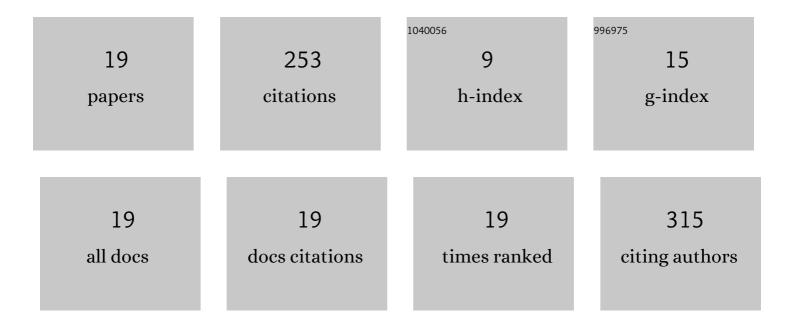
## Harold Brommer

List of Publications by Year in descending order

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HAROLD BROMMER

#	Article	IF	CITATIONS
1	New approach for quantitative assessment of articular cartilage degeneration in horses with osteoarthritis. American Journal of Veterinary Research, 2003, 64, 83-87.	0.6	34
2	Arthroscopic near infrared spectroscopy enables simultaneous quantitative evaluation of articular cartilage and subchondral bone in vivo. Scientific Reports, 2018, 8, 13409.	3.3	33
3	Arthroscopic Determination of Cartilage Proteoglycan Content and Collagen Network Structure with Near-Infrared Spectroscopy. Annals of Biomedical Engineering, 2019, 47, 1815-1826.	2.5	32
4	Fixation of Hydrogel Constructs for Cartilage Repair in the Equine Model: A Challenging Issue. Tissue Engineering - Part C: Methods, 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. Veterinary Surgery, 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. Scientific Reports, 2017, 7, 10586.	3.3	16
7	Evaluation of articular cartilage with quantitative MRI in an equine model of postâ€ŧraumatic osteoarthritis. Journal of Orthopaedic Research, 2021, 39, 63-73.	2.3	16
8	A comparative study of breed differences in the anatomical configuration of the equine vertebral column. Journal of Anatomy, 2021, 239, 829-838.	1.5	13
9	Critical-sized cartilage defects in the equine carpus. Connective Tissue Research, 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. BMC Veterinary Research, 2014, 10, 272.	1.9	9
11	Influence of age, site, and degenerative state on the speed of sound in equine articular cartilage. American Journal of Veterinary Research, 2005, 66, 1175-1180.	0.6	6
12	T2* mapping in an equine articular groove model: Visualizing changes in collagen orientation. Journal of Orthopaedic Research, 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. Journal of Trial and Error, 2022, 2, 7-25.	0.5	6
14	Continuous versus discrete data analysis for gait evaluation of horses with induced bilateral hindlimb lameness. Equine Veterinary Journal, 2022, 54, 626-633.	1.7	5
15	Structural, compositional, and functional effects of blunt and sharp cartilage damage on the joint: A 9â€month equine groove model study. Journal of Orthopaedic Research, 2021, 39, 2363-2375.	2.3	5
16	Dualâ€contrast microâ€CT enables cartilage lesion detection and tissue condition evaluation ex vivo. Equine Veterinary Journal, 2023, 55, 315-324.	1.7	5
17	Penetration of topically administered dexamethasone disodium phosphate and prednisolone acetate into the normal equine ocular fluids. Equine Veterinary Journal, 2022, 54, 965-972.	1.7	3
18	Dual ontrast computed tomography enables detection of equine posttraumatic osteoarthritis in vitro. Journal of Orthopaedic Research, 2022, 40, 703-711.	2.3	2

#	Article	IF	CITATIONS
19	Site- and Zone-Dependent Changes in Proteoglycan Content and Biomechanical Properties of Bluntly and Sharply Grooved Equine Articular Cartilage. Annals of Biomedical Engineering, 2022, 50, 1787-1797.	2.5	1