and Embryonic Stem Cells Differentially Engraft in a Mouse Model of Genetic Dilated Cardiomyopathy. Molecular Therapy, 2013, 21, 1064-1075.	3.7	9
129	Heterozygous LmnadelK32 mice develop dilated cardiomyopathy through a combined pathomechanism of haploinsufficiency and peptide toxicity. Human Molecular Genetics, 2013, 22, 3152-3164.	1.4	72
130	Skeletal Muscle Biopsy Analysis in Reducing Body Myopathy and Other FHL1-Related Disorders. Journal of Neuropathology and Experimental Neurology, 2013, 72, 833-845.	0.9	36
131	â€˜State-of-the-heartâ€™ of cardiac laminopathies. Current Opinion in Cardiology, 2013, 28, 297-304.	0.8	60
132	Hypoplasia of the Aorta in a Patient Diagnosed withLMNAGene Mutation. Congenital Heart Disease, 2013, 8, E127-E129.	0.0	3
133	Distinctive Serum miRNA Profile in Mouse Models of Striated Muscular Pathologies. PLoS ONE, 2013, 8, e55281.	1.1	97
134	DelK32-lamin A/C has abnormal location and induces incomplete tissue maturation and severe metabolic defects leading to premature death. Human Molecular Genetics, 2012, 21, 1037-1048.	1.4	77
135	Treatment with selumetinib preserves cardiac function and improves survival in cardiomyopathy caused by mutation in the lamin A/C gene. Cardiovascular Research, 2012, 93, 311-319.	1.8	86
136	Evidence for FHL1 as a novel disease gene for isolated hypertrophic cardiomyopathy. Human Molecular Genetics, 2012, 21, 3237-3254.	1.4	106
137	Blood glutathione decrease in subjects carrying lamin A/C gene mutations is an early marker of cardiac involvement. Neuromuscular Disorders, 2012, 22, 252-257.	0.3	7
138	D.P.2 Next generation sequencing after selected DNA capture as a tool for molecular diagnosis of neuromuscular disorders. Neuromuscular Disorders, 2012, 22, 807-808.	0.3	0
139	D.P.25 Mutation in lamin A/C gene causes mechanotransduction defects in human myoblasts. Neuromuscular Disorders, 2012, 22, 825.	0.3	0
140	G.P.18 Muscle pathology and dysfunction in a novel mouse model of COLVI-myopathy. Neuromuscular Disorders, 2012, 22, 827-828.	0.3	2
141	G.P.120 FHL1-related Reducing Body Myopathy and Emeryâ€“Dreifuss muscular dystrophy: A comparative histoenzymological, immunohistochemical and ultrastructural study. Neuromuscular Disorders, 2012, 22, 902.	0.3	0
142	G.P.122 Heterozygous LmnadelK32 mutant mice showed alterations of the ubiquitinâ€“proteasome system and developed dilated cardiomyopathy. Neuromuscular Disorders, 2012, 22, 903.	0.3	0
143	3D Culture of Human Muscle Cells Modulates Cell-Matrix Adhesions and Actin Cytoskeleton Organization. Biophysical Journal, 2012, 102, 417a.	0.2	0
144	Diseases of the Nucleoskeleton. , 2012, , 1003-1012.		0

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145	Complex Interactions between Human Myoblasts and the Surrounding 3D Fibrin-Based Matrix. PLoS ONE, 2012, 7, e36173.	1.1	83
146	Lamin A/C Mutants Disturb Sumo1 Localization and Sumoylation in Vitro and in Vivo. PLoS ONE, 2012, 7, e45918.	1.1	26
147	A Centronuclear Myopathy â€“ Dynamin 2 Mutation Impairs Autophagy in Mice. Traffic, 2012, 13, 869-879.	1.3	52
148	Guiding the molecular diagnosis of hypertrophic cardiomyopathy. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 1234.	0.4	0
149	What Should the Cardiologist know about Lamin Disease?. Arrhythmia and Electrophysiology Review, 2012, 1, 22.	1.3	24
150	Distinction Between Two Populations of Islet-1-Positive Cells in Hearts of Different Murine Strains. Stem Cells and Development, 2011, 20, 1043-1052.	1.1	32
151	MicroRNA expression profiling in patients with lamin A/Câ€associated muscular dystrophy. FASEB Journal, 2011, 25, 3966-3978.	0.2	42
152	N-terminal Pro brain natriuretic peptide is a reliable biomarker of reduced myocardial contractility in patients with lamin A/C gene mutations. International Journal of Cardiology, 2011, 151, 160-163.	0.8	4
153	P5.62 Garches muscle Whole-Body MRI protocol: Pattern recognition in early onset neuromuscular disorders. Neuromuscular Disorders, 2011, 21, 742-743.	0.3	0
154	P2.10 A new form of congenital muscular dystrophy with subsarcolemmal inclusions arising from disintegrated myonuclei. Neuromuscular Disorders, 2011, 21, 663-664.	0.3	0
155	P2.41 From Emery-Dreifuss muscular dystrophy to striated muscle laminopathies. A 12years retrospective. Neuromuscular Disorders, 2011, 21, 672-673.	0.3	0
156	P2.43 Revisiting X-linked Emery-Dreifuss muscular dystrophy. New insights into an old story. Neuromuscular Disorders, 2011, 21, 673.	0.3	0
157	Clinical and genetic heterogeneity in laminopathies. Biochemical Society Transactions, 2011, 39, 1687-1692.	1.6	107
158	Type B mandibuloacral dysplasia with congenital myopathy due to homozygous ZMPSTE24 missense mutation. European Journal of Human Genetics, 2011, 19, 647-654.	1.4	44
159	Association of Adult-Onset Glycogenosis Type II and a Mutation in the LMNA Gene in Two Patients: Different Clinical and Histological Phenotypes. Clinical Therapeutics, 2011, 33, S36.	1.1	0
160	Modifier locus of the skeletal muscle involvement in Emeryâ€“Dreifuss muscular dystrophy. Human Genetics, 2011, 129, 149-159.	1.8	32
161	ColVI myopathies: where do we stand, where do we go?. Skeletal Muscle, 2011, 1, 30.	1.9	84
162	Cardioembolic stroke prompting diagnosis of LMNAâ€associated Emeryâ€“Dreifuss muscular dystrophy. Muscle and Nerve, 2011, 44, 587-589.	1.0	7

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163	Mitogen-Activated Protein Kinase Inhibitors Improve Heart Function and Prevent Fibrosis in Cardiomyopathy Caused by Mutation in Lamin A/C Gene. Circulation, 2011, 123, 53-61.	1.6	154
164	Contractures and hypertrophic cardiomyopathy in a novel FHL1 mutation. Annals of Neurology, 2010, 67, 136-140.	2.8	64
165	Improvement of Left Ventricular Dysfunction and of Survival Prognosis of Dilated Cardiomyopathy by Administration of Calcium Sensitizer SCH00013 in a Mouse Model. Journal of the American College of Cardiology, 2010, 55, 1503-1505.	1.2	20
166	Pharmacological inhibition of c-Jun N-terminal kinase signaling prevents cardiomyopathy caused by mutation in LMNA gene. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 632-638.	1.8	52
167	Differentiating Emery-Dreifuss muscular dystrophy and collagen VI-related myopathies using a specific CT scanner pattern. Neuromuscular Disorders, 2010, 20, 517-523.	0.3	31
168	O.4 Mouse model of LMNA-congenital muscular dystrophy shows severe skeletal and cardiac muscle maturation defects associated with major metabolic defects leading to early death. Neuromuscular Disorders, 2010, 20, 598.	0.3	0
169	P1.15 DNA micro-arrays for revisiting molecular pathology in neuromuscular disorders. Neuromuscular Disorders, 2010, 20, 604.	0.3	1
170	P2.18 A novel missense FLNC mutation causes arrhythmia and late onset myofibrillar myopathy with particular histopathology features. Neuromuscular Disorders, 2010, 20, 623-624.	0.3	4
171	Upregulation of PPARÎ²/Î´ Is Associated with Structural and Functional Changes in the Type I Diabetes Rat Diaphragm. PLoS ONE, 2010, 5, e11494.	1.1	9
172	MHC Class II Deficiency. , 2009, , 1306-1308.		0
173	Autophagic degradation of nuclear components in mammalian cells. Autophagy, 2009, 5, 795-804.	4.3	189
174	Lamin A/Câ€“mediated neuromuscular junction defects in Emery-Dreifuss muscular dystrophy. Journal of Cell Biology, 2009, 184, 31-44.	2.3	105
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