

Michael W Pfaffl

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.

214
papers

55,190
citations

45
h-index

234
g-index

234
ext. papers

64,108
ext. citations

5.1
avg, IF

8.3
L-index

#	Paper	IF	Citations
214	The Chaperone Protein GRP78 Promotes Survival and Migration of Head and Neck Cancer After Direct Radiation Exposure and Extracellular Vesicle-Transfer.. <i>Frontiers in Oncology</i> , 2022 , 12, 842418	5.3	1
213	Milk Properties and Morphological Characteristics of the Donkey Mammary Gland for Development of an Adopted Milking Machine Review. <i>Dairy</i> , 2022 , 3, 233-247	2.6	0
212	Isolation and Characterization of Urinary Extracellular Vesicles for MicroRNA Biomarker Signature Development with Reference to MISEV Compliance.. <i>Methods in Molecular Biology</i> , 2022 , 2504, 113-133	1.4	
211	Using High-Resolution Differential Cell Counts (HRDCCs) in Bovine Milk and Blood to Monitor the Immune Status over the Entire Lactation Period. <i>Animals</i> , 2022 , 12, 1339	3.1	
210	Development of an advanced flow cytometry based high-resolution immunophenotyping method to benchmark early immune response in dairy cows. <i>Scientific Reports</i> , 2021 , 11, 22896	4.9	3
209	Detection of Atherosclerosis by Small RNA-Sequencing Analysis of Extracellular Vesicle Enriched Serum Samples. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 729061	5.7	1
208	Impact of elevated air temperature and drought on pollen characteristics of major agricultural grass species. <i>PLoS ONE</i> , 2021 , 16, e0248759	3.7	1
207	Impact of DNA repair and reactive oxygen species levels on radioresistance in pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2021 , 159, 265-276	5.3	3
206	miREV: An Online Database and Tool to Uncover Potential Reference RNAs and Biomarkers in Small-RNA Sequencing Data Sets from Extracellular Vesicles Enriched Samples. <i>Journal of Molecular Biology</i> , 2021 , 433, 167070	6.5	2
205	RNA-seq-based profiling of extracellular vesicles in plasma reveals a potential role of miR-122-5p in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 366-371	9.3	10
204	On the trail of blood doping-microRNA fingerprints to monitor autologous blood transfusions in vivo. <i>American Journal of Hematology</i> , 2021 , 96, 338-353	7.1	3
203	Digital PCR can augment the interpretation of RT-qPCR Cq values for SARS-CoV-2 diagnostics. <i>Methods</i> , 2021 ,	4.6	4
202	Next Generation Tumor-Diagnostik. <i>Trillium-Diagnostik</i> , 2021 , 19, 230-232		
201	Molecular RNA Correlates of the SOFA Score in Patients with Sepsis. <i>Diagnostics</i> , 2021 , 11,	3.8	1
200	Progranulin signaling in sepsis, community-acquired bacterial pneumonia and COVID-19: a comparative, observational study. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 43	3.7	2
199	Tailoring the resolution of single-cell RNA sequencing for primary cytotoxic T cells. <i>Nature Communications</i> , 2021 , 12, 569	17.4	4
198	Extracellular Vesicle Associated miRNAs Regulate Signaling Pathways Involved in COVID-19 Pneumonia and the Progression to Severe Acute Respiratory Corona Virus-2 Syndrome.. <i>Frontiers in Immunology</i> , 2021 , 12, 784028	8.4	3

197	The Emerging Role of miRNAs for the Radiation Treatment of Pancreatic Cancer. <i>Cancers</i> , 2020 , 12,	6.6	4
196	Water and sediment microbiota diversity in response to temporal variation at the outlet of the Ibrahim River (Lebanon). <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 201	3.1	1
195	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves. <i>PLoS ONE</i> , 2020 , 15, e0229606	3.7	6
194	Extracellular vesicle-derived microRNA biomarkers: goals and pitfalls. <i>Trillium Extracellular Vesicles</i> , 2020 , 2, 42-47	0.2	0
193	MIQE-Compliant Validation of MicroRNA Biomarker Signatures Established by Small RNA Sequencing. <i>Methods in Molecular Biology</i> , 2020 , 2065, 23-38	1.4	2
192	Propofol and Sevoflurane Differentially Impact MicroRNAs in Circulating Extracellular Vesicles during Colorectal Cancer Resection: A Pilot Study. <i>Anesthesiology</i> , 2020 , 132, 107-120	4.3	14
191	The Beneficial Effect of Farm Milk Consumption on Asthma, Allergies, and Infections: From Meta-Analysis of Evidence to Clinical Trial. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 878-889.e3	5.4	30
190	Diagnostic potential of circulating cell-free microRNAs for community-acquired pneumonia and pneumonia-related sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 12054-12064	5.6	7
189	SARS-CoV-2 infections in cancer outpatients-Most infected patients are asymptomatic carriers without impact on chemotherapy. <i>Cancer Medicine</i> , 2020 , 9, 8020-8028	4.8	10
188	The Digital MIQE Guidelines Update: Minimum Information for Publication of Quantitative Digital PCR Experiments for 2020. <i>Clinical Chemistry</i> , 2020 , 66, 1012-1029	5.5	85
187	Hypoxia-inducible factor-1alpha and nitric oxide synthases in bovine follicles close to ovulation and early luteal angiogenesis. <i>Reproduction in Domestic Animals</i> , 2020 , 55, 1573-1584	1.6	0
186	Cautionary Note on Contamination of Reagents Used for Molecular Detection of SARS-CoV-2. <i>Clinical Chemistry</i> , 2020 , 66, 1369-1372	5.5	20
185	Human airway epithelial extracellular vesicle miRNA signature is altered upon asthma development. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 346-356	9.3	41
184	Radiation Exposure of Peripheral Mononuclear Blood Cells Alters the Composition and Function of Secreted Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
183	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves 2020 , 15, e0229606		
182	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves 2020 , 15, e0229606		
181	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves 2020 , 15, e0229606		
180	Postprandial transfer of colostral extracellular vesicles and their protein and miRNA cargo in neonatal calves 2020 , 15, e0229606		

179	Transcriptomic profiling of cell-free and vesicular microRNAs from matched arterial and venous sera. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1670935	16.4	10
178	Letter to The Editor: MicroRNA Profile and Adaptive Response to Exercise Training: A Review. <i>International Journal of Sports Medicine</i> , 2019 , 40, 678-679	3.6	
177	Comparing small urinary extracellular vesicle purification methods with a view to RNA sequencing-Enabling robust and non-invasive biomarker research. <i>Biomolecular Detection and Quantification</i> , 2019 , 17, 100089	12	28
176	Highlights of the mini-symposium on extracellular vesicles in inter-organismal communication, held in Munich, Germany, August 2018. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1590116	16.4	12
175	Treatment and Prevention of Recurrent Clostridium difficile Infection with Functionalized Bovine Antibody-Enriched Whey in a Hamster Primary Infection Model. <i>Toxins</i> , 2019 , 11,	4.9	7
174	Prostaglandins in Superovulation Induced Bovine Follicles During the Preovulatory Period and Early Corpus Luteum. <i>Frontiers in Endocrinology</i> , 2019 , 10, 467	5.7	8
173	Pleading for adherence to the MIQE-Guidelines when reporting quantitative PCR data in forensic genetic research. <i>Forensic Science International: Genetics</i> , 2019 , 42, e21-e24	4.3	8
172	Quantification Strategies in Real-time Polymerase Chain Reaction 2019 ,		3
171	Blastocysts exhibit sex-specific signalling of IFNT transcription, translation and activity. <i>Reproduction</i> , 2019 , 157, 245-258	3.8	
170	Isolation and characterization of extracellular vesicles. <i>Trillium Extracellular Vesicles</i> , 2019 , 1, 18-26	0.2	1
169	TGFBR2-dependent alterations of microRNA profiles in extracellular vesicles and parental colorectal cancer cells. <i>International Journal of Oncology</i> , 2019 , 55, 925-937	4.4	6
168	Does environmental stress affect cortisol biodistribution in freshwater mussels? 2019 , 7, coz101		2
167	MicroRNA of whole milk samples are not suitable for pregnancy detection in cattle. <i>Gene</i> , 2019 , 692, 17-21	3.8	2
166	Glucocorticoid receptor overexpression slightly shifts microRNA expression patterns in triple-negative breast cancer. <i>International Journal of Oncology</i> , 2018 , 52, 1765-1776	4.4	6
165	Impact of preimplantational oral low-dose estradiol-17β exposure on the endometrium: The role of miRNA. <i>Molecular Reproduction and Development</i> , 2018 , 85, 417-426	2.6	6
164	Shisha microbiota: the good, the bad and the not so ugly. <i>BMC Research Notes</i> , 2018 , 11, 446	2.3	6
163	Growth Hormone Secretion Patterns in German Landrace (DL) Fetuses and Piglets Compared to DL Piglets with Inherited 1,25-Dihydroxyvitamin D3 Deficiency. <i>Nutrients</i> , 2018 , 10,	6.7	1
162	Changes in the microRNA expression profile during blood storage. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000354	3.4	7

161	Stimulated enrichment of Clostridium difficile specific IgA in mature cow's milk. <i>PLoS ONE</i> , 2018 , 13, e0195275	3.7	4
160	Changes in the expression of prostaglandin family members in bovine corpus luteum during the estrous cycle and pregnancy. <i>Molecular Reproduction and Development</i> , 2018 , 85, 622-634	2.6	7
159	Evaluation of serum extracellular vesicle isolation methods for profiling miRNAs by next-generation sequencing. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1481321	16.4	113
158	Grass pollen production and group V allergen content of agriculturally relevant species and cultivars. <i>PLoS ONE</i> , 2018 , 13, e0193958	3.7	15
157	New surveillance concepts in food safety in meat producing animals: the advantage of high throughput 'omics' technologies - A review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018 , 31, 1062-1071	2.4	1
156	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
155	Immune cell counts and signaling in body fluids of cows vaccinated against. <i>Journal of Biological Research</i> , 2018 , 25, 20	2.4	1
154	Nucleic Acids RNA Identification and Quantification via RT-qPCR 2018 , 35-35		
153	Identification of a piscine reovirus-related pathogen in proliferative darkening syndrome (PDS) infected brown trout (<i>Salmo trutta fario</i>) using a next-generation technology detection pipeline. <i>PLoS ONE</i> , 2018 , 13, e0206164	3.7	15
152	Inhibition of fat cell differentiation in 3T3-L1 pre-adipocytes by all-trans retinoic acid: Integrative analysis of transcriptomic and phenotypic data. <i>Biomolecular Detection and Quantification</i> , 2017 , 11, 31-44	1.2	7
151	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1286095	16.4	410
150	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. <i>Nature Methods</i> , 2017 , 14, 228-232	21.6	560
149	Cellular and extracellular miRNAs are blood-compartment-specific diagnostic targets in sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 2403-2411	5.6	62
148	Effect of <i>Perilla frutescens</i> Extracts on Porcine Jejunal Epithelial Cells. <i>Phytotherapy Research</i> , 2017 , 31, 303-311	6.7	2
147	Can milk cell or skim milk miRNAs be used as biomarkers for early pregnancy detection in cattle?. <i>PLoS ONE</i> , 2017 , 12, e0172220	3.7	23
146	Gene expression profiling in pbMEC - in search of molecular biomarkers to predict immunoglobulin production in bovine milk. <i>BMC Veterinary Research</i> , 2017 , 13, 369	2.7	2
145	Highlights of the SB Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1407213	16.4	24
144	Establishment of a 3D cell culture model of primary bovine mammary epithelial cells extracted from fresh milk. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 706-720	2.6	6

143	Expression pattern of HIF1alpha and vasohibins during follicle maturation and corpus luteum function in the bovine ovary. <i>Reproduction in Domestic Animals</i> , 2017 , 52, 130-139	1.6	14
142	The Dynamics of microRNA Transcriptome in Bovine Corpus Luteum during Its Formation, Function, and Regression. <i>Frontiers in Genetics</i> , 2017 , 8, 213	4.5	20
141	Bioactive Properties of Minor Camel Milk Ingredients-An Overview. <i>Journal of Camel Practice and Research</i> , 2017 , 24, 15	0.6	4
140	Toward reliable biomarker signatures in the age of liquid biopsies - how to standardize the small RNA-Seq workflow. <i>Nucleic Acids Research</i> , 2016 , 44, 5995-6018	20.1	62
139	microRNA in native and processed cow's milk and its implication for the farm milk effect on asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1893-1895.e13	11.5	57
138	Expression and localization of members of the thrombospondin family during final follicle maturation and corpus luteum formation and function in the bovine ovary. <i>Journal of Reproduction and Development</i> , 2016 , 62, 501-510	2.1	23
137	Effect of the Ketone Body Beta-Hydroxybutyrate on the Innate Defense Capability of Primary Bovine Mammary Epithelial Cells. <i>PLoS ONE</i> , 2016 , 11, e0157774	3.7	14
136	Angiogenesis in The Ovary - The Most Important Regulatory Event for Follicle and Corpus Luteum Development and Function in Cow - An Overview. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2016 , 45, 124-30	1.1	50
135	Comparison of the immune competence of Turopolje, German Landrace and German Landrace Pietrain pigs after PRRSV vaccination. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 174, 35-44	2	1
134	miRNA92a targets KLF2 and the phosphatase PTEN signaling to promote human T follicular helper precursors in T1D islet autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6659-E6668	11.5	41
133	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 938-939	11.5	1
132	Comparison of the miRNome and piRNome of bovine blood and plasma by small RNA sequencing. <i>Biotechnology Letters</i> , 2015 , 37, 1165-76	3	16
131	TNF- α and IGF1 modify the microRNA signature in skeletal muscle cell differentiation. <i>Cell Communication and Signaling</i> , 2015 , 13, 4	7.5	27
130	RDML-Ninja and RDMLdb for standardized exchange of qPCR data. <i>BMC Bioinformatics</i> , 2015 , 16, 197	3.6	9
129	Guest editor's introduction for BDQ special issue: 'Advanced Molecular Diagnostics for Biomarker Discovery'. <i>Biomolecular Detection and Quantification</i> , 2015 , 5, 1-2	12	3
128	The potential of circulating extracellular small RNAs (smexRNA) in veterinary diagnostics-Identifying biomarker signatures by multivariate data analysis. <i>Biomolecular Detection and Quantification</i> , 2015 , 5, 15-22	12	10
127	Temporal variation of milk fat globule diameter, fat and cholesterol content and milk epithelial cell gene expression in dairy cows. <i>International Journal of Dairy Technology</i> , 2015 , 68, 519-526	3.7	17
126	Integrative Analysis of MicroRNA and mRNA Data Reveals an Orchestrated Function of MicroRNAs in Skeletal Myocyte Differentiation in Response to TNF- α and IGF1. <i>PLoS ONE</i> , 2015 , 10, e0135284	3.7	17

125	Tumor Necrosis Factor Alpha and Insulin-Like Growth Factor 1 Induced Modifications of the Gene Expression Kinetics of Differentiating Skeletal Muscle Cells. <i>PLoS ONE</i> , 2015 , 10, e0139520	3.7	8
124	How good is a PCR efficiency estimate: Recommendations for precise and robust qPCR efficiency assessments. <i>Biomolecular Detection and Quantification</i> , 2015 , 3, 9-16	12	232
123	Class I odorant receptors, TAS1R and TAS2R taste receptors, are markers for subpopulations of circulating leukocytes. <i>Journal of Leukocyte Biology</i> , 2015 , 97, 533-45	6.5	93
122	Differences in milk fat composition from four old sheep breeds. <i>Archives Animal Breeding</i> , 2015 , 58, 351-353	3.3	2
121	Microfluidic high-throughput reverse-transcription quantitative PCR analysis of liver gene expression in lactating animals. <i>Mikrochimica Acta</i> , 2014 , 181, 1725-1732	5.8	4
120	Stay in touch while on the bench—how the MIQE applet can increase the quality of your qPCR and dPCR experiments. <i>BMC Genomics</i> , 2014 , 15,	4.5	1
119	Determination of Cell Morphology under 1,8-Cineole Treatment in Porcine Intestinal Cells 2014 , 65-69		
118	mRNA and microRNA purity and integrity: the key to success in expression profiling. <i>Methods in Molecular Biology</i> , 2014 , 1160, 43-53	1.4	12
117	Identification of a potential gene expression biomarker signature in bovine liver to detect the abuse of growth promoters. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014 , 31, 641-9	3.2	12
116	Effects of 1-year long-term freezing with different preservatives on milk cholesterol, progesterone and lactoferrin determination. <i>International Journal of Dairy Technology</i> , 2014 , 67, 490-494	3.7	2
115	Optimization of extraction of circulating RNAs from plasma—enabling small RNA sequencing. <i>PLoS ONE</i> , 2014 , 9, e107259	3.7	45
114	Posttranscriptional regulatory networks: from expression profiling to integrative analysis of mRNA and microRNA data. <i>Methods in Molecular Biology</i> , 2014 , 1160, 165-88	1.4	8
113	The need for transparency and good practices in the qPCR literature. <i>Nature Methods</i> , 2013 , 10, 1063-7	21.6	197
112	Effect of non-starch-polysaccharide-degrading enzymes as feed additive on the rumen bacterial population in non-lactating cows quantified by real-time PCR. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013 , 97, 1104-13	2.6	2
111	Evaluation of qPCR curve analysis methods for reliable biomarker discovery: bias, resolution, precision, and implications. <i>Methods</i> , 2013 , 59, 32-46	4.6	168
110	Transcriptional biomarkers—high throughput screening, quantitative verification, and bioinformatical validation methods. <i>Methods</i> , 2013 , 59, 3-9	4.6	40
109	The digital MIQE guidelines: Minimum Information for Publication of Quantitative Digital PCR Experiments. <i>Clinical Chemistry</i> , 2013 , 59, 892-902	5.5	554
108	Nicotinic acetylcholine receptor subunits α and β associated with smoking behaviour and lung cancer are regulated by upstream open reading frames. <i>PLoS ONE</i> , 2013 , 8, e66157	3.7	4

107	Effect of magnetic stimulation on the gene expression profile of in vitro cultured neural cells. <i>Neuroscience Letters</i> , 2012 , 526, 122-7	3.3	16
106	The physiological way: monitoring RNA expression changes as new approach to combat illegal growth promoter application. <i>Drug Testing and Analysis</i> , 2012 , 4 Suppl 1, 70-4	3.5	10
105	Investigation into the metabolism of 1,8-cineole in an intestinal cell culture model and acquisition of its immune-modulatory effect via gene expression analysis. <i>Flavour and Fragrance Journal</i> , 2012 , 27, 405-413	2.5	1
104	Synergetic downregulation of 67 kDa laminin receptor by the green tea (Camellia sinensis) secondary plant compound epigallocatechin gallate: a new gateway in metastasis prevention?. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 258	4.7	8
103	RNA-sequencing as useful screening tool in the combat against the misuse of anabolic agents. <i>Analytical Chemistry</i> , 2012 , 84, 6863-8	7.8	17
102	Profound effect of profiling platform and normalization strategy on detection of differentially expressed microRNAs--a comparative study. <i>PLoS ONE</i> , 2012 , 7, e38946	3.7	48
101	Influence of anabolic combinations of an androgen plus an estrogen on biochemical pathways in bovine uterine endometrium and ovary. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011 , 125, 192-201	5.1	18
100	Effects of the prebiotics inulin and lactulose on intestinal immunology and hematology of preruminant calves. <i>Animal</i> , 2011 , 5, 1099-106	3.1	22
99	The analysis of the transcriptome as a new approach for biomarker development to trace the abuse of anabolic steroid hormones. <i>Drug Testing and Analysis</i> , 2011 , 3, 676-81	3.5	7
98	Die Real-Time-RT-PCR-Datenanalyse im Fokus der MIQE-Richtlinie. <i>BioSpektrum</i> , 2011 , 17, 295-297	0.1	1
97	Expression of immune relevant genes in pigs under the influence of low doses of deoxynivalenol (DON). <i>Mycotoxin Research</i> , 2011 , 27, 287-93	4	23
96	RefGenes: identification of reliable and condition specific reference genes for RT-qPCR data normalization. <i>BMC Genomics</i> , 2011 , 12, 156	4.5	206
95	Electric cell-substrate impedance sensing (ECIS) based real-time measurement of titer dependent cytotoxicity induced by adenoviral vectors in an IPI-2I cell culture model. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2000-5	11.8	50
94	Changes in the miRNA profile under the influence of anabolic steroids in bovine liver. <i>Analyst, The</i> , 2011 , 136, 1204-9	5	16
93	Quantification noise in single cell experiments. <i>Nucleic Acids Research</i> , 2011 , 39, e124	20.1	38
92	Primer sequence disclosure: a clarification of the MIQE guidelines. <i>Clinical Chemistry</i> , 2011 , 57, 919-21	5.5	52
91	The potential of bovine vaginal smear for biomarker development to trace the misuse of anabolic agents. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2011 , 119, 86-94	2.3	14
90	Effect of trenbolone acetate plus estradiol on transcriptional regulation of metabolism pathways in bovine liver. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010 , 2, 257-65	1.3	7

89	Monitoring gene expression in muscle tissue of macaca fascicularis under the influence of testosterone and SARM. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010 , 1, 73-9	1.3	2
88	mRNA and microRNA quality control for RT-qPCR analysis. <i>Methods</i> , 2010 , 50, 237-43	4.6	179
87	Quality control for quantitative PCR based on amplification compatibility test. <i>Methods</i> , 2010 , 50, 308-14	4.6	39
86	Comparison of Two Available Platforms for Determination of RNA Quality. <i>Biotechnology and Biotechnological Equipment</i> , 2010 , 24, 2154-2159	1.6	17
85	Inulin and probiotics in newly weaned piglets: effects on intestinal morphology, mRNA expression levels of inflammatory marker genes and haematology. <i>Archives of Animal Nutrition</i> , 2010 , 64, 304-21	2.7	19
84	Effects of inulin and lactulose on the intestinal morphology of calves. <i>Animal</i> , 2010 , 4, 739-44	3.1	10
83	The effects of branched-chain amino acid interactions on growth performance, blood metabolites, enzyme kinetics and transcriptomics in weaned pigs. <i>British Journal of Nutrition</i> , 2010 , 103, 964-76	3.6	83
82	Long-term effects of mycophenolic acid on the immunoglobulin and inflammatory marker-gene expression in sheep white blood cells. <i>Mycotoxin Research</i> , 2010 , 26, 235-40	4	6
81	Validation of extraction methods for total RNA and miRNA from bovine blood prior to quantitative gene expression analyses. <i>Biotechnology Letters</i> , 2010 , 32, 35-44	3	34
80	Normalization strategies for microRNA profiling experiments: a 'normal' way to a hidden layer of complexity?. <i>Biotechnology Letters</i> , 2010 , 32, 1777-88	3	169
79	The immunomodulatory effect of lactulose on Enterococcus faecium fed preruminant calves. <i>Journal of Animal Science</i> , 2009 , 87, 1731-8	0.7	17
78	The use of omic technologies for biomarker development to trace functions of anabolic agents. <i>Journal of Chromatography A</i> , 2009 , 1216, 8192-9	4.5	54
77	Identification of potential gene expression biomarkers for the surveillance of anabolic agents in bovine blood cells. <i>Analytica Chimica Acta</i> , 2009 , 638, 106-13	6.6	36
76	The MIQE guidelines: minimum information for publication of quantitative real-time PCR experiments. <i>Clinical Chemistry</i> , 2009 , 55, 611-22	5.5	9710
75	Unreliable real-time PCR analysis of human endogenous retrovirus-W (HERV-W) RNA expression and DNA copy number in multiple sclerosis. <i>AIDS Research and Human Retroviruses</i> , 2009 , 25, 377-8; author reply 379-81	1.6	29
74	Influence of testosterone and a novel SARM on gene expression in whole blood of Macaca fascicularis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 114, 167-73	5.1	12
73	Analysis of key molecules of the innate immune system in mammary epithelial cells isolated from marker-assisted and conventionally selected cattle. <i>Journal of Dairy Science</i> , 2009 , 92, 4621-33	4	43
72	Gene expression in hair follicle dermal papilla cells after treatment with stanozolol. <i>Biomarker Insights</i> , 2008 , 4, 1-8	3.5	12

71	Effect of insoluble fibre on intestinal morphology and mRNA expression pattern of inflammatory, cell cycle and growth marker genes in a piglet model. <i>Archives of Animal Nutrition</i> , 2008 , 62, 427-38	2.7	18
70	Effects of Plate Position, Plate Type and Sealing Systems on Real-Time PCR Results. <i>Biotechnology and Biotechnological Equipment</i> , 2008 , 22, 824-828	1.6	8
69	Validation of Lab-on-Chip Capillary Electrophoresis Systems for Total RNA Quality and Quantity Control. <i>Biotechnology and Biotechnological Equipment</i> , 2008 , 22, 829-834	1.6	8
68	Dose-dependent immune response in milk cells and mammary tissue after intramammary administration of lipopolysaccharide in dairy cows. <i>Veterinarni Medicina</i> , 2008 , 52, 231-244	0.7	10
67	Lactulose: effect on apoptotic- and immunological-markers in the gastro-intestinal tract of pre-ruminant calves. <i>Veterinarni Medicina</i> , 2008 , 52, 437-444	0.7	2
66	Effect of chronic oxytocin-treatment on the bovine mammary gland immune system. <i>Veterinarni Medicina</i> , 2008 , 52, 475-486	0.7	5
65	Effects of avilamycin and essential oils on mRNA expression of apoptotic and inflammatory markers and gut morphology of piglets. <i>Czech Journal of Animal Science</i> , 2008 , 53, 377-387	1.1	35
64	Effects of lactoferrin feeding on growth, feed intake and health of calves. <i>Archives of Animal Nutrition</i> , 2007 , 61, 20-30	2.7	16
63	A method to assess ⁵⁹ Fe in residual tissue blood content in mice and its use to correct ⁵⁹ Fe-distribution kinetics accordingly. <i>Toxicology</i> , 2007 , 241, 19-32	4.4	25
62	Modification of mRNA expression after treatment with anabolic agents and the usefulness for gene expression-biomarkers. <i>Analytica Chimica Acta</i> , 2007 , 586, 73-81	6.6	44
61	Effect of lactoferrin on selected immune system parameters and the gastrointestinal morphology in growing calves. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007 , 91, 109-19	2.6	18
60	The influence of polyphenol rich apple pomace or red-wine pomace diet on the gut morphology in weaning piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007 , 91, 289-96	2.6	56
59	Influence of oral application of mycophenolic acid on the clinical health status of sheep. <i>Transboundary and Emerging Diseases</i> , 2007 , 54, 76-81		10
58	Reference histology of veal calf genital and endocrine tissues - an update for screening on hormonal growth promoters. <i>Transboundary and Emerging Diseases</i> , 2007 , 54, 238-46		17
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