

Harold Brommer

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

253
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	New approach for quantitative assessment of articular cartilage degeneration in horses with osteoarthritis. <i>American Journal of Veterinary Research</i> , 2003, 64, 83-87.	0.6	34
2	Arthroscopic near infrared spectroscopy enables simultaneous quantitative evaluation of articular cartilage and subchondral bone in vivo. <i>Scientific Reports</i> , 2018, 8, 13409.	3.3	33
3	Arthroscopic Determination of Cartilage Proteoglycan Content and Collagen Network Structure with Near-Infrared Spectroscopy. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1815-1826.	2.5	32
4	Fixation of Hydrogel Constructs for Cartilage Repair in the Equine Model: A Challenging Issue. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 804-814.	2.1	31
5	In Situ and Ex Vivo Evaluation of an Arthroscopic Indentation Instrument to Estimate the Health Status of Articular Cartilage in the Equine Metacarpophalangeal Joint. <i>Veterinary Surgery</i> , 2006, 35, 259-266.	1.0	18
6	Combination of optical coherence tomography and near infrared spectroscopy enhances determination of articular cartilage composition and structure. <i>Scientific Reports</i> , 2017, 7, 10586.	3.3	16
7	Evaluation of articular cartilage with quantitative MRI in an equine model of post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2021, 39, 63-73.	2.3	16
8	A comparative study of breed differences in the anatomical configuration of the equine vertebral column. <i>Journal of Anatomy</i> , 2021, 239, 829-838.	1.5	13
9	Critical-sized cartilage defects in the equine carpus. <i>Connective Tissue Research</i> , 2019, 60, 95-106.	2.3	12
10	Axial osteitis of the proximal sesamoid bones and desmitis of the intersesamoidean ligament in the hindlimb of Friesian horses: review of 12 cases (2002-2012) and post-mortem analysis of the bone-ligament interface. <i>BMC Veterinary Research</i> , 2014, 10, 272.	1.9	9
11	Influence of age, site, and degenerative state on the speed of sound in equine articular cartilage. <i>American Journal of Veterinary Research</i> , 2005, 66, 1175-1180.	0.6	6
12	T2* mapping in an equine articular groove model: Visualizing changes in collagen orientation. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2383-2389.	2.3	6
13	The Complexity of Joint Regeneration: How an Advanced Implant could Fail by Its In Vivo Proven Bone Component. <i>Journal of Trial and Error</i> , 2022, 2, 7-25.	0.5	6
14	Continuous versus discrete data analysis for gait evaluation of horses with induced bilateral hindlimb lameness. <i>Equine Veterinary Journal</i> , 2022, 54, 626-633.	1.7	5
15	Structural, compositional, and functional effects of blunt and sharp cartilage damage on the joint: A 9-month equine groove model study. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2363-2375.	2.3	5
16	Dual-contrast micro-CT enables cartilage lesion detection and tissue condition evaluation ex vivo. <i>Equine Veterinary Journal</i> , 2023, 55, 315-324.	1.7	5
17	Penetration of topically administered dexamethasone disodium phosphate and prednisolone acetate into the normal equine ocular fluids. <i>Equine Veterinary Journal</i> , 2022, 54, 965-972.	1.7	3
18	Dual-contrast computed tomography enables detection of equine posttraumatic osteoarthritis in vitro. <i>Journal of Orthopaedic Research</i> , 2022, 40, 703-711.	2.3	2

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19	Site- and Zone-Dependent Changes in Proteoglycan Content and Biomechanical Properties of Bluntly and Sharply Grooved Equine Articular Cartilage. <i>Annals of Biomedical Engineering</i> , 2022, 50, 1787-1797.	2.5	1