

RÃ¼diger Wanke

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,498
citations

394390

19
h-index

434170

31
g-index

31
all docs

31
docs citations

31
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Unbiased analysis of obesity related, fat depot specific changes of adipocyte volumes and numbers using light sheet fluorescence microscopy. PLoS ONE, 2021, 16, e0248594.	2.5	1
2	A new method for physical disector analyses of numbers and mean volumes of immunohistochemically labeled cells in paraffin sections. Journal of Neuroscience Methods, 2021, 361, 109272.	2.5	4
3	A scalable, clinically severe pig model for Duchenne muscular dystrophy. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	20
4	Differential Effects of Insulin-Deficient Diabetes Mellitus on Visceral vs. Subcutaneous Adipose Tissueâ€”Multi-omics Insights From the Munich MIDY Pig Model. Frontiers in Medicine, 2021, 8, 751277.	2.6	8
5	Porcine models for studying complications and organ crosstalk in diabetes mellitus. Cell and Tissue Research, 2020, 380, 341-378.	2.9	54
6	A practical guide to unbiased quantitative morphological analyses of the gills of rainbow trout (<i>Oncorhynchus mykiss</i>) in ecotoxicological studies. PLoS ONE, 2020, 15, e0243462.	2.5	9
7	A decade of experience with genetically tailored pig models for diabetes and metabolic research. Animal Reproduction, 2020, 17, e20200064.	1.0	10
8	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. Molecular Metabolism, 2019, 26, 30-44.	6.5	26
9	Mild maternal hyperglycemia in <i>INS</i> C93S transgenic pigs causes impaired glucose tolerance and metabolic alterations in neonatal offspring. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	10
10	Sampling Strategies and Processing of Biobank Tissue Samples from Porcine Biomedical Models. Journal of Visualized Experiments, 2018, , .	0.3	11
11	Growth hormone receptor-deficient pigs resemble the pathophysiology of human Laron syndrome and reveal altered activation of signaling cascades in the liver. Molecular Metabolism, 2018, 11, 113-128.	6.5	79
12	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese Göttingen minipigs. Molecular Metabolism, 2018, 16, 180-190.	6.5	41
13	Practicable methods for histological section thickness measurement in quantitative stereological analyses. PLoS ONE, 2018, 13, e0192879.	2.5	22
14	Mitochondrial Dysregulation Secondary to Endoplasmic Reticulum Stress in Autosomal Dominant Tubulointerstitial Kidney Disease â€” UMOD (ADTKD-UMOD). Scientific Reports, 2017, 7, 42970.	3.3	39
15	The Munich MIDY Pig Biobank â€” A unique resource for studying organ crosstalk in diabetes. Molecular Metabolism, 2017, 6, 931-940.	6.5	39
16	Comparative aspects of rodent and nonrodent animal models for mechanistic and translational diabetes research. Theriogenology, 2016, 86, 406-421.	2.1	53
17	Dissociation of somatic growth, time of sexual maturity, and life expectancy by overexpression of an <i>RGD</i> â€”deficient <i>IGFBP</i> variant in female transgenic mice. Aging Cell, 2016, 15, 111-117.	6.7	9
18	Progressive muscle proteome changes in a clinically relevant pig model of Duchenne muscular dystrophy. Scientific Reports, 2016, 6, 33362.	3.3	60

#	ARTICLE	IF	CITATIONS
19	Incretin actions and consequences of incretin-based therapies: lessons from complementary animal models. <i>Journal of Pathology</i> , 2016, 238, 345-358.	4.5	22
20	Tissue Sampling Guides for Porcine Biomedical Models. <i>Toxicologic Pathology</i> , 2016, 44, 414-420.	1.8	61
21	Missense Mutation of POU Domain Class 3 Transcription Factor 3 in Pou3f3L423P Mice Causes Reduced Nephron Number and Impaired Development of the Thick Ascending Limb of the Loop of Henle. <i>PLoS ONE</i> , 2016, 11, e0158977.	2.5	16
22	Location-specific expression of chemokines, TNF-Î± and S100 proteins in a teat explant model. <i>Innate Immunity</i> , 2015, 21, 322-331.	2.4	17
23	Effects of the glucagon-like peptide-1 receptor agonist liraglutide in juvenile transgenic pigs modeling a pre-diabetic condition. <i>Journal of Translational Medicine</i> , 2015, 13, 73.	4.4	24
24	Short-term inhibition of DPP-4 enhances endothelial regeneration after acute arterial injury via enhanced recruitment of circulating progenitor cells. <i>International Journal of Cardiology</i> , 2014, 177, 266-275.	1.7	32
25	Xenografted Islet Cell Clusters From <i>INS</i> LEA29Y Transgenic Pigs Rescue Diabetes and Prevent Immune Rejection in Humanized Mice. <i>Diabetes</i> , 2012, 61, 1527-1532.	0.6	125
26	Glucose Intolerance and Reduced Proliferation of Pancreatic Î²-Cells in Transgenic Pigs With Impaired Glucose-Dependent Insulinotropic Polypeptide Function. <i>Diabetes</i> , 2010, 59, 1228-1238.	0.6	160
27	Strategies to overcome cellular rejection of pig-to-primate xenografts - the next steps. <i>Xenotransplantation</i> , 2007, 14, 371-372.	2.8	3
28	Nuclear transfer in cattle with non-transfected and transfected fetal or cloned transgenic fetal and postnatal fibroblasts. <i>Molecular Reproduction and Development</i> , 2001, 60, 362-369.	2.0	91
29	The clinical-chemical screen in the Munich ENU Mouse Mutagenesis Project: screening for clinically relevant phenotypes. <i>Mammalian Genome</i> , 2000, 11, 543-546.	2.2	53
30	Adult cloning in cattle: Potential of nuclei from a permanent cell line and from primary cultures. <i>Molecular Reproduction and Development</i> , 1999, 54, 264-272.	2.0	152
31	The use of histopathological indicators to evaluate contaminant-related stress in fish. <i>Hydrobiologia</i> , 1997, 6, 75-86.	0.9	247