

Rdiger Wanke

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,101
citations

18
h-index

31
g-index

31
ext. papers

1,284
ext. citations

4.3
avg, IF

3.59
L-index

#	Paper	IF	Citations
30	Differential Effects of Insulin-Deficient Diabetes Mellitus on Visceral vs. Subcutaneous Adipose Tissue-Multi-omics Insights From the Munich MIDY Pig Model. <i>Frontiers in Medicine</i> , 2021 , 8, 751277	4.9	1
29	Unbiased analysis of obesity related, fat depot specific changes of adipocyte volumes and numbers using light sheet fluorescence microscopy. <i>PLoS ONE</i> , 2021 , 16, e0248594	3.7	1
28	A new method for physical disector analyses of numbers and mean volumes of immunohistochemically labeled cells in paraffin sections. <i>Journal of Neuroscience Methods</i> , 2021 , 361, 109272	3	
27	Porcine models for studying complications and organ crosstalk in diabetes mellitus. <i>Cell and Tissue Research</i> , 2020 , 380, 341-378	4.2	28
26	A practical guide to unbiased quantitative morphological analyses of the gills of rainbow trout (<i>Oncorhynchus mykiss</i>) in ecotoxicological studies. <i>PLoS ONE</i> , 2020 , 15, e0243462	3.7	3
25	A decade of experience with genetically tailored pig models for diabetes and metabolic research. <i>Animal Reproduction</i> , 2020 , 17, e20200064	1.7	3
24	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. <i>Molecular Metabolism</i> , 2019 , 26, 30-44	8.8	18
23	Mild maternal hyperglycemia in transgenic pigs causes impaired glucose tolerance and metabolic alterations in neonatal offspring. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	6
22	Sampling Strategies and Processing of Biobank Tissue Samples from Porcine Biomedical Models. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	9
21	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	8.8	41
20	Practicable methods for histological section thickness measurement in quantitative stereological analyses. <i>PLoS ONE</i> , 2018 , 13, e0192879	3.7	15
19	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese Göttingen minipigs. <i>Molecular Metabolism</i> , 2018 , 16, 180-190	8.8	26
18	Mitochondrial Dysregulation Secondary to Endoplasmic Reticulum Stress in Autosomal Dominant Tubulointerstitial Kidney Disease - UMOD (ADTKD-UMOD). <i>Scientific Reports</i> , 2017 , 7, 42970	4.9	28
17	The Munich MIDY Pig Biobank - A unique resource for studying organ crosstalk in diabetes. <i>Molecular Metabolism</i> , 2017 , 6, 931-940	8.8	28
16	Progressive muscle proteome changes in a clinically relevant pig model of Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2016 , 6, 33362	4.9	33
15	Incretin actions and consequences of incretin-based therapies: lessons from complementary animal models. <i>Journal of Pathology</i> , 2016 , 238, 345-58	9.4	19
14	Tissue Sampling Guides for Porcine Biomedical Models. <i>Toxicologic Pathology</i> , 2016 , 44, 414-20	2.1	39

13	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	3.7	10
12	Comparative aspects of rodent and nonrodent animal models for mechanistic and translational diabetes research. <i>Theriogenology</i> , 2016 , 86, 406-21	2.8	37
11	Dissociation of somatic growth, time of sexual maturity, and life expectancy by overexpression of an RGD-deficient IGFBP-2 variant in female transgenic mice. <i>Aging Cell</i> , 2016 , 15, 111-7	9.9	6
10	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	8.5	22
9	Location-specific expression of chemokines, TNF- α and S100 proteins in a teat explant model. <i>Innate Immunity</i> , 2015 , 21, 322-31	2.7	13
8	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, 266-75	3.2	29
7	Xenografted islet cell clusters from INSLEA29Y transgenic pigs rescue diabetes and prevent immune rejection in humanized mice. <i>Diabetes</i> , 2012 , 61, 1527-32	0.9	100
6	Glucose intolerance and reduced proliferation of pancreatic beta-cells in transgenic pigs with impaired glucose-dependent insulinotropic polypeptide function. <i>Diabetes</i> , 2010 , 59, 1228-38	0.9	141
5	Strategies to overcome cellular rejection of pig-to-primate xenografts [the next steps]. <i>Xenotransplantation</i> , 2007 , 14, 371-372	2.8	3
4	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, 362-9	2.6	81
3	The clinical-chemical screen in the Munich ENU Mouse Mutagenesis Project: screening for clinically relevant phenotypes. <i>Mammalian Genome</i> , 2000 , 11, 543-6	3.2	48
2	Adult cloning in cattle: potential of nuclei from a permanent cell line and from primary cultures. <i>Molecular Reproduction and Development</i> , 1999 , 54, 264-72	2.6	132
1	The use of histopathological indicators to evaluate contaminant-related stress in fish. <i>Hydrobiologia</i> , 1997 , 6, 75-86		179