

Lee B Meakin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

987
citations

16
h-index

31
g-index

43
ext. papers

1,201
ext. citations

3.4
avg, IF

4.09
L-index

#	Paper	IF	Citations
42	Clinical use and complications of percutaneous cystostomy pigtail catheters in 25 cats.. <i>Journal of Feline Medicine and Surgery</i> , 2022 , 1098612X221080902	2.3	1
41	Computed tomographic staging of dogs with anal sac adenocarcinoma. <i>Journal of Small Animal Practice</i> , 2021 , 63, 27	1.6	1
40	Outcome following surgery to treat septic peritonitis in 95 cats in the United Kingdom. <i>Journal of Small Animal Practice</i> , 2021 , 62, 744-749	1.6	1
39	Cortical Thickness Adaptive Response to Mechanical Loading Depends on Periosteal Position and Varies Linearly With Loading Magnitude. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 671606	5.8	1
38	Influence of muscle-sparing lateral thoracotomy on postoperative pain and lameness: A randomized clinical trial. <i>Veterinary Surgery</i> , 2021 , 50, 1227-1236	1.7	1
37	Long-term outcome of female dogs treated for intramural ectopic ureters with cystoscopic-guided laser ablation. <i>Veterinary Surgery</i> , 2021 , 50, 1449-1462	1.7	1
36	Necrotising fasciitis and an associated fatal peri-adrenal abscess. <i>Journal of Small Animal Practice</i> , 2021 , 62, 712	1.6	
35	Mechanical strain-mediated reduction in RANKL expression is associated with RUNX2 and BRD2. <i>Gene: X</i> , 2020 , 5, 100027	2.1	8
34	Bone gain following loading is site-specifically enhanced by prior and concurrent disuse in aged male mice. <i>Bone</i> , 2020 , 133, 115255	4.7	4
33	Murine Axial Compression Tibial Loading Model to Study Bone Mechanobiology: Implementing the Model and Reporting Results. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 233-252	3.8	24
32	Suspected thyroid storm in a cat anaesthetised for bilateral thyroidectomy. <i>Veterinary Record Case Reports</i> , 2020 , 8, e000895	0.2	
31	Intrathoracic gastric torsion following surgical management of a type IV hiatal hernia. <i>Veterinary Record Case Reports</i> , 2020 , 8, e000926	0.2	
30	Outcomes of dogs treated for extrahepatic congenital portosystemic shunts with thin film banding or ameroid ring constrictor. <i>Veterinary Surgery</i> , 2020 , 49, 160-171	1.7	6
29	Penetrating thoracic wound with cardiac trauma. <i>Veterinary Record Case Reports</i> , 2019 , 7, e000955	0.2	
28	Reliability of CT measurement of induced radioulnar step in dogs using a circle superimposition technique. <i>Journal of Small Animal Practice</i> , 2018 , 59, 92-97	1.6	1
27	Indicator gloves not better than double standard gloves. <i>Veterinary Surgery</i> , 2017 , 46, 187-188	1.7	
26	Parathyroid hormone enhancement of bone's osteogenic response to loading is affected by ageing in a dose- and time-dependent manner. <i>Bone</i> , 2017 , 98, 59-67	4.7	14

25	Mechanical properties of 6 finger-trap suture techniques. <i>Veterinary Surgery</i> , 2017 , 46, 765-772	1.7	2
24	Old age and the associated impairment of bones adaptation to loading are associated with transcriptomic changes in cellular metabolism, cell-matrix interactions and the cell cycle. <i>Gene</i> , 2017 , 599, 36-52	3.8	27
23	Electrosurgery reduces blood loss and immediate postoperative inflammation compared to cold instruments for midline celiotomy in dogs: A randomized controlled trial. <i>Veterinary Surgery</i> , 2017 , 46, 515-519	1.7	3
22	Colored Indicator Undergloves Increase the Detection of Glove Perforations by Surgeons During Small Animal Orthopedic Surgery: A Randomized Controlled Trial. <i>Veterinary Surgery</i> , 2016 , 45, 709-14	1.7	14
21	Modulating Skeletal Responses to Mechanical Loading by Targeting Estrogen Receptor Signaling 2016 , 115-129		
20	Exercise does not enhance aged bone's impaired response to artificial loading in C57Bl/6 mice. <i>Bone</i> , 2015 , 81, 47-52	4.7	13
19	Disuse rescues the age-impaired adaptive response to external loading in mice. <i>Osteoporosis International</i> , 2015 , 26, 2703-8	5.3	14
18	Planar cell polarity aligns osteoblast division in response to substrate strain. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 423-35	6.3	16
17	Quantification of Alterations in Cortical Bone Geometry Using Site Specificity Software in Mouse models of Aging and the Responses to Ovariectomy and Altered Loading. <i>Frontiers in Endocrinology</i> , 2015 , 6, 52	5.7	21
16	Wnt16 Is Associated with Age-Related Bone Loss and Estrogen Withdrawal in Murine Bone. <i>PLoS ONE</i> , 2015 , 10, e0140260	3.7	24
15	Protein kinase C (PKC) regulates bone architecture and osteoblast activity. <i>Journal of Biological Chemistry</i> , 2014 , 289, 25509-22	5.4	20
14	Deletion of P58(IPK), the Cellular Inhibitor of the Protein Kinases PKR and PERK, Causes Bone Changes and Joint Degeneration in Mice. <i>Frontiers in Endocrinology</i> , 2014 , 5, 174	5.7	10
13	The Contribution of Experimental in vivo Models to Understanding the Mechanisms of Adaptation to Mechanical Loading in Bone. <i>Frontiers in Endocrinology</i> , 2014 , 5, 154	5.7	76
12	Age-related impairment of bones adaptive response to loading in mice is associated with sex-related deficiencies in osteoblasts but no change in osteocytes. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1859-71	6.3	69
11	The cyclooxygenase-2 selective inhibitor NS-398 does not influence trabecular or cortical bone gain resulting from repeated mechanical loading in female mice. <i>Osteoporosis International</i> , 2013 , 24, 383-8	5.3	10
10	Estrogen receptor- β s required for the osteogenic response to mechanical loading in a ligand-independent manner involving its activation function 1 but not 2. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 291-301	6.3	68
9	Male mice housed in groups engage in frequent fighting and show a lower response to additional bone loading than females or individually housed males that do not fight. <i>Bone</i> , 2013 , 54, 113-7	4.7	51
8	Prevalence, outcome and risk factors for postoperative pyothorax in 232 dogs undergoing thoracic surgery. <i>Journal of Small Animal Practice</i> , 2013 , 54, 313-7	1.6	8

7	Estrogen receptor α mediates proliferation of osteoblastic cells stimulated by estrogen and mechanical strain, but their acute down-regulation of the Wnt antagonist Sost is mediated by estrogen receptor β <i>Journal of Biological Chemistry</i> , 2013 , 288, 9035-48	5.4	80
6	Spinal deformity in aged zebrafish is accompanied by degenerative changes to their vertebrae that resemble osteoarthritis. <i>PLoS ONE</i> , 2013 , 8, e75787	3.7	45
5	Bone's adaptive response to mechanical loading is essentially linear between the low strains associated with disuse and the high strains associated with the lamellar/woven bone transition. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 1784-93	6.3	142
4	Estrogen receptors α and β have different gender-dependent effects on the adaptive responses to load bearing in cancellous and cortical bone. <i>Endocrinology</i> , 2012 , 153, 2254-66	4.8	49
3	Risedronate does not reduce mechanical loading-related increases in cortical and trabecular bone mass in mice. <i>Bone</i> , 2011 , 49, 133-9	4.7	32
2	Sost down-regulation by mechanical strain in human osteoblastic cells involves PGE2 signaling via EP4. <i>FEBS Letters</i> , 2011 , 585, 2450-4	3.8	70
1	Role of endocrine and paracrine factors in the adaptation of bone to mechanical loading. <i>Current Osteoporosis Reports</i> , 2011 , 9, 76-82	5.4	60