Tanya C Garcia

List of Publications by Year
in descending order

21 papers	180 citations	1307594 7 h-index	1125743 13 g-index
21 all docs	21 docs citations	21 times ranked	163 citing authors

#	Article	IF	Citations
1	Comparison of macrostructural and microstructural bone features in Thoroughbred racehorses with and without midbody fracture of the proximal sesamoid bone. American Journal of Veterinary Research, 2010, 71, 755-765.	0.6	42
2	Bite Forces and Their Measurement in Dogs and Cats. Frontiers in Veterinary Science, 2018, 5, 76.	2.2	24
3	Subchondral focal osteopenia associated with proximal sesamoid bone fracture in Thoroughbred racehorses. Equine Veterinary Journal, 2021, 53, 294-305.	1.7	18
4	How do metacarpophalangeal joint extension, collateromotion and axial rotation influence dorsal surface strains of the equine proximal phalanx at different loads in vitro?. Journal of Biomechanics, 2013, 46, 738-744.	2.1	16
5	Feasibility Study of Canine Epidermal Neural Crest Stem Cell Transplantation in the Spinal Cords of Dogs. Stem Cells Translational Medicine, 2015, 4, 1173-1186.	3.3	15
6	Preexisting lesions associated with complete diaphyseal fractures of the third metacarpal bone in 12 Thoroughbred racehorses. Journal of Veterinary Diagnostic Investigation, 2017, 29, 437-441.	1.1	15
7	Binding to COMP Reduces the BMP2 Dose for Spinal Fusion in a Rat Model. Spine, 2016, 41, E829-E836.	2.0	13
8	Mechanical properties of canine osteosarcomaâ€affected antebrachia. Veterinary Surgery, 2017, 46, 539-548.	1.0	5
9	Exercise history predicts focal differences in bone volume fraction, mineral density and microdamage in the proximal sesamoid bones of Thoroughbred racehorses. Journal of Orthopaedic Research, 2022, 40, 2831-2842.	2.3	5
10	Hoof position during limb loading affects dorsoproximal bone strains on the equine proximal phalanx. Journal of Biomechanics, 2015, 48, 1930-1936.	2.1	4
11	Comparison of needle arthroscopy, traditional arthroscopy, and computed tomography for the evaluation of medial coronoid disease in the canine elbow. Veterinary Surgery, 2021, 50, O116-O127.	1.0	4
12	In vitro motions of the medial and lateral proximal sesamoid bones under mid-stance load conditions are consistent with racehorse fracture configurations. Journal of Biomechanics, 2022, 130, 110888.	2.1	4
13	How does bone strain vary between the third metacarpal and the proximal phalangeal bones of the equine distal limb?. Journal of Biomechanics, 2021, 123, 110455.	2.1	3
14	Biomechanical evaluation of locking versus nonlocking 2.0-mm malleable L-miniplate fixation of simulated caudal mandibular fractures in cats. American Journal of Veterinary Research, 2022, 83, .	0.6	3
15	Description and Biomechanical Comparison of a Percutaneous Radiologic Gastropexy Technique in a Canine Cadaver Model. Veterinary Surgery, 2016, 45, 456-463.	1.0	2
16	Percutaneous radiologically guided gastrostomy tubes: Procedural description and biomechanical comparison in a canine model. Veterinary Surgery, 2020, 49, 1334-1342.	1.0	2
17	Influence of interlocking thread screws to repair simulated adult canine humeral condylar fractures. Veterinary Surgery, 2021, 50, 1237-1249.	1.0	2
18	CTâ€derived indices of canine osteosarcomaâ€affected antebrachial strength. Veterinary Surgery, 2017, 46, 549-558.	1.0	1

#	Article	IF	Citations
19	Evaluation of depth gauge accuracy in a canine tibial plateau leveling osteotomy model. Veterinary Surgery, 2021, 50, 1389-1397.	1.0	1
20	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
21	Open Screw Placement in a 1.5 mm LCP Over a Fracture Gap Decreases Fatigue Life. Frontiers in Veterinary Science, 2018, 5, 89.	2.2	0