

Kirsti Witter

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

527
citations

567281

15
h-index

677142

22
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35
all docs

35
docs citations

35
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Using virtual microscopy for the development of sampling strategies in quantitative histology and design-based stereology. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2022, 51, 3-22.	0.7	8
2	Endodontic Treatment of a Traumatic Tusk Fracture With Exposed Pulp in an Asian Elephant (<i>Elephas maximus</i>). <i>Journal of Veterinary Dentistry</i> , 2021, 38, 139-151.	0.3	2
3	Numerical and length densities of microvessels in the human brain: Correlation with preferential orientation of microvessels in the cerebral cortex, subcortical grey matter and white matter, pons and cerebellum. <i>Journal of Chemical Neuroanatomy</i> , 2018, 88, 22-32.	2.1	37
4	Distribution of Connective Tissue in the Male and Female Porcine Liver: Histological Mapping and Recommendations for Sampling. <i>Journal of Comparative Pathology</i> , 2018, 162, 1-13.	0.4	13
5	Regional Collagen Fiber Network in the Articular Disc of the Human Temporomandibular Joint: Biochemical 3-Tesla Quantitative Magnetic Resonance Imaging Compared to Quantitative Histologic Analysis of Fiber Arrangement. <i>Journal of Oral and Facial Pain and Headache</i> , 2018, 32, 266-276.	1.4	3
6	Tropism, intracerebral distribution, and transduction efficiency of HIV- and SIV-based lentiviral vectors after injection into the mouse brain: a qualitative and quantitative in vivo study. <i>Histochemistry and Cell Biology</i> , 2017, 148, 313-329.	1.7	5
7	Stereological analysis of size and density of hepatocytes in the porcine liver. <i>Journal of Anatomy</i> , 2017, 230, 575-588.	1.5	29
8	Vasa vasorum in the tunica media and tunica adventitia of the porcine aorta. <i>Annals of Anatomy</i> , 2016, 205, 22-36.	1.9	21
9	Ubiquitous LEA29Y Expression Blocks T Cell Co-Stimulation but Permits Sexual Reproduction in Genetically Modified Pigs. <i>PLoS ONE</i> , 2016, 11, e0155676.	2.5	33
10	A Finite Element Model of an Equine Hoof. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 60-69.	0.9	10
11	Segmental differences in the orientation of smooth muscle cells in the tunica media of porcine aortae. <i>Biomechanics and Modeling in Mechanobiology</i> , 2015, 14, 315-332.	2.8	10
12	Segmental and age differences in the elastin network, collagen, and smooth muscle phenotype in the tunica media of the porcine aorta. <i>Annals of Anatomy</i> , 2015, 201, 79-90.	1.9	32
13	Distribution of orientation of smooth muscle bundles does not change along human great and small varicose veins. <i>Annals of Anatomy</i> , 2014, 196, 67-74.	1.9	3
14	Alimentation and Elimination: The Principles of Gastrointestinal Digestion. , 2014, , 139-159.		0
15	Asymptomatic Abdominal Aortic Aneurysms Show Histological Signs of Progression: A Quantitative Histochemical Analysis. <i>Pathobiology</i> , 2013, 80, 11-23.	3.8	19
16	Isospora suis in an Epithelial Cell Culture System – An In Vitro Model for Sexual Development in Coccidia. <i>PLoS ONE</i> , 2013, 8, e69797.	2.5	33
17	Vasa vasorum quantification in human varicose great and small saphenous veins. <i>Annals of Anatomy</i> , 2012, 194, 473-481.	1.9	16
18	Porcine CD27: Identification, expression and functional aspects in lymphocyte subsets in swine. <i>Developmental and Comparative Immunology</i> , 2012, 38, 321-331.	2.3	59

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19	Immunohistochemical detection and quantification of T cells in the small intestine of <i>Isospora suis</i> -infected piglets— influence of fixation technique and intestinal segment. <i>Microscopy Research and Technique</i> , 2012, 75, 408-415.	2.2	8
20	How to asses, visualize and compare the anisotropy of linear structures reconstructed from optical sections— A study based on histopathological quantification of human brain microvessels. <i>Journal of Theoretical Biology</i> , 2011, 286, 67-78.	1.7	16
21	Aorta transplantation in young apolipoprotein E-deficient mice: Possible model for studies on regression of atherosclerotic lesions?. <i>Open Medicine (Poland)</i> , 2010, 5, 280-291.	1.3	0
22	Tissue reaction to three different types of tissue glues in an experimental aorta dissection model: a quantitative approach. <i>Histochemistry and Cell Biology</i> , 2010, 133, 241-259.	1.7	39
23	Gingival stippling in dogs: Clinical and structural characteristics. <i>Research in Veterinary Science</i> , 2010, 88, 195-202.	1.9	7
24	Peritubular Contractile Cells in Testis and Epididymis of the Dog, <i>Canis lupus familiaris</i> . <i>Acta Veterinaria Brno</i> , 2009, 78, 3-11.	0.5	5
25	Quantification of microvessels in canine lymph nodes. <i>Microscopy Research and Technique</i> , 2008, 71, 760-772.	2.2	19
26	Articular cartilage in the knee joint of the African elephant, <i>Loxodonta africana</i> , Blumenbach 1797. <i>Journal of Morphology</i> , 2008, 269, 118-127.	1.2	8
27	Microvessel density in normal lymph nodes and lymphomas of dogs and their correlation with vascular endothelial growth factor expression. <i>Research in Veterinary Science</i> , 2008, 85, 56-61.	1.9	21
28	Renaut bodies in nerves of the trunk of the African elephant, <i>Loxodonta africana</i> . <i>Journal of Morphology</i> , 2007, 268, 414-422.	1.2	4
29	Proliferation and apoptosis in early molar morphogenesis - voles as models in odontogenesis. <i>International Journal of Developmental Biology</i> , 2006, 50, 481-9.	0.6	25
30	Origin and developmental fate of vestigial tooth primordia in the upper diastema of the field vole (<i>Microtus agrestis</i> , Rodentia). <i>Archives of Oral Biology</i> , 2005, 50, 401-409.	1.8	22
31	Relationship between vestibular lamina, dental lamina, and the developing oral vestibule in the upper jaw of the field vole (<i>Microtus agrestis</i> , Rodentia). <i>Journal of Morphology</i> , 2005, 265, 264-270.	1.2	8
32	Three-dimensional reconstruction studies and morphometric analysis of rudimental tooth primordia in the upper incisor region of the sheep (<i>Ovis aries</i> , Ruminantia). <i>Archives of Oral Biology</i> , 2003, 48, 15-24.	1.8	5
33	Microstructure Oriented Modelling of Hierarchically Perfused Porous Media for Cerebral Blood Flow Evaluation. <i>Key Engineering Materials</i> , 0, 465, 286-289.	0.4	5
34	Microcracks and Mechanical Behaviour of Corio-Epidermal Junction of Equine Hoof. <i>Key Engineering Materials</i> , 0, 465, 342-345.	0.4	2
35	Links between the Orientation of Vascular Smooth Muscle and Microscopical Composition of Aortic Segments. <i>Solid State Phenomena</i> , 0, 258, 329-332.	0.3	0