

# 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	The use of histopathological indicators to evaluate contaminant-related stress in fish. <i>Hydrobiologia</i> , 1997, 6, 75-86.	0.9	247
2	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
3	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
4	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
5	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
6	Growth hormone receptor-deficient pigs resemble the pathophysiology of human Laron syndrome and reveal altered activation of signaling cascades in the liver. <i>Molecular Metabolism</i> , 2018, 11, 113-128.	6.5	79
7	Tissue Sampling Guides for Porcine Biomedical Models. <i>Toxicologic Pathology</i> , 2016, 44, 414-420.	1.8	61
8	Progressive muscle proteome changes in a clinically relevant pig model of Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2016, 6, 33362.	3.3	60
9	Porcine models for studying complications and organ crosstalk in diabetes mellitus. <i>Cell and Tissue Research</i> , 2020, 380, 341-378.	2.9	54
10	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
11	Comparative aspects of rodent and nonrodent animal models for mechanistic and translational diabetes research. <i>Theriogenology</i> , 2016, 86, 406-421.	2.1	53
12	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese Göttingen minipigs. <i>Molecular Metabolism</i> , 2018, 16, 180-190.	6.5	41
13	Mitochondrial Dysregulation Secondary to Endoplasmic Reticulum Stress in Autosomal Dominant Tubulointerstitial Kidney Disease – UMOD (ADTKD-UMOD). <i>Scientific Reports</i> , 2017, 7, 42970.	3.3	39
14	The Munich MIDY Pig Biobank – A unique resource for studying organ crosstalk in diabetes. <i>Molecular Metabolism</i> , 2017, 6, 931-940.	6.5	39
15	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
16	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. <i>Molecular Metabolism</i> , 2019, 26, 30-44.	6.5	26
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Practicable methods for histological section thickness measurement in quantitative stereological analyses. PLoS ONE, 2018, 13, e0192879.	2.5	22
20	A scalable, clinically severe pig model for Duchenne muscular dystrophy. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	20
21	Location-specific expression of chemokines, TNF-Î± and S100 proteins in a teat explant model. Innate Immunity, 2015, 21, 322-331.	2.4	17
22	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. PLoS ONE, 2016, 11, e0158977.	2.5	16
23	Sampling Strategies and Processing of Biobank Tissue Samples from Porcine Biomedical Models. Journal of Visualized Experiments, 2018, , .	0.3	11
24	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
25	A decade of experience with genetically tailored pig models for diabetes and metabolic research. Animal Reproduction, 2020, 17, e20200064.	1.0	10
26	Dissociation of somatic growth, time of sexual maturity, and life expectancy by overexpression of an <i>RGD</i> -deficient <i>IGFBP2</i> variant in female transgenic mice. Aging Cell, 2016, 15, 111-117.	6.7	9
27	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
28	Differential Effects of Insulin-Deficient Diabetes Mellitus on Visceral vs. Subcutaneous Adipose Tissue - Multi-omics Insights From the Munich MIDY Pig Model. Frontiers in Medicine, 2021, 8, 751277.	2.6	8
29	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
30	Strategies to overcome cellular rejection of pig-to-primate xenografts - the next steps. Xenotransplantation, 2007, 14, 371-372.	2.8	3
31	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