

Mathieu Spriet

List of Publications by Year in descending order

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59
papers

935
citations

430874

18
h-index

526287

27
g-index

60
all docs

60
docs citations

60
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Efficacy of Fresh, Allogeneic Mesenchymal Stem Cells for Severe Refractory Feline Chronic Gingivostomatitis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1710-1722.	3.3	74
2	Distribution and persistence of technetium-99m hexamethyl propylene amine oxime-labelled bone marrow-derived mesenchymal stem cells in experimentally induced tendon lesions after intratendinous injection and regional perfusion of the equine distal limb. <i>Equine Veterinary Journal</i> , 2013, 45, 726-731.	1.7	55
3	Scintigraphic evaluation of intra-arterial and intravenous regional limb perfusion of allogeneic bone marrow-derived mesenchymal stem cells in the normal equine distal limb using ^{99m} Tc-HMPAO. <i>Equine Veterinary Journal</i> , 2012, 44, 594-599.	1.7	54
4	¹⁸ F-sodium fluoride positron emission tomography of the racing Thoroughbred fetlock: Validation and comparison with other imaging modalities in nine horses. <i>Equine Veterinary Journal</i> , 2019, 51, 375-383.	1.7	44
5	Comparisons of computed tomography, contrast-enhanced computed tomography and standing low-field magnetic resonance imaging in horses with lameness localised to the foot. Part 2: Lesion identification. <i>Equine Veterinary Journal</i> , 2012, 44, 149-156.	1.7	43
6	ASYMMETRIC SIGNAL INTENSITY IN NORMAL COLLATERAL LIGAMENTS OF THE DISTAL INTERPHALANGEAL JOINT IN HORSES WITH A LOW-FIELD MRI SYSTEM DUE TO THE MAGIC ANGLE EFFECT. <i>Veterinary Radiology and Ultrasound</i> , 2007, 48, 95-100.	0.9	36
7	¹⁸ F-sodium fluoride positron emission tomography of the equine distal limb: Exploratory study in three horses. <i>Equine Veterinary Journal</i> , 2018, 50, 125-132.	1.7	31
8	Catastrophic scapular fractures in Californian racehorses: Pathology, morphometry and bone density. <i>Equine Veterinary Journal</i> , 2011, 43, 676-685.	1.7	29
9	Comparisons of computed tomography, contrast enhanced computed tomography and standing low-field magnetic resonance imaging in horses with lameness localised to the foot. Part 1: Anatomic visualisation scores. <i>Equine Veterinary Journal</i> , 2012, 44, 51-56.	1.7	27
10	Scintigraphic comparison of intra-arterial injection and distal intravenous regional limb perfusion for administration of mesenchymal stem cells to the equine foot. <i>Equine Veterinary Journal</i> , 2014, 46, 479-483.	1.7	27
11	Safety and tracking of intrathecal allogeneic mesenchymal stem cell transplantation in healthy and diseased horses. <i>Stem Cell Research and Therapy</i> , 2018, 9, 96.	5.5	26
12	PREVALENCE OF ANATOMICAL VARIATION OF THE SIXTH CERVICAL VERTEBRA AND ASSOCIATION WITH VERTEBRAL CANAL STENOSIS AND ARTICULAR PROCESS OSTEOARTHRITIS IN THE HORSE. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 253-258.	0.9	24
13	POSITRON EMISSION TOMOGRAPHY OF THE EQUINE DISTAL LIMB: EXPLORATORY STUDY. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 630-638.	0.9	23
14	Caudal lumbar vertebral fractures in California Quarter Horse and Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2015, 47, 573-579.	1.7	22
15	CHARACTERIZATION OF THE MAGIC ANGLE EFFECT IN THE EQUINE DEEP DIGITAL FLEXOR TENDON USING A LOW-FIELD MAGNETIC RESONANCE SYSTEM. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 32-36.	0.9	21
16	IMAGING DIAGNOSIS OF PORTAL VEIN APLASIA AND INTERRUPTION OF THE CAUDAL VENA CAVA IN THREE DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 444-447.	0.9	21
17	SCINTIGRAPHIC TRACKING OF MESENCHYMAL STEM CELLS AFTER PORTAL, SYSTEMIC INTRAVENOUS AND SPLENIC ADMINISTRATION IN HEALTHY BEAGLE DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 327-334.	0.9	21
18	Influence of the position of the foot on MRI signal in the deep digital flexor tendon and collateral ligaments of the distal interphalangeal joint in the standing horse. <i>Equine Veterinary Journal</i> , 2009, 41, 498-503.	1.7	19

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19	Ultrasonographic control of navicular bursa injection. <i>Equine Veterinary Journal</i> , 2010, 36, 637-639.	1.7	19
20	Neurologic Deficits Including Auditory Loss and Recovery of Function in Horses with Temporohyoid Osteoarthropathy. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 282-288.	1.6	18
21	Scienceâ€inâ€brief: Risk assessment for reducing injuries of the fetlock bones in Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2020, 52, 482-488.	1.7	18
22	Clinical findings and management of 153 horses with large colon sand accumulations. <i>Veterinary Surgery</i> , 2017, 46, 860-867.	1.0	16
23	Scintigraphic Tracking of Mesenchymal Stem Cells After Intravenous Regional Limb Perfusion and Subcutaneous Administration in the Standing Horse. <i>Veterinary Surgery</i> , 2015, 44, 273-280.	1.0	15
24	Feasibility Study of Canine Epidermal Neural Crest Stem Cell Transplantation in the Spinal Cords of Dogs. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1173-1186.	3.3	15
25	Preexisting lesions associated with complete diaphyseal fractures of the third metacarpal bone in 12 Thoroughbred racehorses. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 437-441.	1.1	15
26	Evaluation of a diode laser for use in induction of tendinopathy in the superficial digital flexor tendon of horses. <i>American Journal of Veterinary Research</i> , 2012, 73, 1435-1444.	0.6	14
27	Outcome following computed tomographic imaging and subsequent surgical removal of keratomas in equids: 32 cases (2005â€2016). <i>Journal of the American Veterinary Medical Association</i> , 2019, 254, 266-274.	0.5	13
28	Magnetic resonance and radiographic diagnosis of osseous resorption of the flexor surface of the distal phalanx in the horse. <i>Equine Veterinary Journal</i> , 2012, 44, 3-7.	1.7	12
29	IMAGING DIAGNOSISâ€AORTIC ANEURYSM AND URETERAL OBSTRUCTION SECONDARY TO UMBILICAL ARTERY ABSCESSATION IN A 5â€WEEKâ€OLD FOAL. <i>Veterinary Radiology and Ultrasound</i> , 2013, 54, 384-389.	0.9	12
30	FRACTURE OF THE CENTRAL TARSAL BONE IN NONRACEHORSES: FOUR CASES. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 403-409.	0.9	12
31	Ultrasound-guided injection of the median artery in the standing sedated horse. <i>Equine Veterinary Journal</i> , 2015, 47, 245-248.	1.7	11
32	Scintigraphic Tracking of Allogeneic Mesenchymal Stem Cells in the Distal Limb After Intraâ€Arterial Injection in Standing Horses. <i>Veterinary Surgery</i> , 2016, 45, 619-624.	1.0	11
33	Radiological prevalence of osteoarthritis of the cervical region in 104 performing Warmblood jumpers. <i>Equine Veterinary Journal</i> , 2021, 53, 972-978.	1.7	11
34	18 Fluorineâ€fluorodeoxyglucose positron emission tomography for assessment of deep digital flexor tendinopathy: An exploratory study in eight horses with comparison to CT and MRI. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 610-620.	0.9	11
35	Ultrasonographic appearance of normal and injured lateral patellar ligaments in the equine stifle. <i>Equine Veterinary Journal</i> , 2016, 48, 299-306.	1.7	10
36	Ultrasoundâ€guided injection of the cranial tibial artery for stem cell administration in horses. <i>Equine Veterinary Journal</i> , 2019, 51, 681-687.	1.7	9

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37	Chondrosesamoidean ligament enthesopathy: Prevalence and findings in a population of lame horses imaged with positron emission tomography. <i>Equine Veterinary Journal</i> , 2021, 53, 451-459.	1.7	9
38	The prevalence of temporal bone fractures is high in horses with severe temporohyoid osteoarthropathy. <i>Veterinary Radiology and Ultrasound</i> , 2019, 60, 159-166.	0.9	8
39	Evaluation of accuracy for ¹⁸ F-FDG positron emission tomography and computed tomography for detection of lymph node metastasis in canine oral malignant melanoma. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 463-472.	1.8	8
40	Validation of a dedicated positron emission tomography scanner for imaging of the distal limb of standing horses. <i>Veterinary Radiology and Ultrasound</i> , 2022, 63, 469-477.	0.9	8
41	Qualitative Comparison of 0.27T, 1.5T, and 3T Magnetic Resonance Images of the Normal Equine Foot. <i>Journal of Equine Veterinary Science</i> , 2010, 30, 9-20.	0.9	7
42	MAGIC ANGLE MAGNETIC RESONANCE IMAGING OF DIODE LASER INDUCED AND NATURALLY OCCURRING LESIONS IN EQUINE TENDONS. <i>Veterinary Radiology and Ultrasound</i> , 2012, 53, 394-401.	0.9	6
43	Current dorsal myelographic column and dural diameter reduction rules do not apply at the cervicothoracic junction in horses. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 662-666.	0.9	6
44	Comparison of ¹⁸ F-sodium fluoride positron emission tomography and CT: An exploratory study in 12 dogs with elbow pain. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 498-506.	0.9	6
45	Hounsfield units are a useful predictor of pleural effusion cytological type in dogs but not in cats. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 405-411.	0.9	5
46	Role of Positron Emission Tomography in Imaging of Non-neurologic Disorders of the Head, Neck, and Teeth in Veterinary Medicine. <i>Frontiers in Veterinary Science</i> , 2019, 6, 180.	2.2	5
47	PETting horses?. <i>Equine Veterinary Journal</i> , 2019, 51, 283-284.	1.7	4
48	Comparison of needle arthroscopy, traditional arthroscopy, and computed tomography for the evaluation of medial coronoid disease in the canine elbow. <i>Veterinary Surgery</i> , 2021, 50, O116-O127.	1.0	4
49	Positron emission tomography: a horse in the musculoskeletal imaging race. <i>American Journal of Veterinary Research</i> , 2022, 83, .	0.6	4
50	Use of ultrasonography in differential diagnosis of chronic palmar foot pain: 3 cases. <i>Equine Veterinary Education</i> , 2005, 17, 230-234.	0.6	3
51	DETERMINATION OF T1 RELAXATION TIME OF NORMAL EQUINE TENDONS USING MAGIC ANGLE MAGNETIC RESONANCE IMAGING. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 149-153.	0.9	3
52	Fractures of the withers in horses. <i>Equine Veterinary Education</i> , 2012, 24, 582-588.	0.6	3
53	INFLUENCE OF THE CHEMICAL SHIFT ARTIFACT ON MEASUREMENTS OF COMPACT BONE THICKNESS IN EQUINE DISTAL LIMB MR IMAGES. <i>Veterinary Radiology and Ultrasound</i> , 2010, 51, 415-420.	0.9	2
54	JOINT VIRTUAL ISSUE: WHAT IS NEW WITH EQUINE IMAGING?. <i>Veterinary Radiology and Ultrasound</i> , 2017, 58, 8-8.	0.9	1

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55	Imaging of equine septic discospondylitis using MRI, CT and post-mortem radiographs. Equine Veterinary Education, 2023, 35, .	0.6	1
56	Long-Term Assessment of Bone Regeneration in Nonunion Fractures Treated with Compression-Resistant Matrix and Recombinant Human Bone Morphogenetic Protein-2 in Dogs. Veterinary and Comparative Orthopaedics and Traumatology, 0, , .	0.5	1
57	Scapula fracture secondary to metastatic pulmonary carcinoma in a horse: Clinical, sonographic, radiographic, computed tomographic, and pathologic findings. Canadian Veterinary Journal, 2020, 61, 251-256.	0.0	0
58	Medial malleolus fragmentation following talocalcaneal arthrodesis by a dorsomedial approach in a horse. Canadian Veterinary Journal, 2021, 62, 861-866.	0.0	0
59	Osteochondral necrosis of the femoral condyles in Thoroughbred foals: eight cases (2008-2018). Journal of the American Veterinary Medical Association, 2022, 260, 341-349.	0.5	0