

Carsten Staszyk

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,224
citations

331538

21
h-index

454834

30
g-index

82
all docs

82
docs citations

82
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and differentiation characteristics of equine mesenchymal stromal cells derived from different sources. <i>Veterinary Journal</i> , 2013, 195, 98-106.	0.6	98
2	Equine odontoclastic tooth resorption and hypercementosis. <i>Veterinary Journal</i> , 2008, 178, 372-379.	0.6	80
3	Isolation and characterization of multipotent mesenchymal stromal cells from the gingiva and the periodontal ligament of the horse. <i>BMC Veterinary Research</i> , 2011, 7, 42.	0.7	60
4	Simulation of local anaesthetic nerve block of the infraorbital nerve within the pterygopalatine fossa: Anatomical landmarks defined by computed tomography. <i>Research in Veterinary Science</i> , 2008, 85, 399-406.	0.9	54
5	Biomechanical evaluation of the equine masticatory action: Calculation of the masticatory forces occurring on the cheek tooth battery. <i>Journal of Biomechanics</i> , 2009, 42, 67-70.	0.9	36
6	Three-dimensional anatomy of equine incisors: tooth length, enamel cover and age related changes. <i>BMC Veterinary Research</i> , 2013, 9, 249.	0.7	35
7	Blood vessels of the rat tail: a histological re-examination with respect to blood vessel puncture methods. <i>Laboratory Animals</i> , 2003, 37, 121-125.	0.5	33
8	Isolation of equine multipotent mesenchymal stromal cells by enzymatic tissue digestion or explant technique: comparison of cellular properties. <i>BMC Veterinary Research</i> , 2013, 9, 221.	0.7	32
9	Effect of autologous adipose tissue-derived mesenchymal stem cells on neovascularization of artificial equine tendon lesions. <i>Regenerative Medicine</i> , 2014, 9, 743-757.	0.8	32
10	USING SEMI-AUTOMATED SEGMENTATION OF COMPUTED TOMOGRAPHY DATASETS FOR THREE-DIMENSIONAL VISUALIZATION AND VOLUME MEASUREMENTS OF EQUINE PARANASAL SINUSES. <i>Veterinary Radiology and Ultrasound</i> , 2013, 54, 582-590.	0.4	31
11	Dental Benign Cementomas in Three Horses. <i>Veterinary Pathology</i> , 2007, 44, 533-536.	0.8	29
12	The dental cavities of equine cheek teeth: three-dimensional reconstructions based on high resolution micro-computed tomography. <i>BMC Veterinary Research</i> , 2012, 8, 173.	0.7	27
13	Finite element analysis of equine incisor teeth. Part 2: Investigation of stresses and strain energy densities in the periodontal ligament and surrounding bone during tooth movement. <i>Veterinary Journal</i> , 2013, 198, 590-598.	0.6	27
14	Collagen Fiber Architecture of the Periodontal Ligament in Equine Cheek Teeth. <i>Journal of Veterinary Dentistry</i> , 2006, 23, 143-147.	0.1	26
15	The sinonasal communication in the horse: examinations using computerized three-dimensional reformatted renderings of computed-tomography datasets. <i>BMC Veterinary Research</i> , 2014, 10, 72.	0.7	25
16	Distinct fibro-vascular arrangements in the periodontal ligament of the horse. <i>Archives of Oral Biology</i> , 2005, 50, 439-447.	0.8	23
17	Effects of experimental mechanical manipulations on local inflammation in the jejunum of horses. <i>American Journal of Veterinary Research</i> , 2014, 75, 385-391.	0.3	23
18	Equine dental and periodontal anatomy: A tutorial review. <i>Equine Veterinary Education</i> , 2015, 27, 474-481.	0.3	23

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19	Infundibula of equine maxillary cheek teeth. Part 1: Development, blood supply and infundibular cementogenesis. <i>Veterinary Journal</i> , 2016, 209, 57-65.	0.6	23
20	Infundibula of equine maxillary cheek teeth. <i>Veterinary Journal</i> , 2016, 209, 66-73.	0.6	23
21	Identification of Equine Cutaneous Lymphangioma by Application of a Lymphatic Endothelial Cell Marker. <i>Journal of Comparative Pathology</i> , 2010, 143, 57-60.	0.1	22
22	Influence of mechanical manipulations on the local inflammatory reaction in the equine colon. <i>Equine Veterinary Journal</i> , 2011, 43, 1-7.	0.9	22
23	Radiological prevalence of equine odontoclastic tooth resorption and hypercementosis. <i>Equine Veterinary Journal</i> , 2018, 50, 481-487.	0.9	21
24	Absence of lymphatic vessels in the dog dental pulp: an immunohistochemical study. <i>Journal of Anatomy</i> , 2010, 217, 609-615.	0.9	18
25	Oxytalan Fibres in the Periodontal Ligament of Equine Molar Cheek Teeth. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2004, 33, 17-22.	0.3	17
26	The equine periodontium as a continuously remodeling system: Morphometrical analysis of cell proliferation. <i>Archives of Oral Biology</i> , 2006, 51, 1141-1149.	0.8	17
27	The blood vessel system in the periodontal ligament of the equine cheek teeth – Part I: The spatial arrangement in layers. <i>Annals of Anatomy</i> , 2006, 188, 529-533.	1.0	17
28	Immunohistochemical Identification of Lymphatic Vessels in the Periodontium of Equine Cheek Teeth. <i>Journal of Veterinary Dentistry</i> , 2005, 22, 227-232.	0.1	16
29	Periodontal biomechanics: finite element simulations of closing stroke and power stroke in equine cheek teeth. <i>BMC Veterinary Research</i> , 2012, 8, 60.	0.7	15
30	Finite element analysis of equine incisor teeth. Part 1: Determination of the material parameters of the periodontal ligament. <i>Veterinary Journal</i> , 2013, 198, 583-589.	0.6	15
31	Equine odontoclastic tooth resorption and hypercementosis affecting all cheek teeth in two horses: Clinical and histopathological findings. <i>Equine Veterinary Education</i> , 2016, 28, 123-130.	0.3	15
32	Equine odontoclastic tooth resorption and hypercementosis. <i>Equine Veterinary Education</i> , 2018, 30, 386-391.	0.3	14
33	Functional anatomy of the equine temporomandibular joint: Collagen fiber texture of the articular surfaces. <i>Veterinary Journal</i> , 2016, 217, 58-64.	0.6	12
34	Primary culture of fibroblasts and cementoblasts of the equine periodontium. <i>Research in Veterinary Science</i> , 2007, 82, 150-157.	0.9	11
35	The blood vessel system in the periodontal ligament of the equine cheek teeth – Part II: The micro-architecture and its functional implications in a constantly remodelling system. <i>Annals of Anatomy</i> , 2006, 188, 535-539.	1.0	10
36	Anatomy of equine incisors: Pulp horns and subocclusal dentine thickness. <i>Equine Veterinary Journal</i> , 2018, 50, 854-860.	0.9	10

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37	Occlusal angles of equine cheek teeth. <i>Livestock Science</i> , 2016, 186, 78-84.	0.6	9
38	Bone marrow-derived multipotent mesenchymal stromal cells from horses after euthanasia. <i>Veterinary Medicine and Science</i> , 2017, 3, 239-251.	0.6	9
39	Finite element analysis in 3-D models of equine cheek teeth. <i>Veterinary Journal</i> , 2012, 193, 391-396.	0.6	8
40	Optimising CT Imaging of the Middle and Inner Cat Ear. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2012, 41, 113-121.	0.3	8
41	Immunohistochemical detection of matrix metalloproteinase-1 in the periodontal ligament of equine cheek teeth. <i>Tissue and Cell</i> , 2007, 39, 369-376.	1.0	7
42	Biomechanical Evaluation of Equine Masticatory Action: Position and Curvature of Equine Cheek Teeth and Age-Related Changes. <i>Anatomical Record</i> , 2008, 291, 565-570.	0.8	7
43	A Fresh Look at the Anatomy and Physiology of Equine Mastication. <i>Veterinary Clinics of North America Equine Practice</i> , 2013, 29, 257-272.	0.3	7
44	Sternal bone marrow derived equine multipotent mesenchymal stromal cells (MSCs): investigations considering the sampling site and the use of different culture media. <i>Veterinary Medicine and Science</i> , 2016, 2, 200-210.	0.6	7
45	Occlusal Angles of Equine Incisors. <i>Journal of Veterinary Dentistry</i> , 2017, 34, 259-267.	0.1	7
46	Molecular Characteristics of the Equine Periodontal Ligament. <i>Frontiers in Veterinary Science</i> , 2017, 4, 235.	0.9	7
47	Functional anatomy of the equine temporomandibular joint: Histological characteristics of the articular surfaces and underlining tissues. <i>Veterinary Journal</i> , 2018, 239, 35-41.	0.6	7
48	Occlusal fissures in equine cheek teeth: CT and histological findings. <i>Veterinary Journal</i> , 2020, 255, 105421.	0.6	7
49	Early incisor lesions and Equine Odontoclastic Tooth Resorption and Hypercementosis: Reliability of radiographic findings. <i>Equine Veterinary Journal</i> , 2023, 55, 261-269.	0.9	7
50	Intra-pulp temperature increase of equine cheek teeth during treatment with motorized grinding systems: influence of grinding head position and rotational speed. <i>BMC Veterinary Research</i> , 2014, 10, 47.	0.7	6
51	Characterization of the temporomandibular joint of the harbour porpoise (<i>Phocoena phocoena</i>) and Risso's dolphin (<i>Grampus griseus</i>). <i>Archives of Oral Biology</i> , 2015, 60, 582-592.	0.8	6
52	Cranial morphology in the brachygnathic sheep. <i>BMC Veterinary Research</i> , 2016, 12, 8.	0.7	6
53	Peripheral caries and disease of the periodontium in Western Australian horses: An epidemiological, anatomical and histopathological assessment. <i>Equine Veterinary Journal</i> , 2019, 51, 617-624.	0.9	6
54	Computed Tomography (CT)-Assisted 3D Cephalometry in Horses: Interincisal Angulation of Clinical Crowns. <i>Frontiers in Veterinary Science</i> , 2020, 7, 434.	0.9	6

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55	Arthrotomy for the treatment of chronic purulent septic gonitis with subchondral osteolysis in two calves. <i>New Zealand Veterinary Journal</i> , 2012, 60, 310-314.	0.4	5
56	The equine periodontium: The (re)model tissue. <i>Veterinary Journal</i> , 2012, 194, 280-281.	0.6	5
57	A simple fluorescence labeling method to visualize the three-dimensional arrangement of collagen fibers in the equine periodontal ligament. <i>Annals of Anatomy</i> , 2004, 186, 149-152.	1.0	4
58	Uneven distribution of enamel, dentine and cementum in cheek teeth of domestic horses (<i>Equus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	4
59	Sensitivity and specificity of magnetic resonance imaging and computed tomography for the determination of the developmental state of cranial sutures and synchondroses in the dog. <i>BMC Veterinary Research</i> , 2019, 15, 221.	0.7	4
60	The Enthesis of the Elbow-Joint Capsule of the Dog Humerus. <i>European Journal of Morphology</i> , 2001, 39, 319-323.	1.4	4
61	The Equine Dental Pulp: Histomorphometric Analysis of the Equine Dental Pulp in Incisors and Cheek Teeth. <i>Veterinary Sciences</i> , 2022, 9, 261.	0.6	4
62	Ovine craniofacial malformation: A morphometrical study. <i>Research in Veterinary Science</i> , 2012, 93, 1122-1127.	0.9	3
63	Three-Dimensional Anatomy of the Equine Sternum. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2015, 44, 99-106.	0.3	3
64	Influence of dental materials on cells of the equine periodontium. <i>Equine Veterinary Journal</i> , 2018, 50, 363-369.	0.9	3
65	Closure times of neurocranial sutures and synchondroses in Persian compared to Domestic Shorthair cats. <i>Scientific Reports</i> , 2022, 12, 573.	1.6	3
66	Application of in vivo microdialysis for investigation of unbound drug concentrations of intravenously administered sulfadimidine in the paranasal sinus mucosa of horses. <i>American Journal of Veterinary Research</i> , 2015, 76, 318-327.	0.3	2
67	The Temporomandibular Joint Through the Lens of Comparative Anatomy. , 2019, , 41-50.		2
68	The facultative human oral pathogen <i>Prevotella histicola</i> in equine cheek tooth apical/ periapical infection: a case report. <i>BMC Veterinary Research</i> , 2021, 17, 343.	0.7	2
69	A Computerized Simulation of the Occlusal Surface in Equine Cheek Teeth: A Simplified Model. <i>Frontiers in Veterinary Science</i> , 2021, 8, 789133.	0.9	2
70	The Gingiva of Horses With Pituitary Pars Intermedia Dysfunction: A Macroscopic Anatomical Evaluation. <i>Frontiers in Veterinary Science</i> , 2021, 8, 786971.	0.9	2
71	Measurement of the Curve of Spee in Horses. <i>Journal of Veterinary Dentistry</i> , 2009, 26, 216-218.	0.1	1
72	The Equine Gingiva: A Gross Anatomical Evaluation. <i>Frontiers in Veterinary Science</i> , 2019, 6, 322.	0.9	1

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73	The Equine Gingiva: A Histological Evaluation. <i>Frontiers in Veterinary Science</i> , 2019, 6, 435.	0.9	1
74	Activated platelets and platelet-leukocyte aggregates in the equine systemic inflammatory response syndrome. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, , 104063872210779.	0.5	1
75	Equine Incisor Lesions: Histologic Confirmation of Radiographic, Macroscopic, and Micro-Computed Tomographic Findings. <i>Veterinary Sciences</i> , 2022, 9, 348.	0.6	1
76	Comparative studies on the histological characteristics of equine nasomaxillary aperture and paranasal sinus mucosa considering topographic and age-related differences. <i>Acta Veterinaria Scandinavica</i> , 2020, 62, 34.	0.5	0
77	Equine odontoclastic tooth resorption and hypercementosis: Investigating individual incisor disease patterns using radiological classification. <i>Equine Veterinary Journal</i> , 2023, 55, 419-425.	0.9	0