

# Tanya C Garcia

## List of Publications by Year in descending order

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Version: 2024-02-01

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	In vitro motions of the medial and lateral proximal sesamoid bones under mid-stance load conditions are consistent with racehorse fracture configurations. <i>Journal of Biomechanics</i> , 2022, 130, 110888.	2.1	4
2	Exercise history predicts focal differences in bone volume fraction, mineral density and microdamage in the proximal sesamoid bones of Thoroughbred racehorses. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2831-2842.	2.3	5
3	Biomechanical evaluation of locking versus nonlocking 2.0-mm malleable L-miniplate fixation of simulated caudal mandibular fractures in cats. <i>American Journal of Veterinary Research</i> , 2022, 83, .	0.6	3
4	Subchondral focal osteopenia associated with proximal sesamoid bone fracture in Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2021, 53, 294-305.	1.7	18
5	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
6	Influence of interlocking thread screws to repair simulated adult canine humeral condylar fractures. <i>Veterinary Surgery</i> , 2021, 50, 1237-1249.	1.0	2
7	How does bone strain vary between the third metacarpal and the proximal phalangeal bones of the equine distal limb?. <i>Journal of Biomechanics</i> , 2021, 123, 110455.	2.1	3
8	Evaluation of depth gauge accuracy in a canine tibial plateau leveling osteotomy model. <i>Veterinary Surgery</i> , 2021, 50, 1389-1397.	1.0	1
9	Percutaneous radiologically guided gastrostomy tubes: Procedural description and biomechanical comparison in a canine model. <i>Veterinary Surgery</i> , 2020, 49, 1334-1342.	1.0	2
10	Bite Forces and Their Measurement in Dogs and Cats. <i>Frontiers in Veterinary Science</i> , 2018, 5, 76.	2.2	24
11	Open Screw Placement in a 1.5 mm LCP Over a Fracture Gap Decreases Fatigue Life. <i>Frontiers in Veterinary Science</i> , 2018, 5, 89.	2.2	0
12	Mechanical properties of canine osteosarcoma-affected antebrachia. <i>Veterinary Surgery</i> , 2017, 46, 539-548.	1.0	5
13	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
14	CT-derived indices of canine osteosarcoma-affected antebrachial strength. <i>Veterinary Surgery</i> , 2017, 46, 549-558.	1.0	1
15	Binding to COMP Reduces the BMP2 Dose for Spinal Fusion in a Rat Model. <i>Spine</i> , 2016, 41, E829-E836.	2.0	13
16	Description and Biomechanical Comparison of a Percutaneous Radiologic Gastropepy Technique in a Canine Cadaver Model. <i>Veterinary Surgery</i> , 2016, 45, 456-463.	1.0	2
17	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
18	Hoof position during limb loading affects dorsoproximal bone strains on the equine proximal phalanx. <i>Journal of Biomechanics</i> , 2015, 48, 1930-1936.	2.1	4

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19	How do metacarpophalangeal joint extension, collateromotion and axial rotation influence dorsal surface strains of the equine proximal phalanx at different loads in vitro?. <i>Journal of Biomechanics</i> , 2013, 46, 738-744.	2.1	16
20	Comparison of macrostructural and microstructural bone features in Thoroughbred racehorses with and without midbody fracture of the proximal sesamoid bone. <i>American Journal of Veterinary Research</i> , 2010, 71, 755-765.	0.6	42
21	Long-Term Assessment of Bone Regeneration in Nonunion Fractures Treated with Compression-Resistant Matrix and Recombinant Human Bone Morphogenetic Protein-2 in Dogs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 0, , .	0.5	1