

StÃ©phane Blot

List of Publications by Year in descending order

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84
papers

3,016
citations

172386

29
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168321

53
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89
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89
docs citations

89
times ranked

3441
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoangioblast stem cells ameliorate muscle function in dystrophic dogs. <i>Nature</i> , 2006, 444, 574-579.	13.7	692
2	Long-term microdystrophin gene therapy is effective in a canine model of Duchenne muscular dystrophy. <i>Nature Communications</i> , 2017, 8, 16105.	5.8	175
3	SINE exonic insertion in the PTPLA gene leads to multiple splicing defects and segregates with the autosomal recessive centronuclear myopathy in dogs. <i>Human Molecular Genetics</i> , 2005, 14, 1417-1427.	1.4	134
4	Muscle Function Recovery in Golden Retriever Muscular Dystrophy After AAV1-U7 Exon Skipping. <i>Molecular Therapy</i> , 2012, 20, 2120-2133.	3.7	121
5	Tissue Doppler imaging detects early asymptomatic myocardial abnormalities in a dog model of Duchenne's cardiomyopathy. <i>European Heart Journal</i> , 2004, 25, 1934-1939.	1.0	104
6	Serum Profiling Identifies Novel Muscle miRNA and Cardiomyopathy-Related miRNA Biomarkers in Golden Retriever Muscular Dystrophy Dogs and Duchenne Muscular Dystrophy Patients. <i>American Journal of Pathology</i> , 2014, 184, 2885-2898.	1.9	85
7	A canine <i>Arylsulfatase G</i> (<i>ARSG</i>) mutation leading to a sulfatase deficiency is associated with neuronal ceroid lipofuscinosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14775-14780.	3.3	73
8	Stereotactic CT-guided brain biopsy in the dog. <i>Journal of Small Animal Practice</i> , 2002, 43, 115-123.	0.5	67
9	Premature proliferative arrest of cricopharyngeal myoblasts in oculo-pharyngeal muscular dystrophy: Therapeutic perspectives of autologous myoblast transplantation. <i>Neuromuscular Disorders</i> , 2006, 16, 770-781.	0.3	66
10	Blockade of ActRIIB Signaling Triggers Muscle Fatigability and Metabolic Myopathy. <i>Molecular Therapy</i> , 2014, 22, 1423-1433.	3.7	63
11	Tissue Doppler assessment of diastolic and systolic alterations of radial and longitudinal left ventricular motions in Golden Retrievers during the preclinical phase of cardiomyopathy associated with muscular dystrophy. <i>American Journal of Veterinary Research</i> , 2004, 65, 1335-1341.	0.3	60
12	Spinal cord infarcts during long-term inhibition of nitric oxide synthase in rats.. <i>Stroke</i> , 1994, 25, 1666-1673.	1.0	59
13	Improved Survival in Rats Administered NG-Nitro L-Arginine Methyl Ester Due to Converting Enzyme Inhibition. <i>Journal of Cardiovascular Pharmacology</i> , 1996, 28, 142-148.	0.8	58
14	Mesodermal iPSC-derived progenitor cells functionally regenerate cardiac and skeletal muscle. <i>Journal of Clinical Investigation</i> , 2015, 125, 4463-4482.	3.9	56
15	Characterization of dystrophic muscle in golden retriever muscular dystrophy dogs by nuclear magnetic resonance imaging. <i>Neuromuscular Disorders</i> , 2007, 17, 575-584.	0.3	54
16	SPINAL SUB ARACHNOID CYSTS IN 13 DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2003, 44, 402-408.	0.4	53
17	Human Galectin 3 Binding Protein Interacts with Recombinant Adeno-Associated Virus Type 6. <i>Journal of Virology</i> , 2012, 86, 6620-6631.	1.5	52
18	Cerebellar Cortical Degeneration in Adult American Staffordshire Terriers. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 201-208.	0.6	49

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19	Gait analysis using accelerometry in dystrophin-deficient dogs. <i>Neuromuscular Disorders</i> , 2009, 19, 788-796.	0.3	48
20	Vascular endothelial dysfunction in Duchenne muscular dystrophy is restored by bradykinin through upregulation of eNOS and nNOS. <i>Basic Research in Cardiology</i> , 2012, 107, 240.	2.5	40
21	<i>HACD1</i> , a regulator of membrane composition and fluidity, promotes myoblast fusion and skeletal muscle growth. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 429-440.	1.5	40
22	Prevalence of neurological disorders in French bulldog: a retrospective study of 343 cases (2002–2016). <i>BMC Veterinary Research</i> , 2017, 13, 212.	0.7	40
23	Successful treatment of cervical spinal epidural empyema secondary to grass awn migration in a cat. <i>Journal of Feline Medicine and Surgery</i> , 2007, 9, 340-345.	0.6	39
24	Tissue Doppler Imaging for Detection of Radial and Longitudinal Myocardial Dysfunction in a Family of Cats Affected by Dystrophin-Deficient Hypertrophic Muscular Dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 640-647.	0.6	37
25	First isolation of <i>Mycobacterium microti</i> (Llama-type) from a dog. <i>Veterinary Microbiology</i> , 2004, 103, 249-253.	0.8	33
26	Comprehensive longitudinal characterization of canine muscular dystrophy by serial NMR imaging of GRMD dogs. <i>Neuromuscular Disorders</i> , 2012, 22, S85-S99.	0.3	33
27	The <i>cnm</i> locus, a canine homologue of human autosomal forms of centronuclear myopathy, maps to chromosome 12. <i>Human Genetics</i> , 2003, 113, 297-306.	1.8	32
28	Bradykinin restores left ventricular function, sarcomeric protein phosphorylation, and e/nNOS levels in dogs with Duchenne muscular dystrophy cardiomyopathy. <i>Cardiovascular Research</i> , 2012, 95, 86-96.	1.8	32
29	Transforming Growth Factor β Expression as a Response of Murine Motor Neurons to Axonal Injury and Mutation-induced Degeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997, 56, 459-471.	0.9	31
30	Predictive markers of clinical outcome in the GRMD dog model of Duchenne Muscular Dystrophy. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1253-61.	1.2	27
31	Effects of an Immunosuppressive Treatment in the GRMD Dog Model of Duchenne Muscular Dystrophy. <i>PLoS ONE</i> , 2012, 7, e48478.	1.1	26
32	Longitudinal ambulatory measurements of gait abnormality in dystrophin-deficient dogs. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 75.	0.8	24
33	Splitting of Pi and other ³¹ P NMR anomalies of skeletal muscle metabolites in canine muscular dystrophy. <i>NMR in Biomedicine</i> , 2012, 25, 1160-1169.	1.6	24
34	The Mouse Mutation Muscle Deficient (<i>mdf</i>) is Characterized by a Progressive Motoneuron Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1995, 54, 813-825.	0.9	23
35	Spinal Cryptococcoma in an Immunocompetent Cat. <i>Journal of Comparative Pathology</i> , 2008, 139, 246-251.	0.1	22
36	Centronuclear Myopathy in Labrador Retrievers: A Recent Founder Mutation in the <i>PTPLA</i> Gene Has Rapidly Disseminated Worldwide. <i>PLoS ONE</i> , 2012, 7, e46408.	1.1	21

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37	Myogenic Potential of Canine Craniofacial Satellite Cells. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 90.	1.7	21
38	Cerebellar Cortical Degeneration in Adult American Staffordshire Terriers. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 201.	0.6	21
39	Nodo-paranodopathy, internodopathy and cleftopathy: Target-based reclassification of Guillain-Barré-like immune-mediated polyradiculoneuropathies in dogs and cats. <i>Neuromuscular Disorders</i> , 2016, 26, 825-836.	0.3	20
40	Alteration of Cardiac Progenitor Cell Potency in GRMD Dogs. <i>Cell Transplantation</i> , 2012, 21, 1945-1967.	1.2	19
41	Electrophysiological features in dogs with peripheral nerve sheath tumors: 51 cases (1993-2010). <i>Journal of the American Veterinary Medical Association</i> , 2012, 241, 1194-1201.	0.2	19
42	Current protocol of a research phase I clinical trial of full-length dystrophin plasmid DNA in Duchenne/Becker muscular dystrophies. <i>Neuromuscular Disorders</i> , 2002, 12, S49-S51.	0.3	18
43	Facial and vestibular neuropathy of unknown origin in 16 dogs. <i>Journal of Small Animal Practice</i> , 2016, 57, 74-78.	0.5	17
44	AGE-RELATED THORACIC RADIOGRAPHIC CHANGES IN GOLDEN AND LABRADOR RETRIEVER MUSCULAR DYSTROPHY. <i>Veterinary Radiology and Ultrasound</i> , 2012, 53, 492-500.	0.4	16
45	Synaptic transmission blockade increases plasminogen activator activity in mouse skeletal muscle poisoned with botulinum toxin type A. <i>Synapse</i> , 1995, 20, 24-32.	0.6	15
46	Minimally invasive video-assisted cervical ventral slot in dogs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2011, 24, 50-56.	0.2	15
47	miR-379 links glucocorticoid treatment with mitochondrial response in Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2020, 10, 9139.	1.6	15
48	Myostatin Is a Quantifiable Biomarker for Monitoring Pharmaco-gene Therapy in Duchenne Muscular Dystrophy. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 415-421.	1.8	14
49	Aldehyde dehydrogenases contribute to skeletal muscle homeostasis in healthy, aging, and Duchenne muscular dystrophy patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1047-1069.	2.9	14
50	Progressive Structural Defects in Canine Centronuclear Myopathy Indicate a Role for HACD1 in Maintaining Skeletal Muscle Membrane Systems. <i>American Journal of Pathology</i> , 2017, 187, 441-456.	1.9	13
51	X-linked muscular dystrophy in a Labrador Retriever strain: phenotypic and molecular characterisation. <i>Skeletal Muscle</i> , 2020, 10, 23.	1.9	12
52	Protective effects of rimeporide on left ventricular function in golden retriever muscular dystrophy dogs. <i>International Journal of Cardiology</i> , 2020, 312, 89-95.	0.8	12
53	Altered myofilament structure and function in dogs with Duchenne muscular dystrophy cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 114, 345-353.	0.9	11
54	Progressive Myelopathy Due to a Spontaneous Intramedullary Hematoma in a Dog: Pre- and Postoperative Clinical and Magnetic Resonance Imaging Follow-up. <i>Journal of the American Animal Hospital Association</i> , 2008, 44, 266-275.	0.5	10

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55	Cardiac Niche Influences the Direct Reprogramming of Canine Fibroblasts into Cardiomyocyte-Like Cells. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	10
56	Tissue Doppler Imaging for Detection of Radial and Longitudinal Myocardial Dysfunction in a Family of Cats Affected by Dystrophin-Deficient Hypertrophic Muscular Dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 640.	0.6	10
57	A high-resolution genetic map of mouse Chromosome 19 encompassing the muscle-deficient osteochondrodystrophy (mdfocd) region. <i>Mammalian Genome</i> , 1998, 9, 390-391.	1.0	9
58	Cutaneous saphenous nerve graft for the treatment of sciatic neurotmesis in a dog. <i>Journal of the American Veterinary Medical Association</i> , 2006, 229, 82-86.	0.2	7
59	Gait characterization in golden retriever muscular dystrophy dogs using linear discriminant analysis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 153.	0.8	7
60	Alteration in Left Ventricular Contractile Function Develops in Puppies With Duchenne Muscular Dystrophy. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 120-129.e1.	1.2	7
61	Correction: Corrigendum: Mesoangioblast stem cells ameliorate muscle function in dystrophic dogs. <i>Nature</i> , 2013, 494, 506-506.	13.7	6
62	Nematode dermatitis due to <i>Angiostrongylus vasorum</i> infection in a dog. <i>Veterinary Dermatology</i> , 2015, 26, 293.	0.4	6
63	Evaluation of coexisting polymyositis in feline myasthenia gravis: A case series. <i>Neuromuscular Disorders</i> , 2017, 27, 804-815.	0.3	6
64	In vivo stem cell tracking using scintigraphy in a canine model of DMD. <i>Scientific Reports</i> , 2020, 10, 10681.	1.6	6
65	Epidemiological, clinical, and electrophysiological findings in dogs and cats with traumatic brachial plexus injury: A retrospective study of 226 cases. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2837-2845.	0.6	6
66	Diagnostic Potential of Natriuretic Peptides in the Occult Phase of Golden Retriever Muscular Dystrophy Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 845.	0.6	6
67	A COLQ Missense Mutation in Sphynx and Devon Rex Cats with Congenital Myasthenic Syndrome. <i>PLoS ONE</i> , 2015, 10, e0137019.	1.1	5
68	Juvenile-onset polyneuropathy in American Staffordshire Terriers. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 2003-2012.	0.6	5
69	In Vivo Myoblasts Tracking Using the Sodium Iodide Symporter Gene Expression in Dogs. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 317-327.	1.8	5
70	Acute idiopathic polyneuritis with spontaneous remission in an Abyssinian cat. <i>Canadian Veterinary Journal</i> , 2015, 56, 1279-82.	0.0	5
71	Stabilizing Ryanodine Receptors Improves Left Ventricular Function in Juvenile Dogs With Duchenne Muscular Dystrophy. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2439-2453.	1.2	5
72	Chronic Traumatic Brain Injury in a Dog. <i>Journal of Comparative Pathology</i> , 2010, 143, 75-80.	0.1	4

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73	Anatomical and mesoscopic characterization of the dystrophic diaphragm: An in vivo nuclear magnetic resonance imaging study in the Golden retriever muscular dystrophy dog. <i>Neuromuscular Disorders</i> , 2017, 27, 315-325.	0.3	4
74	A dog model for centronuclear myopathy carrying the most common <i>DNM2</i> mutation. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	4
75	SINE exonic insertion in the PTPLA gene leads to multiple splicing defects and segregates with the autosomal recessive centronuclear myopathy in dog. <i>Human Molecular Genetics</i> , 2005, 14, 1905-1906.	1.4	3
76	Sampaolesi et al. reply. <i>Nature</i> , 2007, 450, E23-E25.	13.7	3
77	The electroretinographic phenotype of dogs with Golden Retriever muscular dystrophy. <i>Veterinary Ophthalmology</i> , 2001, 4, 277-282.	0.6	2
78	Restoration of elbow flexion by performing contralateral lateral thoracic and thoracodorsal nerve transfers after experimental musculocutaneous nerve transection. <i>Journal of Neurosurgery</i> , 2005, 103, 70-78.	0.9	2
79	C8 cross transfer for the treatment of caudal brachial plexus avulsion in three dogs. <i>Veterinary Surgery</i> , 2017, 46, 136-144.	0.5	2
80	Magnetic resonance imaging of a giant frontal hemorrhagic mucocele with intracranial extension in a cat. <i>Veterinary Radiology and Ultrasound</i> , 2020, 61, E45-E49.	0.4	2
81	Surgical Treatment of Lumbosacral Discospondylitis with Gentamicin-Impregnated Polymethylmethacrylate Cement and Omentalization. <i>VCOT Open</i> , 2019, 02, e13-e18.	0.2	1
82	The authors reply: Comment on: "Aldehyde dehydrogenases contribute to skeletal muscle homeostasis in healthy, aging, and Duchenne muscular dystrophy patients" by Etienne et al.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1860-1862.	2.9	1
83	Myopathies des carnivores domestiques. <i>EMC - Veterinaire</i> , 2005, 2, 96-117.	0.0	0
84	Generalised idiopathic polymyositis mimicking masticatory myositis in a dog. <i>Veterinary Record Case Reports</i> , 0, , .	0.1	0