

Korakot Nganvongpanit

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72
papers

500
citations

12
h-index

17
g-index

92
ext. papers

671
ext. citations

2.3
avg, IF

3.87
L-index

#	Paper	IF	Citations
72	Elemental Analysis of Bone, Teeth, Horn and Antler in Different Animal Species Using Non-Invasive Handheld X-Ray Fluorescence. <i>PLoS ONE</i> , 2016 , 11, e0155458	3.7	44
71	Effects of one-time and two-time intra-articular injection of hyaluronic acid sodium salt after joint surgery in dogs. <i>Journal of Veterinary Science</i> , 2013 , 14, 215-22	1.6	19
70	Suppression of Cartilage Degradation by Zingerone Involving the p38 and JNK MAPK Signaling Pathway. <i>Planta Medica</i> , 2017 , 83, 268-276	3.1	18
69	Changing trends in elephant camp management in northern Thailand and implications for welfare. <i>PeerJ</i> , 2018 , 6, e5996	3.1	18
68	Effects of hyaluronic acid combined with anti-inflammatory drugs compared with hyaluronic acid alone, in clinical trials and experiments in osteoarthritis: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 387	2.8	17
67	Evaluation of serum chondroitin sulfate and hyaluronan: biomarkers for osteoarthritis in canine hip dysplasia. <i>Journal of Veterinary Science</i> , 2008 , 9, 317-25	1.6	15
66	Effects of different omega-3 sources, fish oil, krill oil, and green-lipped mussel against cytokine-mediated canine cartilage degradation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 448-457	2.6	14
65	Distinguishing real from fake ivory products by elemental analyses: A Bayesian hybrid classification method. <i>Forensic Science International</i> , 2017 , 272, 142-149	2.6	14
64	Preliminary Study to Test the Feasibility of Sex Identification of Human (<i>Homo sapiens</i>) Bones Based on Differences in Elemental Profiles Determined by Handheld X-ray Fluorescence. <i>Biological Trace Element Research</i> , 2016 , 173, 21-9	4.5	14
63	Effects of low molecular weight hyaluronan combined with carprofen on canine osteoarthritis articular chondrocytes and cartilage explants in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 857-65	2.6	14
62	Isolation and culture of primary adult skin fibroblasts from the Asian elephant (<i>Elephas maximus</i>). <i>PeerJ</i> , 2018 , 6, e4302	3.1	14
61	Elemental Analysis of Asian Elephant (<i>Elephas maximus</i>) Teeth Using X-ray Fluorescence and a Comparison to Other Species. <i>Biological Trace Element Research</i> , 2016 , 170, 94-105	4.5	13
60	Feline (<i>Felis catus</i>) Skull and Pelvic Morphology and Morphometry: Gender-Related Difference?. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2017 , 46, 294-303	1.1	11
59	Management factors affecting adrenal glucocorticoid activity of tourist camp elephants in Thailand and implications for elephant welfare. <i>PLoS ONE</i> , 2019 , 14, e0221537	3.7	11
58	Anatomy, histology and elemental profile of long bones and ribs of the Asian elephant (<i>Elephas maximus</i>). <i>Anatomical Science International</i> , 2017 , 92, 554-568	2	11
57	Determining comparative elemental profile using handheld X-ray fluorescence in humans, elephants, dogs, and dolphins: Preliminary study for species identification. <i>Forensic Science International</i> , 2016 , 263, 101-106	2.6	11
56	Effects of corticosteroids and their combinations with hyaluronan on the biochemical properties of porcine cartilage explants. <i>BMC Veterinary Research</i> , 2015 , 11, 298	2.7	10

55	Effect of swimming on clinical functional parameters and serum biomarkers in healthy and osteoarthritic dogs. <i>ISRN Veterinary Science</i> , 2014 , 2014, 459809		10
54	The effect of doxycycline on canine hip osteoarthritis: design of a 6-months clinical trial. <i>Journal of Veterinary Science</i> , 2009 , 10, 239-47	1.6	10
53	In vitro effects of triamcinolone acetonide and in combination with hyaluronan on canine normal and spontaneous osteoarthritis articular cartilage. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 723-35	2.6	10
52	Comparison of Bone Tissue Elements Between Normal and Osteoarthritic Pelvic Bones in Dogs. <i>Biological Trace Element Research</i> , 2016 , 171, 344-353	4.5	9
51	In vitro cytotoxic screening of 31 crude extracts of Thai herbs on a chondrosarcoma cell line and primary chondrocytes and apoptotic effects of selected extracts. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 434-44	2.6	9
50	What the skull and scapular morphology of the dugong (<i>Dugong dugon</i>) can tell us: sex, habitat and body length?. <i>Scientific Reports</i> , 2017 , 7, 1964	4.9	9
49	Prospective evaluation of serum biomarker levels and cartilage repair by autologous chondrocyte transplantation and subchondral drilling in a canine model. <i>Arthritis Research and Therapy</i> , 2009 , 11, R785-7	5.7	9
48	Management factors affecting physical health and welfare of tourist camp elephants in Thailand. <i>PeerJ</i> , 2019 , 7, e6756	3.1	9
47	Use of handheld X-ray fluorescence as a non-invasive method to distinguish between Asian and African elephant tusks. <i>Scientific Reports</i> , 2016 , 6, 24845	4.9	9
46	Elephant Tourism in Thailand: A Review of Animal Welfare Practices and Needs. <i>Journal of Applied Animal Welfare Science</i> , 2020 , 23, 164-177	1.6	9
45	Chondroprotective potential of <i>Phyllanthus amarus</i> Schum. & Thonn. in experimentally induced cartilage degradation in the explants culture model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 336-44	2.6	8
44	Gender-Related Differences in Pelvic Morphometrics of the Retriever Dog Breed. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2017 , 46, 51-57	1.1	7
43	Variation in elemental composition of human teeth and its application for feasible species identification. <i>Forensic Science International</i> , 2017 , 271, 33-42	2.6	7
42	In vitro suppression of the MMP-3 gene in normal and cytokine-treated human chondrosarcoma using small interfering RNA. <i>Journal of Orthopaedic Surgery and Research</i> , 2009 , 4, 45	2.8	7
41	Two fluoroquinolones and their combinations with hyaluronan: comparison of effects on canine chondrocyte culture. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016 , 39, 439-51	1.4	7
40	Osteoarthritis in two marine mammals and 22 land mammals: learning from skeletal remains. <i>Journal of Anatomy</i> , 2017 , 231, 140-155	2.9	6
39	Prevalence of Swimming Puppy Syndrome in 2,443 Puppies during the Years 2006-2012 in Thailand. <i>Veterinary Medicine International</i> , 2013 , 2013, 617803	1.5	6
38	The Distribution of Elements in 48 Canine Compact Bone Types Using Handheld X-Ray Fluorescence. <i>Biological Trace Element Research</i> , 2016 , 174, 93-104	4.5	6

37	In Vitro Chondroprotective Potential of Extracts Obtained from Various Phyllanthus Species. <i>Planta Medica</i> , 2017 , 83, 87-96	3.1	5
36	Differences in osteon structure histomorphometry between puppyhood and adult stages in the Golden Retriever. <i>Anatomical Science International</i> , 2017 , 92, 483-492	2	5
35	Elemental classification of the tusks of dugong (<i>Dugong dugong</i>) by HH-XRF analysis and comparison with other species. <i>Scientific Reports</i> , 2017 , 7, 46167	4.9	5
34	Distribution of Melanin Pigmentation in 33 Organs of Thai Black-Bone Chickens (). <i>Animals</i> , 2020 , 10,	3.1	5
33	Effects of bromelain on cellular characteristics and expression of selected genes in canine in vitro chondrocyte culture. <i>Veterinari Medicina</i> , 2010 , 55, 551-560	0.7	5
32	Age relationships with telomere length, body weight and body length in wild dugong (). <i>PeerJ</i> , 2020 , 8, e10319	3.1	5
31	Simultaneous differential detection of canine blood parasites: Multiplex high-resolution melting analysis (mHRM). <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101370	3.6	5
30	Using mini-barcodes coupled with high resolution melting (minibar-HRM) method for species discrimination across <i>Pangasianodon gigas</i> , <i>Pangasianodon hypophthalmus</i> and <i>Pangasius larnaudii</i> . <i>Aquaculture</i> , 2021 , 530, 735773	4.4	5
29	Genetic Diversity and Variation in Captive Asian Elephants (<i>Elephas maximus</i>) in Thailand. <i>Tropical Conservation Science</i> , 2018 , 11, 194008291881687	1.4	5
28	Differences in compact bone tissue microscopic structure between adult humans (<i>Homo sapiens</i>) and Assam macaques (<i>Macaca assamensis</i>). <i>Forensic Science International</i> , 2015 , 254, 243.e1-5	2.6	4
27	Genetic diversity in a unique population of dugong (<i>Dugong dugon</i>) along the sea coasts of Thailand. <i>Scientific Reports</i> , 2021 , 11, 11624	4.9	4
26	Can feline (<i>Felis catus</i>) flat and long bone morphometry predict sex or skull shape?. <i>Anatomical Science International</i> , 2019 , 94, 245-256	2	4
25	Genetic variations and dog breed identification using inter-simple sequence repeat markers coupled with high resolution melting analysis. <i>PeerJ</i> , 2020 , 8, e10215	3.1	3
24	Phylogenetic analyses of distantly related clades of bent-toed geckos (genus <i>Cyrtodactylus</i>) reveal an unprecedented amount of cryptic diversity in northern and western Thailand. <i>Scientific Reports</i> , 2021 , 11, 2328	4.9	3
23	Determination of whether morphometric analysis of vertebrae in the domestic cat (<i>Felis catus</i>) is related to sex or skull shape. <i>Anatomical Science International</i> , 2020 , 95, 387-398	2	2
22	Histology of 24 organs from Asian elephant calves (). <i>PeerJ</i> , 2018 , 6, e4947	3.1	2
21	In vitro Effects of Polysaccharide Gel Extracted from Durian Rinds (<i>Durio zibethinus</i> L.) on the Enzymatic Activities of MMP-2, MMP-3 and MMP-9 in Canine Chondrocyte Culture. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2012 , 151-154	0.3	2
20	Consistency of dark skeletal muscles in Thai native black-bone chickens (). <i>PeerJ</i> , 2021 , 9, e10728	3.1	2

19	Comparison of the effects of cefazolin and ceftriaxone on canine chondrocyte culture. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2017 , 40, 604-617	1.4	1
18	New findings of branching variations in subclavian arteries and supra-aortic arteries in <i>Felis catus</i> . <i>Anatomical Science International</i> , 2020 , 95, 440-454	2	1
17	Physiological Effects of Water Temperatures in Swimming Toy Breed Dogs. <i>Kafkas Universitesi Veteriner Fakultesi Dergisi</i> , 2014 ,	1.2	1
16	Detection of DNA Markers in Dogs with Patellar Luxation by High Annealing Temperature - Random Amplified Polymorphic DNA Analysis. <i>Kafkas Universitesi Veteriner Fakultesi Dergisi</i> , 2014 ,	1.2	1
15	Articular cartilage gene expression after coxofemoral joint luxation in the dog. <i>Veterinary Medicine International</i> , 2013 , 2013, 936317	1.5	1
14	Study of Mechanical Properties of Magnesium Oxide Doped Alumina (Al ₂ O ₃) and Ytria Stabilized Zirconia (YSZ) Composite for Medical Applications. <i>Advanced Materials Research</i> , 2012 , 506, 521-524	0.5	1
13	Serum Biochemistry in Four Siberian Husky Puppies with Swimming Puppy Syndrome. <i>Open Journal of Veterinary Medicine</i> , 2012 , 02, 230-232	0.3	1
12	Feasibility of melting fingerprint obtained from ISSR-HRM curves for marine mammal species identification. <i>PeerJ</i> , 2021 , 9, e11689	3.1	1
11	A new candidate gene for patellar luxation in Chihuahua dogs. <i>Veterinary World</i> , 2018 , 11, 1277-1284	1.7	1
10	The Potential Distribution and Maternal Lineage of Two Cetaceans Species (<i>Grampus griseus</i> and <i>Pseudorca crassidens</i>) in the Subfamily Globicephalinae from the Thai Andaman Sea and the Gulf of Thailand. <i>Diversity</i> , 2022 , 14, 257	2.5	1
9	Relationship of stranded cetaceans in Thai territorial waters to global populations: Mitochondrial DNA diversity of Cuvier's beaked whale, Indo Pacific finless porpoise, pygmy sperm whale, and dwarf sperm whale. <i>Science Progress</i> , 2022 , 105, 003685042211037	1.1	1
8	Screening Thai plants for DNA protection, anti-collagenase and suppression of MMP-3 expression properties. <i>Asian Pacific Journal of Tropical Disease</i> , 2015 , 5, 489-496		0
7	Determination of two fluoroquinolones and their combinations with hyaluronan effect in canine cartilage explants. <i>PeerJ</i> , 2019 , 7, e6553	3.1	0
6	Pelvic bone morphometric analysis in the dugong (<i>Dugong dugon</i>). <i>Scientific Reports</i> , 2020 , 10, 19350	4.9	0
5	Life Expectancy in Marine Mammals Is Unrelated to Telomere Length but Is Associated With Body Size. <i>Frontiers in Genetics</i> , 2021 , 12, 737860	4.5	0
4	Response to comments on "Effects of different omega-3 sources, fish oil, krill oil, and green-lipped mussel, against cytokine-mediated canine cartilage degradation"-In Vitro Cell Dev Biol Anim. 2017 doi: 10.1007/s11626-016-0125-y. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 776-777	2.6	
3	Mammalian species identification using ISSR-HRM technique. <i>Science Progress</i> , 2021 , 104, 368504211026163		
2	Morphometric analysis of cervical vertebrae in some marine and land mammals. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2021 , 50, 812-825	1.1	

- 1 Elemental Distribution in Animal Carpal and Tarsal Bones Using Differences in X-ray Fluorescence Energy. *Biological Trace Element Research*, **2021**, 199, 874-887 4.5