

Ingrid Miller

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.

117
papers

2,540
citations

28
h-index

45
g-index

128
ext. papers

2,783
ext. citations

3.7
avg, IF

4.63
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 117 | Tissue Damage, Not Infection, Triggers Hepatic Unfolded Protein Response in an Experimental Rat Peritonitis Model.. <i>Frontiers in Medicine</i> , 2022 , 9, 785285 | 4.9 | |
| 116 | Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. <i>Journal of Proteomics</i> , 2021 , 241, 104220 | 3.9 | 4 |
| 115 | Hemolymph proteins: An overview across marine arthropods and molluscs. <i>Journal of Proteomics</i> , 2021 , 245, 104294 | 3.9 | 4 |
| 114 | Some more about dogs: Proteomics of neglected biological fluids. <i>Journal of Proteomics</i> , 2020 , 218, 103724 | 3.9 | 6 |
| 113 | In slow pace towards the proteome of equine body fluids. <i>Journal of Proteomics</i> , 2020 , 225, 103880 | 3.9 | 5 |
| 112 | Cannabidiol Protects Dopaminergic Neurons in Mesencephalic Cultures against the Complex I Inhibitor Rotenone Via Modulation of Heme Oxygenase Activity and Bilirubin. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 8 |
| 111 | Motor Cortex and Hippocampus Display Decreased Heme Oxygenase Activity 2 Weeks After Ventricular Fibrillation Cardiac Arrest in Rats. <i>Frontiers in Medicine</i> , 2020 , 7, 513 | 4.9 | 1 |
| 110 | Self-Incompatibility in <i>Matricaria chamomilla</i> L. (Asteraceae) Is Linked to Differential Esterase Activity. <i>International Journal of Plant Sciences</i> , 2019 , 180, 366-373 | 2.6 | |
| 109 | What if? Mouse proteomics after gene inactivation. <i>Journal of Proteomics</i> , 2019 , 199, 102-122 | 3.9 | 3 |
| 108 | Towards Understanding Non-Infectious Growth-Rate Retardation in Growing Pigs. <i>Proteomes</i> , 2019 , 7, | 4.6 | 2 |
| 107 | Comparative proteome analysis of monolayer and spheroid culture of canine osteosarcoma cells. <i>Journal of Proteomics</i> , 2018 , 177, 124-136 | 3.9 | 8 |
| 106 | Proteomic Research in Farm Animal Serum and Plasma 2018 , 103-119 | | |
| 105 | Gender proteomics II. Which proteins in sexual organs. <i>Journal of Proteomics</i> , 2018 , 178, 18-30 | 3.9 | 3 |
| 104 | Gender proteomics I. Which proteins in non-sexual organs. <i>Journal of Proteomics</i> , 2018 , 178, 7-17 | 3.9 | 8 |
| 103 | <i>Actinobacillus pleuropneumoniae</i> triggers IL-10 expression in tonsils to mediate colonisation and persistence of infection in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2018 , 205, 17-23 | 2 | 6 |
| 102 | Detection and first characterization of an uncommon haptoglobin in porcine saliva of pigs with rectal prolapse by using boronic acid sample enrichment. <i>Animal</i> , 2017 , 11, 845-853 | 3.1 | 4 |
| 101 | S100A4 (metastasin) positive mesenchymal canine mammary tumour spheroids reduce Tenascin C synthesis under DMSO exposure in vitro. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 1428-1444 | 2.5 | 4 |

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| 100 | Investigation of corneal autoantibodies in horses with immune mediated keratitis (IMMK). <i>Veterinary Immunology and Immunopathology</i> , 2017 , 187, 48-54 | 2 | 7 |
| 99 | Glycosaminoglycan-Mediated Downstream Signaling of CXCL8 Binding to Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 10 |
| 98 | From Farm to Fork 2017 , 145-161 | | |
| 97 | Ezrin and moesin expression in canine and feline osteosarcoma. <i>Histology and Histopathology</i> , 2017 , 32, 805-816 | 1.4 | 3 |
| 96 | Host-pathogen interplay at primary infection sites in pigs challenged with <i>Actinobacillus pleuropneumoniae</i> . <i>BMC Veterinary Research</i> , 2017 , 13, 64 | 2.7 | 13 |
| 95 | In silico prediction and characterization of protein post-translational modifications. <i>Journal of Proteomics</i> , 2016 , 134, 65-75 | 3.9 | 11 |
| 94 | Gender specific differences in the liver proteome of rats exposed to short term and low-concentration hexabromocyclododecane (HBCD). <i>Toxicology Research</i> , 2016 , 5, 1273-1283 | 2.6 | 7 |
| 93 | Dataset of liver proteins changed in eu- and hypothyroid female rats upon in vivo exposure to hexabromocyclododecane (HBCD). <i>Data in Brief</i> , 2016 , 7, 386-92 | 1.2 | 1 |
| 92 | Growth promotion in pigs by oxytetracycline coincides with down regulation of serum inflammatory parameters and of hibernation-associated protein HP-27. <i>Electrophoresis</i> , 2016 , 37, 1277-86 | 2.6 | 18 |
| 91 | Hexabromocyclododecane (HBCD) induced changes in the liver proteome of eu- and hypothyroid female rats. <i>Toxicology Letters</i> , 2016 , 245, 40-51 | 4.4 | 17 |
| 90 | Expression of Progesterone Receptor Membrane Component 1 (PGRMC1), Progesterin and AdipoQ Receptor 7 (PAQPR7), and Plasminogen Activator Inhibitor 1 RNA-Binding Protein (PAIRBP1) in Glioma Spheroids In Vitro. <i>BioMed Research International</i> , 2016 , 2016, 8065830 | 3 | 12 |
| 89 | Diversity of major urinary proteins (MUPs) in wild house mice. <i>Scientific Reports</i> , 2016 , 6, 38378 | 4.9 | 15 |
| 88 | With or without you - Proteomics with or without major plasma/serum proteins. <i>Journal of Proteomics</i> , 2016 , 140, 62-80 | 3.9 | 39 |
| 87 | THC (β -Tetrahydrocannabinol) Exerts Neuroprotective Effect in Glutamate-affected Murine Primary Mesencephalic Cultures Through Restoring Mitochondrial Membrane Potential and Anti-apoptosis Involving CB Receptor-dependent Mechanism. <i>Phytotherapy Research</i> , 2016 , 30, 2044-2052 | 6.7 | 10 |
| 86 | Dataset of liver proteins of eu- and hypothyroid rats affected in abundance by any of three factors: in vivo exposure to hexabromocyclododecane (HBCD), thyroid status, gender differences. <i>Data in Brief</i> , 2016 , 8, 1344-7 | 1.2 | 1 |
| 85 | Identification of the major regenerative III protein (RegIII) in the porcine intestinal mucosa as RegIII β not RegIII α <i>Veterinary Immunology and Immunopathology</i> , 2015 , 167, 51-6 | 2 | 7 |
| 84 | Concentration and pattern changes of porcine serum apolipoprotein A-I in four different infectious diseases. <i>Electrophoresis</i> , 2015 , 36, 543-51 | 3.6 | 5 |
| 83 | Vicious inducible nitric oxide synthase-mitochondrial reactive oxygen species cycle accelerates inflammatory response and causes liver injury in rats. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 572-86 | 8.4 | 35 |

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| 82 | Animal board invited review: advances in proteomics for animal and food sciences. <i>Animal</i> , 2015 , 9, 1-17 | 3.1 | 116 |
| 81 | Major urinary protein (MUP) profiles show dynamic changes rather than individual barcode signatures. <i>Frontiers in Ecology and Evolution</i> , 2015 , 3, | 3.7 | 25 |
| 80 | Usefulness of DIGE for the detection of protein profile in retained and released bovine placental tissues. <i>Placenta</i> , 2015 , 36, 246-9 | 3.4 | 11 |
| 79 | Chapter 10: Intestinal health research and proteomics, a wellmatched couple 2015 , 229-252 | | |
| 78 | In between - Proteomics of dog biological fluids. <i>Journal of Proteomics</i> , 2014 , 106, 30-45 | 3.9 | 18 |
| 77 | The added value of proteomics for toxicological studies. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2014 , 17, 225-46 | 8.6 | 10 |
| 76 | Human osteosarcoma cells respond to sorafenib chemotherapy by downregulation of the tumor progression factors S100A4, CXCR4 and the oncogene FOS. <i>Oncology Reports</i> , 2014 , 31, 1147-56 | 3.5 | 11 |
| 75 | Contamination of therapeutic human immunoglobulin preparations with apolipoprotein H (α -glycoprotein I). <i>Electrophoresis</i> , 2014 , 35, 515-21 | 3.6 | 5 |
| 74 | Proteomics on porcine haptoglobin and IgG/IgA show protein species distribution and glycosylation pattern to remain similar in PCV2-SD infection. <i>Journal of Proteomics</i> , 2014 , 101, 205-16 | 3.9 | 14 |
| 73 | The rabbit as an experimental and production animal: from genomics to proteomics. <i>Current Protein and Peptide Science</i> , 2014 , 15, 134-45 | 2.8 | 24 |
| 72 | Detection of potential markers for systemic disease in saliva of pigs by proteomics: a pilot study. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 151, 73-82 | 2 | 24 |
| 71 | A proteomic portrait of atherosclerosis. <i>Journal of Proteomics</i> , 2013 , 82, 92-112 | 3.9 | 12 |
| 70 | Downregulation of cellular protective factors of rumen epithelium in goats fed high energy diet. <i>PLoS ONE</i> , 2013 , 8, e81602 | 3.7 | 25 |
| 69 | Pig β -acid glycoprotein: characterization and first description in any species as a negative acute phase protein. <i>PLoS ONE</i> , 2013 , 8, e68110 | 3.7 | 25 |
| 68 | Continuous thrombin infusion leads to a bleeding phenotype in sheep. <i>Thrombosis Research</i> , 2012 , 130, 226-36 | 8.2 | 4 |
| 67 | Impact of ozonation on ecotoxicity and endocrine activity of tertiary treated wastewater effluent. <i>Water Research</i> , 2012 , 46, 3693-702 | 12.5 | 36 |
| 66 | How many spots with missing values can be tolerated in quantitative two-dimensional gel electrophoresis when applying univariate statistics?. <i>Journal of Proteomics</i> , 2012 , 75, 1792-802 | 3.9 | 5 |
| 65 | Proteomics of rat biological fluids--the tenth anniversary update. <i>Journal of Proteomics</i> , 2012 , 75, 3113-289 | | 9 |

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| 64 | Impairment of endoplasmic reticulum in liver as an early consequence of the systemic inflammatory response in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G1373-83 | 5.1 | 13 |
| 63 | A proteomic analysis of serum from dogs before and after a controlled weight-loss program. <i>Domestic Animal Endocrinology</i> , 2012 , 43, 271-7 | 2.3 | 9 |
| 62 | Neglected markers: altered serum proteome in murine models of disease. <i>Proteomics</i> , 2012 , 12, 691-707 | 4.8 | 9 |
| 61 | Application of 2D DIGE in animal proteomics. <i>Methods in Molecular Biology</i> , 2012 , 854, 373-96 | 1.4 | 22 |
| 60 | A comparative proteome analysis links tyrosine kinase 2 (Tyk2) to the regulation of cellular glucose and lipid metabolism in response to poly(I:C). <i>Journal of Proteomics</i> , 2011 , 74, 2866-80 | 3.9 | 12 |
| 59 | Transient increase of free iron in rat livers following hemorrhagic-traumatic shock and reperfusion is independent of heme oxygenase 1 upregulation. <i>Shock</i> , 2011 , 36, 501-9 | 3.4 | 8 |
| 58 | Expression and activity of matrix metalloproteinases in the uterus of bitches after spontaneous and induced abortion. <i>Reproduction in Domestic Animals</i> , 2011 , 46, 197-204 | 1.6 | 5 |
| 57 | Proteomic analysis of porcine saliva. <i>Veterinary Journal</i> , 2011 , 187, 356-62 | 2.5 | 27 |
| 56 | Characterisation of <i>Sarcoptes scabiei</i> antigens. <i>Parasitology Research</i> , 2011 , 108, 309-15 | 2.4 | 7 |
| 55 | Application of 2-D DIGE to survey the quality of biological medicines. <i>Proteomics</i> , 2011 , 11, 2120-3 | 4.8 | 2 |
| 54 | Farm animal proteomics--a review. <i>Journal of Proteomics</i> , 2011 , 74, 282-93 | 3.9 | 110 |
| 53 | Elevated fructosamine concentrations caused by IgA paraproteinemia in two dogs. <i>Journal of Veterinary Science</i> , 2010 , 11, 359-61 | 1.6 | 4 |
| 52 | Effect of estrogen on mitochondrial function and intracellular stress markers in rat liver and kidney following trauma-hemorrhagic shock and prolonged hypotension. <i>Molecular Medicine</i> , 2010 , 16, 254-61 | 6.2 | 35 |
| 51 | Tyrosine kinase 2 controls IL-1 β production at the translational level. <i>Journal of Immunology</i> , 2010 , 185, 3544-53 | 5.3 | 22 |
| 50 | Reperfusion does not induce oxidative stress but sustained endoplasmic reticulum stress in livers of rats subjected to traumatic-hemorrhagic shock. <i>Shock</i> , 2010 , 33, 289-98 | 3.4 | 35 |
| 49 | Any use in proteomics for low-tech approaches? Detecting fibrinogen chains of different animal species in two-dimensional electrophoresis patterns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2314-8 | 3.2 | 7 |
| 48 | Proteome analysis of <i>Aspergillus ochraceus</i> . <i>Mycotoxin Research</i> , 2010 , 26, 171-80 | 4 | 9 |
| 47 | Other than IPG-DALT: 2-DE variants. <i>Proteomics</i> , 2010 , 10, 586-610 | 4.8 | 20 |

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| 46 | Endotoxin causes functional endoplasmic reticulum failure, possibly mediated by mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009 , 1792, 521-30 | 6.9 | 41 |
| 45 | A proteomic reference map for pig serum proteins as a prerequisite for diagnostic applications. <i>Research in Veterinary Science</i> , 2009 , 86, 362-7 | 2.5 | 48 |
| 44 | Biological variation of the platelet proteome in the elderly population and its implication for biomarker research. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 193-203 | 7.6 | 64 |
| 43 | The impact of tyrosine kinase 2 (Tyk2) on the proteome of murine macrophages and their response to lipopolysaccharide (LPS). <i>Proteomics</i> , 2008 , 8, 3469-85 | 4.8 | 13 |
| 42 | Proteomics of lung physiopathology. <i>Proteomics</i> , 2008 , 8, 5053-73 | 4.8 | 12 |
| 41 | Comparing the applicability of CGE-on-the-chip and SDS-PAGE for fast pre-screening of mouse serum samples prior to proteomics analysis. <i>Electrophoresis</i> , 2008 , 29, 4332-40 | 3.6 | 6 |
| 40 | Matrix metalloproteinase (MMP)-2 and MMP-9 activity in the canine uterus before and during placentation. <i>Reproduction in Domestic Animals</i> , 2007 , 42, 654-9 | 1.6 | 32 |
| 39 | Gender differences in endothelial function and inflammatory markers along the occurrence of pathological events in stroke-prone rats. <i>Experimental and Molecular Pathology</i> , 2007 , 82, 33-41 | 4.4 | 23 |
| 38 | Expression of vascular endothelial growth factor and its receptors in canine lymphoma. <i>Journal of Comparative Pathology</i> , 2007 , 137, 30-40 | 1 | 24 |
| 37 | Detecting oxidative post-translational modifications in proteins. <i>Amino Acids</i> , 2007 , 33, 51-6 | 3.5 | 34 |
| 36 | Opposite effects of endotoxin on mitochondrial and endoplasmic reticulum functions. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 352, 91-6 | 3.4 | 21 |
| 35 | MMTV accessory factor Naf affects cellular gene expression. <i>Virology</i> , 2006 , 346, 139-50 | 3.6 | 2 |
| 34 | Contribution of cell culture additives to the two-dimensional protein patterns of mouse macrophages. <i>Electrophoresis</i> , 2006 , 27, 1626-9 | 3.6 | 19 |
| 33 | Immunophenotypic characterization of peripheral blast cells in a leukemic miniature pig. <i>Veterinary Pathology</i> , 2006 , 43, 362-7 | 2.8 | 8 |
| 32 | Proteome analysis of rat liver mitochondria reveals a possible compensatory response to endotoxic shock. <i>FEBS Letters</i> , 2006 , 580, 1257-62 | 3.8 | 17 |
| 31 | Protein stains for proteomic applications: which, when, why?. <i>Proteomics</i> , 2006 , 6, 5385-408 | 4.8 | 188 |
| 30 | Quantitative validation of different protein precipitation methods in proteome analysis of blood platelets. <i>Electrophoresis</i> , 2005 , 26, 2481-9 | 3.6 | 91 |
| 29 | Structure of the seminal pathway in the European chub, <i>Leuciscus cephalus</i> (Cyprinidae); Teleostei. <i>Journal of Morphology</i> , 2005 , 263, 375-91 | 1.6 | 8 |

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| 28 | Reference maps of mouse serum acute-phase proteins: changes with LPS-induced inflammation and apolipoprotein A-I and A-II transgenes. <i>Proteomics</i> , 2005 , 5, 4245-53 | 4.8 | 50 |
| 27 | Immunoglobulin Patterns in Health and Disease 2005 , 235-267 | | |
| 26 | Nonreducing two-dimensional gel electrophoresis for the detection of Bence Jones proteins in serum and urine. <i>Proteomics</i> , 2004 , 4, 257-60 | 4.8 | 18 |
| 25 | The serum proteome of <i>Equus caballus</i> . <i>Proteomics</i> , 2004 , 4, 3227-34 | 4.8 | 48 |
| 24 | Analysis of pathological events at the onset of brain damage in stroke-prone rats: a proteomics and magnetic resonance imaging approach. <i>Journal of Neuroscience Research</i> , 2004 , 78, 115-22 | 4.4 | 73 |
| 23 | Strategies for proteomics with incompletely characterized genomes: the proteome of <i>Bos taurus</i> serum. <i>Electrophoresis</i> , 2002 , 23, 3418-27 | 3.6 | 89 |
| 22 | Monitoring the effects of drug treatment in rat models of disease by serum protein analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 771, 107-30 ² | | 45 |
| 21 | Proteins of rat serum, urine, and cerebrospinal fluid: VI. Further protein identifications and interstrain comparison. <i>Electrophoresis</i> , 2001 , 22, 3043-52 | 3.6 | 91 |
| 20 | Acute-phase proteins before cerebral ischemia in stroke-prone rats: identification by proteomics. <i>Stroke</i> , 2001 , 32, 753-60 | 6.7 | 83 |
| 19 | Proteins of rat serum V: adjuvant arthritis and its modulation by nonsteroidal anti-inflammatory drugs. <i>Electrophoresis</i> , 2000 , 21, 2170-9 | 3.6 | 31 |
| 18 | Proteins of rat serum: III. Gender-related differences in protein concentration under baseline conditions and upon experimental inflammation as evaluated by two-dimensional electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 836-45 | 3.6 | 45 |
| 17 | Proteins of rat serum IV. Time-course of acute-phase protein expression and its modulation by indomethacine. <i>Electrophoresis</i> , 1999 , 20, 846-53 | 3.6 | 29 |
| 16 | Low-tech electrophoresis, small but beautiful, and effective: electrophoretic titration curves of proteins. <i>Electrophoresis</i> , 1999 , 20, 1325-38 | 3.6 | 11 |
| 15 | A web site for the rat serum protein study group. <i>Electrophoresis</i> , 1999 , 20, 3599-602 | 3.6 | 17 |
| 14 | Proteins of rat serum: I. Establishing a reference two-dimensional electrophoresis map by immunodetection and microbore high performance liquid chromatography-electrospray mass spectrometry. <i>Electrophoresis</i> , 1998 , 19, 1484-92 | 3.6 | 61 |
| 13 | Proteins of rat serum: II. Influence of some biological parameters of the two-dimensional electrophoresis pattern. <i>Electrophoresis</i> , 1998 , 19, 1493-500 | 3.6 | 41 |
| 12 | An electrophoretic study on interactions of albumins of different species with immobilized Cibacron Blue F3G A. <i>Electrophoresis</i> , 1998 , 19, 2506-14 | 3.6 | 14 |
| 11 | Structural transitions of human serum albumin: an investigation using electrophoretic techniques. <i>Electrophoresis</i> , 1997 , 18, 695-700 | 3.6 | 16 |

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| 10 | Forensics on wild animals: differentiation between otter and pheasant blood using electrophoretic methods. <i>Electrophoresis</i> , 1995 , 16, 865-8 | 3.6 | 1 |
| 9 | Two-dimensional electrophoresis for the study of blood/serum proteins of the otter, an endangered species. <i>Electrophoresis</i> , 1995 , 16, 1193-8 | 3.6 | 1 |
| 8 | Peculiarities in electrophoretic behavior of different serum albumins. <i>Electrophoresis</i> , 1993 , 14, 1312-7 | 3.6 | 26 |
| 7 | Immunomodulating activity of 1,2-difattyacyl-3-mercaptoglycerol adducts. <i>Biological Chemistry Hoppe-Seyler</i> , 1992 , 373, 1085-94 | | 4 |
| 6 | Two-dimensional electrophoresis of cat sera: protein identification by cross reacting antibodies against human serum proteins. <i>Electrophoresis</i> , 1992 , 13, 450-3 | 3.6 | 37 |
| 5 | Two-dimensional electrophoresis in small gels for applications in veterinary medicine. <i>Electrophoresis</i> , 1991 , 12, 303-6 | 3.6 | 2 |
| 4 | Ultrathin-layer isoelectric focusing of enzymes in liver samples of wagtails (<i>Motacilla flava</i> , ssp.). <i>Electrophoresis</i> , 1982 , 3, 146-151 | 3.6 | 6 |
| 3 | Proteins of rat serum IV. Time-course of acute-phase protein expression and its modulation by indomethacine | 266-273 | |
| 2 | Proteins of rat serum: III. Gender-related differences in protein concentration under baseline conditions and upon experimental inflammation as evaluated by two-dimensional electrophoresis | 256-265 | |
| 1 | Protein Separation Strategies | 41-76 | 3 |