

# Aj Worth

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,421  
citations

361296

20  
h-index

360920

35  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of Lumbosacral Pedicle Screw Placement in Dogs: A Novel 3D Printed Patient-Specific Drill Guide versus Freehand Technique in Novice and Expert Surgeons. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2022, 35, 381-389.	0.2	2
2	Calcaneotibial screws for immobilisation of the tarsocrural joint of dogs in extension: effect of the angle of screw placement on the force to failure in a canine cadaveric model. <i>New Zealand Veterinary Journal</i> , 2021, 69, 294-298.	0.4	1
3	Animal medical genetics: a historical perspective on more than 50 years of research into genetic disorders of animals at Massey University. <i>New Zealand Veterinary Journal</i> , 2021, 69, 255-266.	0.4	0
4	The effect of pearl spacing on single-cycle load-to-failure and cyclic loading parameters of 2.0mm pearl locking plates. <i>New Zealand Veterinary Journal</i> , 2021, 69, 337-342.	0.4	0
5	Peripheral arteriovenous fistula manifesting as antebrachial dermatopathy in a cat. <i>Journal of the American Veterinary Medical Association</i> , 2019, 254, 393-398.	0.2	4
6	Computer-Assisted Surgery Using 3D Printed Saw Guides for Acute Correction of Antebrachial Angular Limb Deformities in Dogs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2019, 32, 241-249.	0.2	27
7	<p>Canine Degenerative Lumbosacral Stenosis: Prevalence, Impact And Management Strategies</p>. <i>Veterinary Medicine: Research and Reports</i> , 2019, Volume 10, 169-183.	0.4	14
8	Use of continuous sciatic nerve block for a week as part of a multidisciplinary approach for limb salvage in two dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2019, 46, 141-143.	0.3	1
9	Medium-Term Outcome and CT Assessment of Lateral Foraminotomy at the Lumbosacral Junction in Dogs with Degenerative Lumbosacral Stenosis. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018, 31, 037-043.	0.2	5
10	Mechanical testing of a steel-reinforced epoxy resin bar and clamp for external skeletal fixation of long-bone fractures in cats. <i>New Zealand Veterinary Journal</i> , 2018, 66, 144-153.	0.4	3
11	Heritabilities and genetic trends for elbow score as recorded by the New Zealand Veterinary Association Elbow Dysplasia Scheme (1992-2013) in four breeds of dog. <i>New Zealand Veterinary Journal</i> , 2018, 66, 154-161.	0.4	5
12	The CPT1a inhibitor, etomoxir induces severe oxidative stress at commonly used concentrations. <i>Scientific Reports</i> , 2018, 8, 6289.	1.6	119
13	Kinetics of Plasma Cell-Free DNA and Creatine Kinase in a Canine Model of Tissue Injury. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 157-164.	0.6	20
14	Repeatability of Three-Dimensional Computed Tomographic Volumetric Measurement of Lumbosacral Intervertebral Foramina in German Shepherd Dogs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018, 31, 339-343.	0.2	3
15	Evaluation of the rostral projection of the sacral lamina as a component of degenerative lumbosacral stenosis in German shepherd dogs. <i>Veterinary Surgery</i> , 2018, 47, 654-663.	0.5	3
16	The Site of Bone Marrow Acquisition Affects the Myeloid to Erythroid Ratio in Apparently Healthy Dogs. <i>Veterinary Pathology</i> , 2018, 55, 853-860.	0.8	2
17	Arginase 2 Suppresses Renal Carcinoma Progression via Biosynthetic Cofactor Pyridoxal Phosphate Depletion and Increased Polyamine Toxicity. <i>Cell Metabolism</i> , 2018, 27, 1263-1280.e6.	7.2	85
18	Provisional heritability estimates of four distraction index traits in a breeding population of German Shepherd dogs. <i>New Zealand Veterinary Journal</i> , 2018, 66, 319-324.	0.4	5

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19	A veterinary perspective on preventing injuries and other problems that shorten the life of working dogs. <i>OIE Revue Scientifique Et Technique</i> , 2018, 37, 161-169.	0.5	7
20	Computed tomographic evaluation of dynamic alteration of the canine lumbosacral intervertebral neurovascular foramina. <i>Veterinary Surgery</i> , 2017, 46, 255-264.	0.5	13
21	Effect of dorsal laminectomy and dorsal annulectomy with partial lumbosacral discectomy on the volume of the lateral intervertebral neuroforamina in dogs when the lumbosacral junction is extended. <i>Veterinary Surgery</i> , 2017, 46, 265-270.	0.5	6
22	Metabolic tracing analysis reveals substrate-specific metabolic deficits in platelet storage lesion. <i>Transfusion</i> , 2017, 57, 2683-2689.	0.8	4
23	Clinical outcomes of patient-specific porous titanium endoprostheses in dogs with tumors of the mandible, radius, or tibia: 12 cases (2013-2016). <i>Journal of the American Veterinary Medical Association</i> , 2017, 251, 566-579.	0.2	23
24	Adrenocortical carcinoma and succinate dehydrogenase gene mutations: an observational case series. <i>European Journal of Endocrinology</i> , 2017, 177, 439-444.	1.9	23
25	Effect of a calcaneo-tibial screw on medial and lateral stability of the canine tarsocrural joint <i>ex vivo</i> . <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2017, 30, 331-338.	0.2	5
26	Inhibition of Mitochondrial Complex II by the Anticancer Agent Lonidamine. <i>Journal of Biological Chemistry</i> , 2016, 291, 42-57.	1.6	132
27	AMPK Activation and Metabolic Reprogramming by Tamoxifen through Estrogen Receptor-Independent Mechanisms Suggests New Uses for This Therapeutic Modality in Cancer Treatment. <i>Cancer Research</i> , 2016, 76, 3295-3306.	0.4	69
28	Diisopropylethylamine/hexafluoroisopropanol-mediated ion-pairing ultra-high-performance liquid chromatography/mass spectrometry for phosphate and carboxylate metabolite analysis: utility for studying cellular metabolism. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1835-1845.	0.7	45
29	LC-MS Analysis of Human Platelets as a Platform for Studying Mitochondrial Metabolism. <i>Journal of Visualized Experiments</i> , 2016, , e53941.	0.2	6
30	ACCURACY OF RADIOGRAPHIC DETECTION OF THE CRANIAL MARGIN OF THE DORSAL LAMINA OF THE CANINE SACRUM. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 579-588.	0.4	2
31	ATM Couples Replication Stress and Metabolic Reprogramming during Cellular Senescence. <i>Cell Reports</i> , 2015, 11, 893-901.	2.9	94
32	Metabolism of propionic acid to a novel acyl-coenzyme A thioester by mammalian cell lines and platelets. <i>Journal of Lipid Research</i> , 2015, 56, 142-150.	2.0	16
33	Surgical repair of humeral condylar fractures in New Zealand working farm dogs - long-term outcome and owner satisfaction. <i>New Zealand Veterinary Journal</i> , 2015, 63, 110-116.	0.4	7
34	Genetic evaluation of the total hip score of four populous breeds of dog, as recorded by the New Zealand Veterinary Association Hip Dysplasia Scheme (1991-2011). <i>New Zealand Veterinary Journal</i> , 2015, 63, 79-85.	0.4	10
35	Production of stable isotope-labeled acyl-coenzyme A thioesters by yeast stable isotope labeling by essential nutrients in cell culture. <i>Analytical Biochemistry</i> , 2015, 474, 59-65.	1.1	51
36	Canine hip dysplasia: phenotypic scoring and the role of estimated breeding value analysis. <i>New Zealand Veterinary Journal</i> , 2015, 63, 69-78.	0.4	28

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37	Stable isotopes and LC-MS for monitoring metabolic disturbances in Friedreich's ataxia platelets. <i>Bioanalysis</i> , 2015, 7, 1843-1855.	0.6	26
38	Stable isotope dilution liquid chromatography/mass spectrometry analysis of cellular and tissue medium- and long-chain acyl-coenzyme A thioesters. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1840-1848.	0.7	27
39	Inhibition of Neuronal Cell Mitochondrial Complex I with Rotenone Increases Lipid $\dot{I}^2$ -Oxidation, Supporting Acetyl-Coenzyme A Levels. <i>Journal of Biological Chemistry</i> , 2014, 289, 26895-26903.	1.6	42
40	Computed tomographic method for measurement of inclination angles and motion of the sacroiliac joints in German Shepherd Dogs and Greyhounds. <i>American Journal of Veterinary Research</i> , 2013, 74, 1172-1182.	0.3	12
41	Permanent monoparesis in a dog after intramedullary injection of iohexol into the lumbar spinal cord. <i>New Zealand Veterinary Journal</i> , 2013, 61, 53-59.	0.4	1
42	Causes of loss or retirement from active duty for New Zealand police German shepherd dogs. <i>Animal Welfare</i> , 2013, 22, 167-174.	0.3	29
43	Rapid prototype modeling and customized titanium plate fabrication for correction of a persistent hard palate defect in a dog. <i>Journal of the American Veterinary Medical Association</i> , 2012, 240, 1316-1322.	0.2	9
44	Seasonal variation in the hip score of dogs as assessed by the New Zealand Veterinary Association Hip Dysplasia scheme. <i>New Zealand Veterinary Journal</i> , 2012, 60, 110-114.	0.4	5
45	Long-term outcomes after partial tarsal arthrodesis in working farm dogs in New Zealand. <i>New Zealand Veterinary Journal</i> , 2012, 60, 50-55.	0.4	7
46	Comparison Between a Novel Bovine Xenoinplant and Autogenous Cancellous Bone Graft in Tibial Tuberosity Advancement. <i>Veterinary Surgery</i> , 2012, 41, 559-567.	0.5	11
47	Trends in the phenotypic hip status of selected breeds of dog as measured by the New Zealand Veterinary Association Hip Dysplasia scheme (1990-2008). <i>New Zealand Veterinary Journal</i> , 2011, 59, 67-74.	0.4	6
48	Computer-assisted surgical correction of an antebrachial deformity in a dog. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2010, 23, 354-361.	0.2	48
49	Reduction in the incidence of elbow dysplasia in four breeds of dog as measured by the New Zealand Veterinary Association scoring scheme. <i>New Zealand Veterinary Journal</i> , 2010, 58, 190-195.	0.4	7
50	Successful return to work after surgical repair of fracture of the medial condyle of the distal femur in two working farm dogs. <i>New Zealand Veterinary Journal</i> , 2009, 57, 58-62.	0.4	6
51	Prospective evaluation of pancarpal arthrodesis for carpal injuries in working dogs in New Zealand, using dorsal hybrid plating. <i>New Zealand Veterinary Journal</i> , 2009, 57, 331-337.	0.4	14
52	Intra-thoracic pyogranulomatous disease in four working dogs. <i>New Zealand Veterinary Journal</i> , 2009, 57, 346-351.	0.4	10
53	Degenerative lumbosacral stenosis in working dogs: Current concepts and review. <i>New Zealand Veterinary Journal</i> , 2009, 57, 319-330.	0.4	30
54	An assessment of the agreement between the New Zealand Veterinary Association Hip Dysplasia Scoring System and the PennHIP distraction index in German Shepherd dogs. <i>New Zealand Veterinary Journal</i> , 2009, 57, 338-345.	0.4	9

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55	IMAGING DIAGNOSIS OF TRAUMATIC MYELOPATHY IN A DOG WITH INCOMPLETE OSSIFICATION OF THE DORSAL LAMINA OF THE ATLAS. <i>Veterinary Radiology and Ultrasound</i> , 2008, 49, 570-572.	0.4	15
56	Long-term assessment of pancarpal arthrodesis performed on working dogs in New Zealand. <i>New Zealand Veterinary Journal</i> , 2008, 56, 78-84.	0.4	18
57	Management of fractures of the long bones of eight cats using external skeletal fixation and a tied-in intra-medullary pin with a resin-acrylic bar. <i>New Zealand Veterinary Journal</i> , 2007, 55, 191-197.	0.4	15
58	Combined xeno/auto-grafting of a benign osteolytic lesion in a dog, using a novel bovine cancellous bone biomaterial. <i>New Zealand Veterinary Journal</i> , 2007, 55, 143-148.	0.4	13
59	Radioiodide ( <sup>131</sup> I) therapy for the treatment of canine thyroid carcinoma. <i>Australian Veterinary Journal</i> , 2005, 83, 208-214.	0.5	62
60	The evaluation of processed cancellous bovine bone as a bone graft substitute. <i>Clinical Oral Implants Research</i> , 2005, 16, 379-386.	1.9	28
61	Necrotising fasciitis associated with <i>Escherichia coli</i> in a dog. <i>New Zealand Veterinary Journal</i> , 2005, 53, 257-260.	0.4	18
62	Ectopic hepatocellular carcinoma in a dog. <i>New Zealand Veterinary Journal</i> , 2005, 53, 465-467.	0.4	7
63	Migration of wooden skewer foreign bodies from the gastrointestinal tract in eight dogs. <i>Journal of Small Animal Practice</i> , 2004, 45, 362-367.	0.5	31
64	Post-traumatic paraureteral urinoma in a cat. <i>Journal of Small Animal Practice</i> , 2004, 45, 413-416.	0.5	21
65	Ability to work and owner satisfaction following surgical repair of common calcanean tendon injuries in working dogs in New Zealand. <i>New Zealand Veterinary Journal</i> , 2004, 52, 109-116.	0.4	41
66	The Use of New Zealand Animal Bone as Bioceramic Bone Xenografts: Concept to Clinical Study. <i>Key Engineering Materials</i> , 2003, 240-242, 427-432.	0.4	0
67	Nitrite poisoning in cats and dogs fed a commercial pet food. <i>New Zealand Veterinary Journal</i> , 1997, 45, 193-195.	0.4	13