Kirsti Witter

List of Publications by Year
in descending order

35	527	567281 15	677142 22
papers	citations	h-index	g-index

35	35	35	1038
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Porcine CD27: Identification, expression and functional aspects in lymphocyte subsets in swine. Developmental and Comparative Immunology, 2012, 38, 321-331.	2.3	59
2	Tissue reaction to three different types of tissue glues in an experimental aorta dissection model: a quantitative approach. Histochemistry and Cell Biology, 2010, 133, 241-259.	1.7	39
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. Journal of Chemical Neuroanatomy, 2018, 88, 22-32.	2.1	37
4	Isospora suis in an Epithelial Cell Culture System â€“ An In Vitro Model for Sexual Development in Coccidia. PLoS ONE, 2013, 8, e69797.	2.5	33
5	Ubiquitous LEA29Y Expression Blocks T Cell Co-Stimulation but Permits Sexual Reproduction in Genetically Modified Pigs. PLoS ONE, 2016, 11, e0155676.	2.5	33
6	Segmental and age differences in the elastin network, collagen, and smooth muscle phenotype in the tunica media of the porcine aorta. Annals of Anatomy, 2015, 201, 79-90.	1.9	32
7	Stereological analysis of size and density of hepatocytes in the porcine liver. Journal of Anatomy, 2017, 230, 575-588.	1.5	29
8	Proliferation and apoptosis in early molar morphogenesis - voles as models in odontogenesis. International Journal of Developmental Biology, 2006, 50, 481-9.	0.6	25
9	Origin and developmental fate of vestigial tooth primordia in the upper diastema of the field vole (Microtus agrestis, Rodentia). Archives of Oral Biology, 2005, 50, 401-409.	1.8	22
10	Microvessel density in normal lymph nodes and lymphomas of dogs and their correlation with vascular endothelial growth factor expression. Research in Veterinary Science, 2008, 85, 56-61.	1.9	21
11	Vasa vasorum in the tunica media and tunica adventitia of the porcine aorta. Annals of Anatomy, 2016, 205, 22-36.	1.9	21
12	Quantification of microvessels in canine lymph nodes. Microscopy Research and Technique, 2008, 71, 760-772.	2.2	19
13	Asymptomatic Abdominal Aortic Aneurysms Show Histological Signs of Progression: A Quantitative Histochemical Analysis. Pathobiology, 2013, 80, 11-23.	3.8	19
14	How to asses, visualize and compare the anisotropy of linear structures reconstructed from optical sectionsâ€”A study based on histopathological quantification of human brain microvessels. Journal of Theoretical Biology, 2011, 286, 67-78.	1.7	16
15	Vasa vasorum quantification in human varicose great and small saphenous veins. Annals of Anatomy, 2012, 194, 473-481.	1.9	16
16	Distribution of Connective Tissue in the Male and Female Porcine Liver: Histological Mapping and Recommendations for Sampling. Journal of Comparative Pathology, 2018, 162, 1-13.	0.4	13
17	A Finite Element Model of an Equine Hoof. Journal of Equine Veterinary Science, 2015, 35, 60-69.	0.9	10
18	Segmental differences in the orientation of smooth muscle cells in the tunica media of porcine aortae. Biomechanics and Modeling in Mechanobiology, 2015, 14, 315-332.	2.8	10

#	Article	IF	Citations
19	Relationship between vestibular lamina, dental lamina, and the developing oral vestibule in the upper jaw of the field vole (Microtus agrestis, Rodentia). Journal of Morphology, 2005, 265, 264-270.	1.2	8
20	Articular cartilage in the knee joint of the African elephant, Loxodonta africana, Blumenbach 1797. Journal of Morphology, 2008, 269, 118-127.	1.2	8
21	Immunohistochemical detection and quantification of T cells in the small intestine of Isospora suisâ€infected pigletsâ€"influence of fixation technique and intestinal segment. Microscopy Research and Technique, 2012, 75, 408-415.	2.2	8
22	Using virtual microscopy for the development of sampling strategies in quantitative histology and designâ€based stereology. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2022, 51, 3-22.	0.7	8
23	Gingival stippling in dogs: Clinical and structural characteristics. Research in Veterinary Science, 2010, 88, 195-202.	1.9	7
24	Three-dimensional reconstruction studies and morphometric analysis of rudimental tooth primordia in the upper incisor region of the sheep (Ovis aries, Ruminantia). Archives of Oral Biology, 2003, 48, 15-24.	1.8	5
25	Microstructure Oriented Modelling of Hierarchically Perfused Porous Media for Cerebral Blood Flow Evaluation. Key Engineering Materials, 0, 465, 286-289.	0.4	5
26	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. Histochemistry and Cell Biology, 2017, 148, 313-329.	1.7	5
27	Peritubular Contractile Cells in Testis and Epididymis of the Dog, Canis lupus familiaris. Acta Veterinaria Brno, 2009, 78, 3-11.	0.5	5
28	Renaut bodies in nerves of the trunk of the African elephant,Loxodonta africana. Journal of Morphology, 2007, 268, 414-422.	1.2	4
29	Distribution of orientation of smooth muscle bundles does not change along human great and small varicose veins. Annals of Anatomy, 2014, 196, 67-74.	1.9	3
30	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. Journal of Oral and Facial Pain and Headache, 2018, 32, 266-276.	1.4	3
31	Microcracks and Mechanical Behaviour of Corio-Epidermal Junction of Equine Hoof. Key Engineering Materials, 0, 465, 342-345.	0.4	2
32	Endodontic Treatment of a Traumatic Tusk Fracture With Exposed Pulp in an Asian Elephant (Elephas maximus). Journal of Veterinary Dentistry, 2021, 38, 139-151.	0.3	2
33	Aorta transplantation in young apolipoprotein E-deficient mice: Possible model for studies on regression of atherosclerotic lesions?. Open Medicine (Poland), 2010, 5, 280-291.	1.3	0
34	Links between the Orientation of Vascular Smooth Muscle and Microscopical Composition of Aortic Segments. Solid State Phenomena, 0, 258, 329-332.	0.3	0
35	Alimentation and Elimination: The Principles of Gastrointestinal Digestion. , 2014, , 139-159.		0