

Brett W Nemke

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

553
citations

758635

12
h-index

642321

23
g-index

27
all docs

27
docs citations

27
times ranked

800
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the Selectivity of an Osseointegrated Neural Interface: Proof of Concept For Housing Sieve Electrode Arrays in the Medullary Canal of Long Bones. <i>Frontiers in Neuroscience</i> , 2021, 15, 613844.	1.4	3
2	Methodology for creating a chronic osseointegrated neural interface for prosthetic control in rabbits. <i>Journal of Neuroscience Methods</i> , 2020, 331, 108504.	1.3	7
3	Experimental Basis for Creating an Osseointegrated Neural Interface for Prosthetic Control: A Pilot Study in Rabbits. <i>Military Medicine</i> , 2020, 185, 462-469.	0.4	7
4	Proof of concept for a chronic, percutaneous, osseointegrated neural interface for bi-directional prosthetic control with haptic feedback. , 2019, , .		2
5	Effect of contact time on variance of ground reaction forces during force platform gait analysis of a heterogeneous sample of clinically normal dogs. <i>American Journal of Veterinary Research</i> , 2018, 79, 546-554.	0.3	3
6	Variance associated with walking velocity during force platform gait analysis of a heterogeneous sample of clinically normal dogs. <i>American Journal of Veterinary Research</i> , 2017, 78, 500-507.	0.3	12
7	Multiscale Porosity Directs Bone Regeneration in Biphasic Calcium Phosphate Scaffolds. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2768-2778.	2.6	33
8	Influence of trial repetition on lameness during force platform gait analysis in a heterogeneous population of clinically lame dogs each trotting at its preferred velocity. <i>American Journal of Veterinary Research</i> , 2017, 78, 1284-1292.	0.3	4
9	Arthrodesis of the equine centro distal and tarsometatarsal joints using a single modified kerf-cut cylinder. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2016, 29, 227-231.	0.2	3
10	In vitro biomechanical evaluation of four surgical techniques for fusion of equine centrodistal and tarsometatarsal joints. <i>American Journal of Veterinary Research</i> , 2016, 77, 1071-1081.	0.3	4
11	Micropore-induced capillarity enhances bone distribution in vivo in biphasic calcium phosphate scaffolds. <i>Acta Biomaterialia</i> , 2016, 44, 144-154.	4.1	80
12	Variance associated with the use of relative velocity for force platform gait analysis in a heterogeneous population of clinically normal dogs. <i>Veterinary Journal</i> , 2016, 207, 80-84.	0.6	18
13	Variance associated with subject velocity and trial repetition during force platform gait analysis in a heterogeneous population of clinically normal dogs. <i>Veterinary Journal</i> , 2014, 202, 498-502.	0.6	34
14	Percutaneous lovastatin accelerates bone healing but is associated with periosseous soft tissue inflammation in a canine tibial osteotomy model. <i>Journal of Orthopaedic Research</i> , 2014, 32, 210-216.	1.2	8
15	Controlled Multiple Growth Factor Delivery from Bone Tissue Engineering Scaffolds via Designed Affinity. <i>Tissue Engineering - Part A</i> , 2014, 20, 2077-2087.	1.6	52
16	Effect of analgesic therapy on clinical outcome measures in a randomized controlled trial using client-owned dogs with hip osteoarthritis. <i>BMC Veterinary Research</i> , 2012, 8, 185.	0.7	87
17	Coating with a Modular Bone Morphogenetic Peptide Promotes Healing of a Bone-Implant Gap in an Ovine Model. <i>PLoS ONE</i> , 2012, 7, e50378.	1.1	35
18	Histologic evaluation of suture material loaded with basic fibroblast growth factor (bFGF) on acute rotator cuff repair in an ovine model. <i>Current Orthopaedic Practice</i> , 2011, 22, 425-431.	0.1	7

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19	Guided Growth of the Proximal Femur. <i>Journal of Pediatric Orthopaedics</i> , 2010, 30, 690-694.	0.6	26
20	Comparison of Single- versus Double-Tunnel Tendon-to-Bone Healing in an Ovine Model. <i>American Journal of Sports Medicine</i> , 2009, 37, 512-517.	1.9	7
21	Comparison of a New Braid Fixation System to an Interlocking Intramedullary Nail for Tibial Osteotomy Repair in an Ovine Model. <i>Veterinary Surgery</i> , 2009, 38, 467-476.	0.5	12
22	The Effect of Early Hyaluronic Acid Delivery on the Development of an Acute Articular Cartilage Lesion in a Sheep Model. <i>American Journal of Sports Medicine</i> , 2009, 37, 2323-2327.	1.9	28
23	Influence of Hydroxyapatite-Coated and Growth Factor-Releasing Interference Screws on Tendon-Bone Healing in an Ovine Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009, 25, 1427-1434.e1.	1.3	42
24	Effects of firocoxib therapy on progression of osteoarthritis in a canine model. <i>Current Orthopaedic Practice</i> , 2009, 20, 304-312.	0.1	0
25	Acceleration of Second and Fourth Metatarsal Fracture Healing with Recombinant Human Bone Morphogenetic Protein/Calcium Phosphate Cement in Horses. <i>Veterinary Surgery</i> , 2008, 37, 648-655.	0.5	36
26	Effect of inhaled endotoxin on cardiopulmonary function and E-selectin expression in pigs. <i>American Journal of Veterinary Research</i> , 2002, 63, 1302-1308.	0.3	3