Eric P Hoffman

List of Publications by Year
in descending order

421 papers	32,795 citations	5430 85 h-index	5873 166 g-index
478 all docs	478 docs citations	478 times ranked	28909 citing authors

#	Article	IF	Citations
1	Influence of Î²2 adrenergic receptor genotype on longitudinal measures of forced vital capacity in patients with Duchenne muscular dystrophy. Neuromuscular Disorders, 2022, 32, 150-158.	0.3	3
2	Acute serum protein and cytokine response of single dose of prednisone in adult volunteers. Steroids, 2022, 178, 108953.	0.8	4
3	Efficacy and Safety of Vamorolone in Duchenne Muscular Dystrophy. JAMA Network Open, 2022, 5, e2144178.	2.8	31
4	A mouse model of inherited choline kinase Î²-deficiency presents with specific cardiac abnormalities and a predisposition to arrhythmia. Journal of Biological Chemistry, 2022, 298, 101716.	1.6	4
5	Mechanism of action and therapeutic route for a muscular dystrophy caused by a genetic defect in lipid metabolism. Nature Communications, 2022, 13, 1559.	5.8	9
6	Genetic modifiers of upper limb function in Duchenne muscular dystrophy. Journal of Neurology, 2022, 269, 4884-4894.	1.8	2
7	Long-Term Functional Efficacy and Safety of Viltolarsen in Patients with Duchenne Muscular Dystrophy. Journal of Neuromuscular Diseases, 2022, 9, 493-501.	1.1	31
8	The Influence of Metabolic Syndrome Risk Factors on Carotid Intima Media Thickness in Children. Global Pediatric Health, 2021, 8, 2333794X2098745.	0.3	3
9	Biomarker-focused multi-drug combination therapy and repurposing trial in mdx mice. PLoS ONE, 2021, 16, e0246507.	1.1	10
10	Concerns Regarding Therapeutic Implications of Very Lowâ€Level Dystrophin. Annals of Neurology, 2021, 90, 176-176.	2.8	3
11	Elevation of fast but not slow troponin I in the circulation of patients with Becker and Duchenne muscular dystrophy. Muscle and Nerve, 2021, 64, 43-49.	1.0	13
12	Human muscle stem cells are refractory to aging. Aging Cell, 2021, 20, e13411.	3.0	18
13	Exon-Skipping in Duchenne Muscular Dystrophy. Journal of Neuromuscular Diseases, 2021, 8, S343-S358.	1.1	34
14	Blunted circadian cortisol in children is associated with poor cardiovascular health and may reflect circadian misalignment. Psychoneuroendocrinology, 2021, 129, 105252.	1.3	6
15	Validation of Chemokine Biomarkers in Duchenne Muscular Dystrophy. Life, 2021, 11, 827.	1.1	6
16	Effects of Chronic, Maximal Phosphorodiamidate Morpholino Oligomer (PMO) Dosing on Muscle Function and Dystrophin Restoration in a Mouse Model of Duchenne Muscular Dystrophy. Journal of Neuromuscular Diseases, 2021, 8, S369-S381.	1.1	1
17	A Dystrophin Exon-52 Deleted Miniature Pig Model of Duchenne Muscular Dystrophy and Evaluation of Exon Skipping. International Journal of Molecular Sciences, 2021, 22, 13065.	1.8	9
18	Absolute quantification of dystrophin protein in human muscle biopsies using parallel reaction monitoring (PRM). Journal of Mass Spectrometry, 2020, 55, e4437.	0.7	13

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19	TCTEX1D1 is a genetic modifier of disease progression in Duchenne muscular dystrophy. European Journal of Human Genetics, 2020, 28, 815-825.	1.4	36
20	A long-read RNA-seq approach to identify novel transcripts of very large genes. Genome Research, 2020, 30, 885-897.	2.4	29
21	Efficacy and safety of vamorolone in Duchenne muscular dystrophy:ÂAn 18-month interim analysis of a non-randomized open-label extension study. PLoS Medicine, 2020, 17, e1003222.	3.9	41
22	Novel mutation identification and copy number variant detection via exome sequencing in congenital muscular dystrophy. Molecular Genetics & Genomic Medicine, 2020, 8, e1387.	0.6	3
23	Disruption of a key ligand-H-bond network drives dissociative properties in vamorolone for Duchenne muscular dystrophy treatment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24285-24293.	3.3	26
24	Exposureâ€Response Analysis of Vamorolone (VBP15) in Boys With Duchenne Muscular Dystrophy. Journal of Clinical Pharmacology, 2020, 60, 1385-1396.	1.0	8
25	Safety, Tolerability, and Efficacy of Viltolarsen in Boys With Duchenne Muscular Dystrophy Amenable to Exon 53 Skipping. JAMA Neurology, 2020, 77, 982.	4.5	169
26	Serum biomarkers associated with baseline clinical severity in young steroid-naÃ¯ve Duchenne muscular dystrophy boys. Human Molecular Genetics, 2020, 29, 2481-2495.	1.4	19
27	The discovery of dystrophin, the protein product of the Duchenne muscular dystrophy gene. FEBS Journal, 2020, 287, 3879-3887.	2.2	27
28	MicroRNA Profiling in Adipose Before and After Weight Loss Highlights the Role of miRâ€223â€3p and the NLRP3 Inflammasome. Obesity, 2020, 28, 570-580.	1.5	11
29	Muscle Weakness in Myositis: MicroRNAâ€Mediated Dystrophin Reduction in a Myositis Mouse Model and Human Muscle Biopsies. Arthritis and Rheumatology, 2020, 72, 1170-1183.	2.9	26
30	Genetic modifiers of respiratory function in Duchenne muscular dystrophy. Annals of Clinical and Translational Neurology, 2020, 7, 786-798.	1.7	36
31	Causes of clinical variability in Duchenne and Becker muscular dystrophies and implications for exon skipping therapies. Acta Myologica, 2020, 39, 179-186.	1.5	7
32	Title is missing!. , 2020, 17, e1003222.		0
33	Title is missing!. , 2020, 17, e1003222.		0
34	Title is missing!. , 2020, 17, e1003222.		0
35	Title is missing!. , 2020, 17, e1003222.		0
36	Title is missing!. , 2020, 17, e1003222.		0

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37	Title is missing!. , 2020, 17, e1003222.		0
38	Orthogonal analysis of dystrophin protein and mRNA as a surrogate outcome for drug development. Biomarkers in Medicine, 2019, 13, 1209-1225.	0.6	10
39	Pharmacotherapy of Duchenne Muscular Dystrophy. Handbook of Experimental Pharmacology, 2019, 261, 25-37.	0.9	17
40	Disease-specific and glucocorticoid-responsive serum biomarkers for Duchenne Muscular Dystrophy. Scientific Reports, 2019, 9, 12167.	1.6	35
41	Discovery of potential urine-accessible metabolite biomarkers associated with muscle disease and corticosteroid response in the mdx mouse model for Duchenne. PLoS ONE, 2019, 14, e0219507.	1.1	5
42	Influence of Î²2 adrenergic receptor genotype on risk of nocturnal ventilation in patients with Duchenne muscular dystrophy. Respiratory Research, 2019, 20, 221.	1.4	8
43	Developmental Pharmacodynamics and Modeling in Pediatric Drug Development. Journal of Clinical Pharmacology, 2019, 59, S87-S94.	1.0	13
44	Biomarkers for Muscle Disease Gene Therapy. , 2019, , 239-252.		0
45	Asymmetric independence modeling identifies novel gene-environment interactions. Scientific Reports, 2019, 9, 2455.	1.6	0
46	Morpholinoâ€induced exon skipping stimulates cellâ€mediated and humoral responses to dystrophin in mdx mice. Journal of Pathology, 2019, 248, 339-351.	2.1	16
47	Population Pharmacokinetics of Vamorolone (VBP15) in Healthy Men and Boys With Duchenne Muscular Dystrophy. Journal of Clinical Pharmacology, 2019, 59, 979-988.	1.0	11
48	Vamorolone trial in Duchenne muscular dystrophy shows dose-related improvement of muscle function. Neurology, 2019, 93, e1312-e1323.	1.5	64
49	Genome-Wide Association Studies in Muscle Physiology and Disease. , 2019, , 9-30.		2
50	Vamorolone targets dual nuclear receptors to treat inflammation and dystrophic cardiomyopathy. Life Science Alliance, 2019, 2, e201800186.	1.3	49
51	Congenital Titinopathy: Comprehensive characterization and pathogenic insights. Annals of Neurology, 2018, 83, 1105-1124.	2.8	93
52	A genetic variant in <scp>IL</scp>â€15RÎ± correlates with physical activity among Europeanâ€“American adults. Molecular Genetics & Genomic Medicine, 2018, 6, 401-408.	0.6	10
53	Phase 1 trial of vamorolone, a first-in-class steroid, shows improvements in side effects via biomarkers bridged to clinical outcomes. Steroids, 2018, 134, 43-52.	0.8	54
54	Expression of macrophage genes within skeletal muscle correlates inversely with adiposity and insulin resistance in humans. Applied Physiology, Nutrition and Metabolism, 2018, 43, 187-193.	0.9	7

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55	Long-term effects of glucocorticoids on function, quality of life, and survival in patients with Duchenne muscular dystrophy: a prospective cohort study. Lancet, The, 2018, 391, 451-461.	6.3	306
56	PCB exposure and potential future cancer incidence in Slovak children: an assessment from molecular finger printing by Ingenuity Pathway Analysis (IPAÂ®) derived from experimental and epidemiological investigations. Environmental Science and Pollution Research, 2018, 25, 16493-16507.	2.7	24
57	Mechanisms of allelic and clinical heterogeneity of lamin A/C phenotypes. Physiological Genomics, 2018, 50, 694-704.	1.0	8
58	Serum biomarkers of glucocorticoid response and safety in anti-neutrophil cytoplasmic antibody-associated vasculitis and juvenile dermatomyositis. Steroids, 2018, 140, 159-166.	0.8	24
59	Phase IIa trial in Duchenne muscular dystrophy shows vamorolone is a first-in-class dissociative steroidal anti-inflammatory drug. Pharmacological Research, 2018, 136, 140-150.	3.1	69
60	Membrane Stabilization by Modified Steroid Offers a Potential Therapy for Muscular Dystrophy Due to Dysferlin Deficit. Molecular Therapy, 2018, 26, 2231-2242.	3.7	51
61	Muscle miRNAome shows suppression of chronic inflammatory miRNAs with both prednisone and vamorolone. Physiological Genomics, 2018, 50, 735-745.	1.0	30
62	Genetic Variation in Acid Ceramidase Predicts Non-completion of an Exercise Intervention. Frontiers in Physiology, 2018, 9, 781.	1.3	8
63	Neurodevelopmental Needs in Young Boys with Duchenne Muscular Dystrophy (DMD): Observations from the Cooperative International Neuromuscular Research Group (CINRG) DMD Natural History Study (DNHS).. PLOS Currents, 2018, 10, .	1.4	9
64	Evidence for ACTN3 as a genetic modifier of Duchenne muscular dystrophy. Nature Communications, 2017, 8, 14143.	5.8	58
65	Genetic characterization of physical activity behaviours in university students enrolled in kinesiology degree programs. Applied Physiology, Nutrition and Metabolism, 2017, 42, 278-284.	0.9	5
66	miRTarVis+: Web-based interactive visual analytics tool for microRNA target predictions. Methods, 2017, 124, 78-88.	1.9	19
67	Myoblasts and macrophages are required for therapeutic morpholino antisense oligonucleotide delivery to dystrophic muscle. Nature Communications, 2017, 8, 941.	5.8	44
68	The Relationship between Coronary Artery Disease Risk Factors and Carotid Intima-Media Thickness in Children. Journal of Pediatrics, 2017, 190, 38-42.	0.9	12
69	Osteopontin is linked with AKT, FoxO1, and myostatin in skeletal muscle cells. Muscle and Nerve, 2017, 56, 1119-1127.	1.0	12
70	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	5.8	147
71	The angiotensin-converting enzyme insertion/deletion polymorphism rs4340 associates with habitual physical activity among European American adults. Molecular Genetics & Genomic Medicine, 2017, 5, 524-530.	0.6	7
72	African-American esophageal squamous cell carcinoma expression profile reveals dysregulation of stress response and detox networks. BMC Cancer, 2017, 17, 426.	1.1	18

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73	Novel Col12A1 variant expands the clinical picture of congenital myopathies with extracellular matrix defects. Muscle and Nerve, 2017, 55, 277-281.	1.0	31
74	Metataxonomic and Metagenomic Approaches vs. Culture-Based Techniques for Clinical Pathology. Frontiers in Microbiology, 2016, 7, 484.	1.5	78
75	Discovery of Metabolic Biomarkers for Duchenne Muscular Dystrophy within a Natural History Study. PLoS ONE, 2016, 11, e0153461.	1.1	26
76	Targeted Re-Sequencing Emulsion PCR Panel for Myopathies: Results in 94 Cases. Journal of Neuromuscular Diseases, 2016, 3, 209-225.	1.1	18
77	Pyruvate Dehydrogenase Phosphatase Regulatory Gene Expression Correlates with Exercise Training Insulin Sensitivity Changes. Medicine and Science in Sports and Exercise, 2016, 48, 2387-2397.	0.2	7
78	Mathematical modelling of transcriptional heterogeneity identifies novel markers and subpopulations in complex tissues. Scientific Reports, 2016, 6, 18909.	1.6	57
79	Muscle myeloid type I interferon gene expression may predict therapeutic responses to rituximab in myositis patients. Rheumatology, 2016, 55, 1673-1680.	0.9	11
80	Salivary latent trait cortisol (LTC): Relation to lipids, blood pressure, and body composition in middle childhood. Psychoneuroendocrinology, 2016, 71, 110-118.	1.3	9
81	Homozygous mutation in Atlastin GTPase 1 causes recessive hereditary spastic paraplegia. Journal of Human Genetics, 2016, 61, 571-573.	1.1	10
82	Examination of Lifestyle Behaviors and Cardiometabolic Risk Factors in University Students Enrolled in Kinesiology Degree Programs. Journal of Strength and Conditioning Research, 2016, 30, 1137-1146.	1.0	6
83	OPNâ€a induces muscle inflammation by increasing recruitment and activation of proâ€inflammatory macrophages. Experimental Physiology, 2016, 101, 1285-1300.	0.9	19
84	Identification of Pathway-Specific Serum Biomarkers of Response to Glucocorticoid and Infliximab Treatment in Children with Inflammatory Bowel Disease. Clinical and Translational Gastroenterology, 2016, 7, e192.	1.3	46
85	DMD genotypes and loss of ambulation in the CINRG Duchenne Natural History Study. Neurology, 2016, 87, 401-409.	1.5	119
86	Association Study of Exon Variants in the NF-Î²B and TGFÎ² Pathways Identifies CD40 as a Modifier of Duchenne Muscular Dystrophy. American Journal of Human Genetics, 2016, 99, 1163-1171.	2.6	71
87	Serum pharmacodynamic biomarkers for chronic corticosteroid treatment of children. Scientific Reports, 2016, 6, 31727.	1.6	40
88	Laminopathies disrupt epigenomic developmental programs and cell fate. Science Translational Medicine, 2016, 8, 335ra58.	5.8	91
89	Clinical utility of serum biomarkers in Duchenne muscular dystrophy. Clinical Proteomics, 2016, 13, 9.	1.1	70
90	Diagnosis and etiology of congenital muscular dystrophy: We are halfway there. Annals of Neurology, 2016, 80, 101-111.	2.8	57

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91	Somatic mosaicism due to a reversion variant causing hemi-atrophy: a novel variant of dystrophinopathy. European Journal of Human Genetics, 2016, 24, 1511-1514.	1.4	8
92	Glucocorticoid Receptor (NR3C1) Variants Associate with the Muscle Strength and Size Response to Resistance Training. PLoS ONE, 2016, 11, e0148112.	1.1	9
93	miRTarVis: an interactive visual analysis tool for microRNA-mRNA expression profile data. BMC Proceedings, 2015, 9, S2.	1.8	64
94	TNF-Î±-Induced microRNAs Control Dystrophin Expression in Becker Muscular Dystrophy. Cell Reports, 2015, 12, 1678-1690.	2.9	62
95	Elusive sources of variability of dystrophin rescue by exon skipping. Skeletal Muscle, 2015, 5, 44.	1.9	26
96	The ACTN3 R577X Polymorphism Is Associated with Cardiometabolic Fitness in Healthy Young Adults. PLoS ONE, 2015, 10, e0130644.	1.1	30
97	Genetic modifiers of ambulation in the cooperative international Neuromuscular research group Duchenne natural history study. Annals of Neurology, 2015, 77, 684-696.	2.8	111
98	Upregulated IL-1Î² in dysferlin-deficient muscle attenuates regeneration by blunting the response to pro-inflammatory macrophages. Skeletal Muscle, 2015, 5, 24.	1.9	26
99	Exome Sequencing Identifies DYNC1H1 Variant Associated With Vertebral Abnormality and Spinal Muscular Atrophy With Lower Extremity Predominance. Pediatric Neurology, 2015, 52, 239-244.	1.0	27
100	VBP15, a Novel Anti-Inflammatory, is Effective at Reducing the Severity of Murine Experimental Autoimmune Encephalomyelitis. Cellular and Molecular Neurobiology, 2015, 35, 377-387.	1.7	21
101	Recessive ACTA1 variant causes congenital muscular dystrophy with rigid spine. European Journal of Human Genetics, 2015, 23, 883-886.	1.4	23
102	An analysis of DNA methylation in human adipose tissue reveals differential modification of obesity genes before and after gastric bypass and weight loss. Genome Biology, 2015, 16, 8.	3.8	200
103	Immune-mediated pathology in Duchenne muscular dystrophy. Science Translational Medicine, 2015, 7, 299rv4.	5.8	209
104	Dystrophinopathies. , 2015, , 1103-1111.		2
105	Large-scale serum protein biomarker discovery in Duchenne muscular dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7153-7158.	3.3	235
106	Transcriptional profiling and biological pathway analysis of human equivalence PCB exposure in vitro: Indicator of disease and disorder development in humans. Environmental Research, 2015, 138, 202-216.	3.7	19
107	Contemporary Cardiac Issues in Duchenne Muscular Dystrophy. Circulation, 2015, 131, 1590-1598.	1.6	240
108	Obesity-Related Genetic Variants and their Associations with Physical Activity. Sports Medicine - Open, 2015, 1, 34.	1.3	15

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109	Global Gene Expression Profiling in R155H Knock-In Murine Model of VCP Disease. Clinical and Translational Science, 2015, 8, 8-16.	1.5	3
110	Prednisone/prednisolone and deflazacort regimens in the CINRG Duchenne Natural History Study. Neurology, 2015, 85, 1048-1055.	1.5	138
111	The use of urinary and kidney SILAM proteomics to monitor kidney response to high dose morpholino oligonucleotides in the mdx mouse. Toxicology Reports, 2015, 2, 838-849.	1.6	24
112	KDDN: an open-source Cytoscape app for constructing differential dependency networks with significant rewiring. Bioinformatics, 2015, 31, 287-289.	1.8	17
113	Genetic Modifiers of Duchenne Muscular Dystrophy and Dilated Cardiomyopathy. PLoS ONE, 2015, 10, e0141240.	1.1	58
114	Discovery of serum protein biomarkers in the mdx mouse model and cross-species comparison to Duchenne muscular dystrophy patients. Human Molecular Genetics, 2014, 23, 6458-6469.	1.4	106
115	Natural Progression of Childhood Asthma Symptoms and Strong Influence of Sex and Puberty. Annals of the American Thoracic Society, 2014, 11, 939-944.	1.5	75
116	Pharmacologic Management of Duchenne Muscular Dystrophy: Target Identification and Preclinical Trials. ILAR Journal, 2014, 55, 119-149.	1.8	44
117	Mitotic Asynchrony Induces Transforming Growth Factor-Î²1 Secretion from Airway Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 363-369.	1.4	12
118	Response to Comment on Sprouse et al.SLC30A8Nonsynonymous Variant Is Associated With Recovery Following Exercise and Skeletal Muscle Size and Strength. Diabetes 2014;63:363â€“368. Diabetes, 2014, 63, e9-e10.	0.3	3
119	Eccentric muscle challenge shows osteopontin polymorphism modulation of muscle damage. Human Molecular Genetics, 2014, 23, 4043-4050.	1.4	22
120	Exon-Skipping Therapy: A Roadblock, Detour, or Bump in the Road?. Science Translational Medicine, 2014, 6, 230fs14.	5.8	32
121	Rhinovirus infection in young children is associated with elevated airway TSLP levels. European Respiratory Journal, 2014, 44, 1075-1078.	3.1	45
122	Neck and Waist Circumference Biomarkers of Cardiovascular Risk in a Cohort of Predominantly African-American College Students: A Preliminary Study. Journal of the Academy of Nutrition and Dietetics, 2014, 114, 107-116.	0.4	27
123	SLC30A8 Nonsynonymous Variant Is Associated With Recovery Following Exercise and Skeletal Muscle Size and Strength. Diabetes, 2014, 63, 363-368.	0.3	20
124	Multi-omic integrated networks connect DNA methylation and miRNA with skeletal muscle plasticity to chronic exercise in Type 2 diabetic obesity. Physiological Genomics, 2014, 46, 747-765.	1.0	100
125	Single-Molecule Long-Read 16S Sequencing To Characterize the Lung Microbiome from Mechanically Ventilated Patients with Suspected Pneumonia. Journal of Clinical Microbiology, 2014, 52, 3913-3921.	1.8	69
126	A rebirth for drisapersen in Duchenne muscular dystrophy?. Lancet Neurology, The, 2014, 13, 963-965.	4.9	5

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127	Metabolite signatures of exercise training in human skeletal muscle relate to mitochondrial remodelling and cardiometabolic fitness. Diabetologia, 2014, 57, 2282-2295.	2.9	121
128	Asynchronous remodeling is a driver of failed regeneration in Duchenne muscular dystrophy. Journal of Cell Biology, 2014, 207, 139-158.	2.3	130
129	Knowledge-fused differential dependency network models for detecting significant rewiring in biological networks. BMC Systems Biology, 2014, 8, 87.	3.0	26
130	Predicting age at loss of ambulation in Duchenne muscular dystrophy with deep phenotypic measures. , 2014, , .		0
131	Non-Invasive MRI and Spectroscopy of mdx Mice Reveal Temporal Changes in Dystrophic Muscle Imaging and in Energy Deficits. PLoS ONE, 2014, 9, e112477.	1.1	26
132	Molecular Diagnosis and Genetic Testing. , 2014, , 271-284.		0
133	ACTN3 genotype predicts metabolic, anthropometric and cardiovascular phenotypes in a young, healthy population (711.8). FASEB Journal, 2014, 28, 711.8.	0.2	0
134	The SORT1 risk allele is associated with exaggerated postprandial lipaemia in young adults (383.5). FASEB Journal, 2014, 28, 383.5.	0.2	0
135	A novel mutation expands the genetic and clinical spectrum of MYH7-related myopathies. Neuromuscular Disorders, 2013, 23, 432-436.	0.3	35
136	Microarray Analysis Reveals Novel Features of the Muscle Aging Process in Men and Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 1035-1044.	1.7	50
137	Mutations in GDP-Mannose Pyrophosphorylase B Cause Congenital and Limb-Girdle Muscular Dystrophies Associated with Hypoglycosylation of Î±-Dystroglycan. American Journal of Human Genetics, 2013, 93, 29-41.	2.6	197
138	Sparing of the Dystrophin-Deficient Cranial Sartorius Muscle Is Associated with Classical and Novel Hypertrophy Pathways in GRMD Dogs. American Journal of Pathology, 2013, 183, 1411-1424.	1.9	37
139	Impaired autophagy, chaperone expression, and protein synthesis in response to critical illness interventions in porcine skeletal muscle. Physiological Genomics, 2013, 45, 477-486.	1.0	27
140	Effect of the SORT1 low-density lipoprotein cholesterol locus is sex-specific in a fit, Canadian young-adult population. Applied Physiology, Nutrition and Metabolism, 2013, 38, 188-193.	0.9	9
141	VBP15: Preclinical characterization of a novel anti-inflammatory delta 9,11 steroid. Bioorganic and Medicinal Chemistry, 2013, 21, 2241-2249.	1.4	50
142	Effects of corticosteroids in the development of limb muscle weakness in a porcine intensive care unit model. Physiological Genomics, 2013, 45, 312-320.	1.0	15
143	Alterations in Osteopontin Modify Muscle Size in Females in Both Humans and Mice. Medicine and Science in Sports and Exercise, 2013, 45, 1060-1068.	0.2	35
144	Highlights from the Functional Single Nucleotide Polymorphisms Associated with Human Muscle Size and Strength or FAMuSS Study. BioMed Research International, 2013, 2013, 1-11.	0.9	22

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145	Identification of Disease Specific Pathways Using in Vivo SILAC Proteomics in Dystrophin Deficient mdx Mouse. Molecular and Cellular Proteomics, 2013, 12, 1061-1073.	2.5	88
146	Short Read (Next-Generation) Sequencing. Circulation: Cardiovascular Genetics, 2013, 6, 427-434.	5.1	23
147	The cooperative international neuromuscular research group duchenne natural history studyâ€"a longitudinal investigation in the era of glucocorticoid therapy: Design of protocol and the methods used. Muscle and Nerve, 2013, 48, 32-54.	1.0	145
148	Differential Gene Expression Reveals Mitochondrial Dysfunction in an Imprinting Center Deletion Mouse Model of Praderâ€"Willi Syndrome. Clinical and Translational Science, 2013, 6, 347-355.	1.5	23
149	The cooperative international neuromuscular research group Duchenne natural history study: Glucocorticoid treatment preserves clinically meaningful functional milestones and reduces rate of disease progression as measured by manual muscle testing and other commonly used clinical trial outcome measures. Muscle and Nerve, 2013, 48, 55-67.	1.0	164
150	The effects of MyD88 deficiency on disease phenotype in dysferlin-deficient A/J mice: role of endogenous TLR ligands. Journal of Pathology, 2013, 231, 199-209.	2.1	22
151	VBP15, a novel antiâ€inflammatory and membraneâ€stabilizer, improves muscular dystrophy without side effects. EMBO Molecular Medicine, 2013, 5, 1569-1585.	3.3	148
152	Moderate-Intensity Aerobic Training Program Improves Insulin Sensitivity and Inflammatory Markers in a Pilot Study of Morbidly Obese Minority Teens. Pediatric Exercise Science, 2013, 25, 12-26.	0.5	28
153	Status of LEPR Gene in PCB-exposed Population: A Quick Look. International Journal of Human Genetics, 2013, 13, 27-32.	0.1	10
154	VBP15, a Glucocorticoid Analogue, Is Effective at Reducing Allergic Lung Inflammation in Mice. PLoS ONE, 2013, 8, e63871.	1.1	24
155	The Proton Pump Inhibitor Lansoprazole Improves the Skeletal Phenotype in Dystrophin Deficient mdx Mice. PLoS ONE, 2013, 8, e66617.	1.1	3
156	Aging influences the expression of early response genes following acute resistance exercise in trained skeletal muscle. FASEB Journal, 2013, 27, 710.3.	0.2	0
157	Asymptomatic African Americans with highâ€risk APOL1 genotypes have reduced urinary angiogenesisâ€promoting cytokines. FASEB Journal, 2013, 27, lb474.	0.2	0
158	Orphan drug development in muscular dystrophy: update on two large clinical trials of dystrophin rescue therapies. Discovery Medicine, 2013, 16, 233-9.	0.5	48
159	Endothelial Nitric Oxide Synthase (NOS3) +894â€‰G>T Associates with Physical Activity and Muscle Performance among Young Adults. ISRN Vascular Medicine, 2012, 2012, 1-7.	0.7	4
160	Bodywide skipping of exons 45â€"55 in dystrophic mdx52 mice by systemic antisense delivery. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13763-13768.	3.3	139
161	Î”-9,11 Modification of Glucocorticoids Dissociates Nuclear Factor-ÎºB Inhibitory Efficacy from Glucocorticoid Response Element-Associated Side Effects. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 225-232.	1.3	27
162	Understanding the molecular complexity of medulloblastoma. Nature Reviews Neurology, 2012, 8, 539-540.	4.9	6

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163	Mexiletine for Treatment of Myotonia. JAMA - Journal of the American Medical Association, 2012, 308, 1377.	3.8	17
164	Resistance exercise training influences skeletal muscle immune activation: a microarray analysis. Journal of Applied Physiology, 2012, 112, 443-453.	1.2	79
165	Importance of SPP1 genotype as a covariate in clinical trials in Duchenne muscular dystrophy. Neurology, 2012, 79, 159-162.	1.5	81
166	Microtubules Underlie Dysfunction in Duchenne Muscular Dystrophy. Science Signaling, 2012, 5, ra56.	1.6	222
167	Variants of the Ankyrin Repeat Domain 6 Gene (ANKRD6) and Muscle and Physical Activity Phenotypes Among European-Derived American Adults. Journal of Strength and Conditioning Research, 2012, 26, 1740-1748.	1.0	20
168	Role of sepsis in the development of limb muscle weakness in a porcine intensive care unit model. Physiological Genomics, 2012, 44, 865-877.	1.0	16
169	Sphingosine-1-Phosphate Enhances Satellite Cell Activation in Dystrophic Muscles through a S1PR2/STAT3 Signaling Pathway. PLoS ONE, 2012, 7, e37218.	1.1	64
170	TGFBR2 but not SPP1 genotype modulates osteopontin expression in Duchenne muscular dystrophy muscle. Journal of Pathology, 2012, 228, 251-259.	2.1	22
171	Novel Approaches to Corticosteroid Treatment in Duchenne Muscular Dystrophy. Physical Medicine and Rehabilitation Clinics of North America, 2012, 23, 821-828.	0.7	48
172	Differential gene expression and a functional analysis of PCB-exposed children: Understanding disease and disorder development. Environment International, 2012, 40, 143-154.	4.8	42
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