

Ralf Einspanier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7146261/publications.pdf>

Version: 2024-02-01

96
papers

4,025
citations

147801

31
h-index

123424

61
g-index

98
all docs

98
docs citations

98
times ranked

6126
citing authors

#	ARTICLE	IF	CITATIONS
1	A Detoxification Enzyme for <i>Apis mellifera</i> Newly Characterized by Recombinant Expression: 10-Formyl Tetrahydrofolate Dehydrogenase. <i>Frontiers in Insect Science</i> , 2022, 2, .	2.1	2
2	The glycosyltransferase ST3GAL2 is regulated by miR-615-3p in the intestinal tract of <i>Campylobacter jejuni</i> infected mice. <i>Gut Pathogens</i> , 2021, 13, 42.	3.4	5
3	Influence of formic acid treatment on the proteome of the ectoparasite <i>Varroa destructor</i> . <i>PLoS ONE</i> , 2021, 16, e0258845.	2.5	3
4	Effects of selected insecticidal substances on mRNA transcriptome in larvae of <i>Apis mellifera</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 170, 104703.	3.6	12
5	Comparative transcriptomics indicates endogenous differences in detoxification capacity after formic acid treatment between honey bees and varroa mites. <i>Scientific Reports</i> , 2020, 10, 21943.	3.3	9
6	Co-incubation of dsRNA reduces proportion of viable spores of <i>Ascosphaera apis</i> , a honey bee fungal pathogen. <i>Journal of Apicultural Research</i> , 2020, 59, 791-799.	1.5	1
7	Deregulation of miR-27a may contribute to canine fibroblast activation after coculture with a mast cell tumour cell line. <i>FEBS Open Bio</i> , 2020, 10, 802-816.	2.3	4
8	<i>Campylobacter jejuni</i> genes Cj1492c and Cj1507c are involved in host cell adhesion and invasion. <i>Gut Pathogens</i> , 2020, 12, 8.	3.4	9
9	Metalloproteinases and their Inhibitors under the Course of Immunostimulation by CPG-ODN and Specific Antigen Inhalation in Equine Asthma. <i>Mediators of Inflammation</i> , 2019, 2019, 1-7.	3.0	5
10	Influence of Incubation Time and Incubation Tube on the Cytokine and Growth Factor Concentrations of Autologous Conditioned Serum in Horses. <i>Journal of Equine Veterinary Science</i> , 2019, 75, 30-34.	0.9	11
11	<i>Mycobacterium smegmatis</i> But Not <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> Causes Increased Expression of the Long Non-Coding RNA MEG3 in THP-1-Derived Human Macrophages and Associated Decrease of TGF- β 2. <i>Microorganisms</i> , 2019, 7, 63.	3.6	13
12	Analysis of long non-coding RNA and mRNA expression in bovine macrophages brings up novel aspects of <i>Mycobacterium avium</i> subspecies paratuberculosis infections. <i>Scientific Reports</i> , 2019, 9, 1571.	3.3	24
13	Expression profiling of key pathways in rat liver after a one-year feeding trial with transgenic maize MON810. <i>Scientific Reports</i> , 2019, 9, 18915.	3.3	2
14	MicroRNA-15 family targets the hedgehog signaling pathway during postnatal development of porcine intestine. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 832-837.	2.1	2
15	Case studies on genetically modified organisms (GMOs): Potential risk scenarios and associated health indicators. <i>Food and Chemical Toxicology</i> , 2018, 117, 36-65.	3.6	37
16	Evaluation of Two Protocols Using Autologous Conditioned Serum for Intra-articular Therapy of Equine Osteoarthritis – A Pilot Study Monitoring Cytokines and Cartilage-Specific Biomarkers. <i>Journal of Equine Veterinary Science</i> , 2018, 60, 35-42.e2.	0.9	24
17	Surveying selected European feed and livestock production chains for features enabling the case-specific post-market monitoring of livestock for intake and potential health impacts of animal feeds derived from genetically modified crops. <i>Food and Chemical Toxicology</i> , 2018, 117, 66-78.	3.6	16
18	Exposure of livestock to GM feeds: Detectability and measurement. <i>Food and Chemical Toxicology</i> , 2018, 117, 13-35.	3.6	13

#	ARTICLE	IF	CITATIONS
19	Exploration of serum- and cell culture-derived exosomes from dogs. BMC Veterinary Research, 2018, 14, 179.	1.9	25
20	TFF3-dependent resistance of human colorectal adenocarcinoma cells HT-29/B6 to apoptosis is mediated by miR-491-5p regulation of lncRNA PRINS. Cell Death Discovery, 2017, 3, 16106.	4.7	19
21	In silico cytotoxicity assessment on cultured rat intestinal cells deduced from cellular impedance measurements. Toxicology in Vitro, 2017, 41, 179-188.	2.4	2
22	Trefoil factor 3 mediates resistance to apoptosis in colon carcinoma cells by a regulatory RNA axis. Cell Death and Disease, 2017, 8, e2660-e2660.	6.3	5
23	A Long Journey Ahead: Long Non-coding RNAs in Bacterial Infections. Frontiers in Cellular and Infection Microbiology, 2017, 7, 95.	3.9	71
24	Bovine Endometrial Epithelial Cells Scale Their Pro-inflammatory Response In vitro to Pathogenic Trueperella pyogenes Isolated from the Bovine Uterus in a Strain-Specific Manner. Frontiers in Cellular and Infection Microbiology, 2017, 7, 264.	3.9	18
25	Transcriptomic Analysis of Intestinal Tissues from Two 90-Day Feeding Studies in Rats Using Genetically Modified MON810 Maize Varieties. Frontiers in Genetics, 2017, 8, 222.	2.3	6
26	Are pulmonary hemostasis and fibrinolysis out of balance in equine chronic pneumopathies?. Journal of Veterinary Science, 2017, 18, 349.	1.3	3
27	Mycobacterium bovis BCG Interferes with miR-3619-5p Control of Cathepsin S in the Process of Autophagy. Frontiers in Cellular and Infection Microbiology, 2016, 6, 27.	3.9	26
28	Characterization of key genes of the renin-angiotensin system in mature feline adipocytes and during <i>in vitro</i> adipogenesis. Journal of Animal Physiology and Animal Nutrition, 2016, 100, 1139-1148.	2.2	15
29	Microrna Response of Primary Human Macrophages to Arcobacter Butzleri Infection. European Journal of Microbiology and Immunology, 2016, 6, 99-108.	2.8	11
30	Interleukin-1 Receptor Antagonist and Interleukin-1 Beta Levels in Equine Synovial Fluid of Normal and Osteoarthritic Joints: Influence of Anatomic Joint Location and Repeated Arthrocentesis. Journal of Equine Veterinary Science, 2016, 42, 67-72.	0.9	6
31	Validation of an enzyme-linked immunosorbent assay for measurement of feline haptoglobin. Journal of Veterinary Diagnostic Investigation, 2016, 28, 235-243.	1.1	5
32	Down regulated lncRNA MEG3 eliminates mycobacteria in macrophages via autophagy. Scientific Reports, 2016, 6, 19416.	3.3	105
33	One-year oral toxicity study on a genetically modified maize MON810 variety in Wistar Han RCC rats (EU 7th Framework Programme project GRACE). Archives of Toxicology, 2016, 90, 2531-2562.	4.2	33
34	mRNA expression pattern of selected candidate genes differs in bovine oviductal epithelial cells in vitro compared with the in vivo state and during cell culture passages. Reproductive Biology and Endocrinology, 2016, 14, 44.	3.3	28
35	Metalloproteinases and their inhibitors are influenced by inhalative glucocorticoid therapy in combination with environmental dust reduction in equine recurrent airway obstruction. BMC Veterinary Research, 2016, 12, 282.	1.9	16
36	Experimental and bioinformatic analysis of cultured Bovine Endometrial Cells (BEND) responding to interferon tau (IFNT). Reproductive Biology and Endocrinology, 2016, 14, 22.	3.3	7

#	ARTICLE	IF	CITATIONS
37	Proposed criteria for the evaluation of the scientific quality of mandatory rat and mouse feeding trials with whole food/feed derived from genetically modified plants. Archives of Toxicology, 2016, 90, 2287-2291.	4.2	3
38	Increased mRNA expression of selected pro-inflammatory factors in inflamed bovine endometrium in vivo as well as in endometrial epithelial cells exposed to Bacillus pumilus in vitro. Reproduction, Fertility and Development, 2016, 28, 982.	0.4	28
39	Feeding of Enterococcus faecium NCIMB 10415 Leads to Intestinal miRNA-423-5p-Induced Regulation of Immune-Relevant Genes. Applied and Environmental Microbiology, 2016, 82, 2263-2269.	3.1	27
40	Small molecule and RNAi induced phenotype transition of expanded and primary colonic epithelial cells. Scientific Reports, 2015, 5, 12681.	3.3	9
41	Dose Effects of Apical versus Basolateral Zinc Supplementation on Epithelial Resistance, Viability, and Metallothionein Expression in Two Intestinal Epithelial Cell Lines. Journal of Biochemical and Molecular Toxicology, 2015, 29, 410-417.	3.0	5
42	Identification of miRNAs in Bovine Endometrium through RNA-seq and Prediction of Regulated Pathways. Reproduction in Domestic Animals, 2015, 50, 800-806.	1.4	11
43	Detection and Characterisation of Lactobacillus spp. in the Bovine Uterus and Their Influence on Bovine Endometrial Epithelial Cells In Vitro. PLoS ONE, 2015, 10, e0119793.	2.5	36
44	Metalloproteinases and Their Tissue Inhibitors in Comparison between Different Chronic Pneumopathies in the Horse. Mediators of Inflammation, 2015, 2015, 1-9.	3.0	18
45	Enterococcus faecium NCIMB 10415 Modulates Epithelial Integrity, Heat Shock Protein, and Proinflammatory Cytokine Response in Intestinal Cells. Mediators of Inflammation, 2015, 2015, 1-11.	3.0	32
46	Regulation of intracellular Zn homeostasis in two intestinal epithelial cell models at various maturation time points. Journal of Physiological Sciences, 2015, 65, 317-328.	2.1	16
47	Synovial Fluid and Serum Concentrations of Interleukin-1 Receptor Antagonist and Interleukin-1 β in Naturally Occurring Equine Osteoarthritis and Septic Arthritis. Journal of Equine Veterinary Science, 2015, 35, 815-822.	0.9	11
48	Evaluation of three different point-of-care tests for quantitative measurement of canine C-reactive protein. Veterinary Clinical Pathology, 2015, 44, 205-214.	0.7	20
49	Transepithelial electrical resistance (TEER): a functional parameter to monitor the quality of oviduct epithelial cells cultured on filter supports. Histochemistry and Cell Biology, 2015, 144, 509-515.	1.7	116
50	Ninety-day oral toxicity studies on two genetically modified maize MON810 varieties in Wistar Han RCC rats (EU 7th Framework Programme project GRACE). Archives of Toxicology, 2014, 88, 2289-2314.	4.2	55
51	Arcobacter butzleri induces a pro-inflammatory response in THP-1 derived macrophages and has limited ability for intracellular survival. International Journal of Medical Microbiology, 2014, 304, 1209-1217.	3.6	13
52	Polyglycerol-based amphiphilic dendrons as potential siRNA carriers for in vivo applications. Journal of Materials Chemistry B, 2014, 2, 2153-2167.	5.8	32
53	Seasonal variations in developmental competence and relative abundance of gene transcripts in buffalo (Bubalus bubalis) oocytes. Theriogenology, 2014, 82, 1055-1067.	2.1	24
54	Long-term culture of primary porcine oviduct epithelial cells: Validation of a comprehensive in vitro model for reproductive science. Theriogenology, 2013, 80, 862-869.	2.1	32

#	ARTICLE	IF	CITATIONS
55	Luteal insufficiency in bitches as a consequence of an autoimmune response against progesterone?. <i>Theriogenology</i> , 2013, 79, 1278-1283.	2.1	9
56	Pituitary and testis responsiveness of young male sheep exposed to testosterone excess during fetal development. <i>Reproduction</i> , 2013, 145, 567-576.	2.6	18
57	In Vitro Mimicking of Estrous Cycle Stages in Porcine Oviduct Epithelium Cells: Estradiol and Progesterone Regulate Differentiation, Gene Expression, and Cellular Function1. <i>Biology of Reproduction</i> , 2013, 89, 54.	2.7	60
58	Cry1Ab Treatment Has No Effects on Viability of Cultured Porcine Intestinal Cells, but Triggers Hsp70 Expression. <i>PLoS ONE</i> , 2013, 8, e67079.	2.5	10
59	Intestinal <i>Salmonella typhimurium</i> Infection Leads to miR-29a Induced Caveolin 2 Regulation. <i>PLoS ONE</i> , 2013, 8, e67300.	2.5	46
60	Feeding Low or Pharmacological Concentrations of Zinc Oxide Changes the Hepatic Proteome Profiles in Weaned Piglets. <i>PLoS ONE</i> , 2013, 8, e81202.	2.5	18
61	Structural Analysis of microRNA-Target Interaction by Sequential Seed Mutagenesis and Stem-Loop 3' RACE. <i>PLoS ONE</i> , 2013, 8, e81427.	2.5	5
62	Short-term weightlessness produced by parabolic flight maneuvers altered gene expression patterns in human endothelial cells. <i>FASEB Journal</i> , 2012, 26, 639-655.	0.5	77
63	Quantification and accurate normalisation of small RNAs through new custom RT-qPCR arrays demonstrates <i>Salmonella</i> -induced microRNAs in human monocytes. <i>BMC Genomics</i> , 2012, 13, 23.	2.8	50
64	Establishment and characterization of a differentiated epithelial cell culture model derived from the porcine cervix uteri. <i>BMC Veterinary Research</i> , 2012, 8, 31.	1.9	16
65	Transcriptome and proteome analysis of tyrosine kinase inhibitor treated canine mast cell tumour cells identifies potentially kit signaling-dependent genes. <i>BMC Veterinary Research</i> , 2012, 8, 96.	1.9	12
66	Glycine-Terminated Dendritic Amphiphiles for Nonviral Gene Delivery. <i>Biomacromolecules</i> , 2012, 13, 3087-3098.	5.4	60
67	mRNA Expression of Selected Candidate Genes in the Bovine Oviduct Is Influenced by the Energy Status as a Long-Term Effect.. <i>Biology of Reproduction</i> , 2012, 87, 45-45.	2.7	0
68	Is There a Malignant Progression Associated with a Linear Change in Protein Expression Levels from Normal Canine Mammary Gland to Metastatic Mammary Tumors?. <i>Journal of Proteome Research</i> , 2011, 10, 4405-4415.	3.7	27
69	Modelling the porcine oviduct epithelium: A polarized in vitro system suitable for long-term cultivation. <i>Theriogenology</i> , 2011, 76, 900-910.	2.1	44
70	Evaluation of a point-of-care test for canine C-reactive protein. <i>Veterinary Clinical Pathology</i> , 2011, 40, 384-388.	0.7	13
71	Relationships Between Uterine Blood Flow, Peripheral Sex Steroids, Expression of Endometrial Estrogen Receptors and Nitric Oxide Synthases During the Estrous Cycle in Mares. <i>Journal of Reproduction and Development</i> , 2011, 57, 43-48.	1.4	22
72	Integrated MicroRNA-mRNA-Analysis of Human Monocyte Derived Macrophages upon <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> Infection. <i>PLoS ONE</i> , 2011, 6, e20258.	2.5	159

#	ARTICLE	IF	CITATIONS
73	Identification of differentially expressed proteins in ruminal epithelium in response to a concentrate-supplemented diet. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G260-G268.	3.4	29
74	Differential Gene Regulation under Altered Gravity Conditions in Follicular Thyroid Cancer Cells: Relationship between the Extracellular Matrix and the Cytoskeleton. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 185-198.	1.6	88
75	Deciphering the porcine intestinal microRNA transcriptome. <i>BMC Genomics</i> , 2010, 11, 275.	2.8	71
76	Prenatal testosterone excess alters Sertoli and germ cell number and testicular FSH receptor expression in rams. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E998-E1005.	3.5	41
77	Changes in the expression of pluripotency-associated genes during preimplantation and peri-implantation stages in bovine cloned and <i>in vitro</i> produced embryos. <i>Zygote</i> , 2010, 18, 269-279.	1.1	29
78	Time-dependent mRNA expression of selected pro-inflammatory factors in the endometrium of primiparous cows postpartum. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 152.	3.3	81
79	MicroRNA expression profiling of elongated cloned and <i>in vitro</i> fertilized bovine embryos. <i>Theriogenology</i> , 2010, 73, 71-85.	2.1	37
80	Differential gene expression in bovine elongated (Day 17) embryos produced by somatic cell nucleus transfer and <i>in vitro</i> fertilization. <i>Theriogenology</i> , 2010, 74, 45-59.	2.1	36
81	Proteome of Metastatic Canine Mammary Carcinomas: Similarities to and Differences from Human Breast Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 6380-6391.	3.7	76
82	Selected pro-inflammatory factor transcripts in bovine endometrial epithelial cells are regulated during the oestrous cycle and elevated in case of subclinical or clinical endometritis. <i>Reproduction, Fertility and Development</i> , 2010, 22, 818.	0.4	141
83	Intestinal Expression of TFF and Related Genes During Postnatal Development in a Piglet Probiotic Trial. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 143-156.	1.6	41
84	Elongation and gene expression in bovine cloned embryos transferred to temporary recipients. <i>Zygote</i> , 2009, 17, 353-365.	1.1	5
85	Relaxin Supports Implantation and Early Pregnancy in the Marmoset Monkey. <i>Annals of the New York Academy of Sciences</i> , 2009, 1160, 140-146.	3.8	32
86	Fate of genetically modified maize and conventional rapeseed, and endozoochory in wild boar (<i>Sus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	11
87	miR-Q: a novel quantitative RT-PCR approach for the expression profiling of small RNA molecules such as miRNAs in a complex sample. <i>BMC Molecular Biology</i> , 2008, 9, 34.	3.0	112
88	Discovering microRNAs from deep sequencing data using miRDeep. <i>Nature Biotechnology</i> , 2008, 26, 407-415.	17.5	1,102
89	Impact of <i>Bacillus thuringiensis</i> toxin Cry1Ab on rumen epithelial cells (REC) – A new <i>in vitro</i> model for safety assessment of recombinant food compounds. <i>Food and Chemical Toxicology</i> , 2008, 46, 1976-1984.	3.6	23
90	Concatameric cloning of porcine microRNA molecules after assembly PCR. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 484-489.	2.1	20

#	ARTICLE	IF	CITATIONS
91	Effects of the Bacillus thuringiensis Toxin Cry1Ab on Membrane Currents of Isolated Cells of the Ruminal Epithelium. Journal of Membrane Biology, 2007, 219, 37-47.	2.1	9
92	The Common Marmoset Monkey as a Model for Implantation and Early Pregnancy Research. , 2006, 121, 109-122.		5
93	Monozygotic Twin Model Reveals Novel Embryo-Induced Transcriptome Changes of Bovine Endometrium in the Preattachment Period1. Biology of Reproduction, 2006, 74, 253-264.	2.7	146
94	Differential expression of cyclooxygenase 1 and cyclooxygenase 2 in the bovine oviduct. Journal of Endocrinology, 2006, 191, 263-274.	2.6	37
95	Regulation of Endometrial Fibroblast Growth Factor 7 (FGF-7) and Its Receptor FGFR2IIIb in Gilts after Sex Steroid Replacements, and during the Estrous Cycle and Early Gestation. Journal of Reproduction and Development, 2005, 51, 509-519.	1.4	11
96	Tracing residual recombinant feed molecules during digestion and rumen bacterial diversity in cattle fed transgene maize. European Food Research and Technology, 2004, 218, 269-273.	3.3	114