Christina R Ferreira

List of Publications by Year
in descending order

142	3,938	136950	149698
papers	citations	32 h-index	56 g-index

145	145	145	4183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relationship of cow and calf circulating lipidomes with colostrum lipid composition and metabolic status of the cow. Journal of Dairy Science, 2022, 105, 1768-1787.	3.4	4
2	Equilibration solution composition and extended exposure to equilibration phase affect embryo development and lipid profile of mouse oocytes. Reproductive BioMedicine Online, 2022, 44, 961-975.	2.4	3
3	Proteomic profile of extracellular matrix from native and decellularized chorionic canine placenta. Journal of Proteomics, 2022, 256, 104497.	2.4	5
4	Changes in lipid profile and SOX-2 expression in RM-1 cells after co-culture with preimplantation embryos or with deproteinated blastocyst extracts. Molecular Omics, 2022, , .	2.8	0
5	Suspect Screening of Exogenous Compounds Using Multiple Reaction Screening (MRM) Profiling in Human Urine Samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1201-1202, 123290.	2.3	0
6	Modulation of Pulmonary Toxicity in Metabolic Syndrome Due to Variations in Iron Oxide Nanoparticle-Biocorona Composition. Nanomaterials, 2022, 12, 2022.	4.1	3
7	Multiple reaction monitoring profiling (MRM profiling): Small molecule exploratory analysis guided by chemical functionality. Chemistry and Physics of Lipids, 2021, 235, 105048.	3.2	28
8	Biomarkers predictive of long-term fertility found in vaginal lipidome of gilts at weaning. Journal of Animal Science, 2021, 99, .	0.5	2
9	Lipid profiling suggests species specificity and minimal seasonal variation in Pacific Green and Hawksbill Turtle plasma. PLoS ONE, 2021, 16, e0253916.	2.5	4
10	Changes in sow milk lipidome across lactation occur in fatty acyl residues of triacylglycerol and phosphatidylglycerol lipids, but not in plasma membrane phospholipids. Animal, 2021, 15, 100280.	3.3	12
11	Lipid profile of in vitro embryos produced from Bos indicus cows with low and high antral follicle counts. Livestock Science, 2021, 250, 104586.	1.6	1
12	Disruption of pulmonary resolution mediators contribute to exacerbated silver nanoparticle-induced acute inflammation in a metabolic syndrome mouse model. Toxicology and Applied Pharmacology, 2021, 431, 115730.	2.8	9
13	Exploratory analysis using MRM profiling mass spectrometry of a candidate metabolomics sample for testing system suitability. International Journal of Mass Spectrometry, 2021, 468, 116663.	1.5	4
14	Effects of paternal diet and antioxidant addition to the semen extender on bovine semen characteristics and on the phenotype of the resulting embryo. Theriogenology, 2021, 175, 23-33.	2.1	4
15	Characteristic MALDI-MS lipid profiles of Gir, Holstein and crossbred (Gir x Holstein) oocytes recovered by ovum pick-up. Livestock Science, 2021, 243, 104380.	1.6	4
16	A novel experimental workflow to determine the impact of storage parameters on the mass spectrometric profiling and assessment of representative phosphatidylethanolamine lipids in mouse tissues. Analytical and Bioanalytical Chemistry, 2021, 413, 1837-1849.	3.7	7
17	Novel Quantification of Extracellular Vesicles with Unaltered Surface Membranes Using an Internalized Oligonucleotide Tracer and Applied Pharmacokinetic Multiple Compartment Modeling. Pharmaceutical Research, 2021, 38, 1677-1695.	3.5	3
18	Multiple reaction monitoring profiling as an analytical strategy to investigate lipids in extracellular vesicles. Journal of Mass Spectrometry, 2021, 56, e4681.	1.6	5

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19	Influence of cAMP modulator supplementation of inÂvitro culture medium on Bos taurus indicus embryos. Theriogenology, 2020, 141, 134-141.	2.1	6
20	High-throughput screening of organic reactions in microdroplets using desorption electrospray ionization mass spectrometry (DESI-MS): hardware and software implementation. Analytical Methods, 2020, 12, 3654-3669.	2.7	32
21	Loss of Muscle Carnitine Palmitoyltransferase 2 Prevents Diet-Induced Obesity and Insulin Resistance despite Long-Chain Acylcarnitine Accumulation. Cell Reports, 2020, 33, 108374.	6.4	22
22	Lipidomic Profiling of the Epidermis in a Mouse Model of Dermatitis Reveals Sexual Dimorphism and Changes in Lipid Composition before the Onset of Clinical Disease. Metabolites, 2020, 10, 299.	2.9	9
23	High-Throughput Screening of Reductive Amination Reactions Using Desorption Electrospray Ionization Mass Spectrometry. Organic Process Research and Development, 2020, 24, 1647-1657.	2.7	24
24	Exacerbation of Nanoparticle-Induced Acute Pulmonary Inflammation in a Mouse Model of Metabolic Syndrome. Frontiers in Immunology, 2020, 11, 818.	4.8	21
25	High-fat-diet induced obesity increases the proportion of linoleic acyl residues in dam serum and milk and in suckling neonate circulation. Biology of Reproduction, 2020, 103, 736-749.	2.7	11
26	Characterization and regulation of extracellular vesicles in the lumen of the ovine uterusâ€. Biology of Reproduction, 2020, 102, 1020-1032.	2.7	38
27	Mammalian ovarian lipid distributions by desorption electrospray ionizationâ€“mass spectrometry (DESI-MS) imaging. Analytical and Bioanalytical Chemistry, 2020, 412, 1251-1262.	3.7	16
28	Ambient Lipidomic Analysis of Single Mammalian Oocytes and Preimplantation Embryos Using Desorption Electrospray Ionization (DESI) Mass Spectrometry. Methods in Molecular Biology, 2020, 2064, 159-179.	0.9	5
29	Multiple Reaction Monitoring Profiling (MRM-Profiling) of Lipids To Distinguish Strain-Level Differences in Microbial Resistance in Escherichia coli. Analytical Chemistry, 2019, 91, 11349-11354.	6.5	26
30	An Integrative Proteomic/Lipidomic Analysis of the Gold Nanoparticle Biocorona in Healthy and Obese Conditions. Applied in Vitro Toxicology, 2019, 5, 150-166.	1.1	20
31	High Throughput Experimentation Using DESI-MS to Guide Continuous-Flow Synthesis. Scientific Reports, 2019, 9, 14745.	3.3	26
32	Lipidome profiles of postnatal day 2 vaginal swabs reflect fat composition of giltâ€™s postnatal diet. PLoS ONE, 2019, 14, e0215186.	2.5	12
33	An update on the aspects of Zika virus infection on male reproductive system. Journal of Assisted Reproduction and Genetics, 2019, 36, 1339-1349.	2.5	14
34	Histologic analysis and lipid profiling reveal reproductive age-associated changes in peri-ovarian adipose tissue. Reproductive Biology and Endocrinology, 2019, 17, 46.	3.3	29
35	Metabolites and Lipids Associated with Fetal Swine Anatomy via Desorption Electrospray Ionization â€“ Mass Spectrometry Imaging. Scientific Reports, 2019, 9, 7247.	3.3	24
36	Rapid On-Demand Synthesis of Lomustine under Continuous Flow Conditions. Organic Process Research and Development, 2019, 23, 334-341.	2.7	45

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37	Piezoelectric-based high performance spray solvent delivery system for desorption electrospray ionization mass spectrometry: Systematic design and case studies for high throughput screening of N-alkylation reactions. Chemical Engineering Science, 2019, 195, 1010-1020.	3.8	6
38	High throughput reaction screening using desorption electrospray ionization mass spectrometry. Chemical Science, 2018, 9, 1647-1653.	7.4	124
39	The potential of identifying replacement gilts by screening for lipid biomarkers in reproductive tract swabs taken at weaning. Journal of Applied Animal Research, 2018, 46, 667-676.	1.2	16
40	Lipidomics of sperm cells of fertile and sub-fertile men by MRM-profiling. Fertility and Sterility, 2018, 110, e303-e304.	1.0	0
41	Multiple reaction monitoring (MRM)-profiling with biomarker identification by LC-QTOF to characterize coronary artery disease. Analyst, The, 2018, 143, 5014-5022.	3.5	24
42	Comprehensive lipid profiling of early stage oocytes and embryos by MRM profiling. Journal of Mass Spectrometry, 2018, 53, 1247-1252.	1.6	42
43	Lipid profile of bovine blastocysts exposed to insulin during in vitro oocyte maturation. Reproduction, Fertility and Development, 2018, 30, 1253.	0.4	4
44	Rapid identification of bovine mastitis pathogens by MALDI-TOF Mass Spectrometry. Pesquisa Veterinaria Brasileira, 2018, 38, 586-594.	0.5	16
45	Profiling of epidermal lipids in a mouse model of dermatitis: Identification of potential biomarkers. PLoS ONE, 2018, 13, e0196595.	2.5	26
46	Membrane lipid profile of in vitro-produced embryos is affected by vitrification but not by long-term dietary supplementation of polyunsaturated fatty acids for oocyte donor beef heifers. Reproduction, Fertility and Development, 2017, 29, 1217.	0.4	5
47	Reaction Acceleration in Thin Films with Continuous Product Deposition for Organic Synthesis. Angewandte Chemie - International Edition, 2017, 56, 9386-9390.	13.8	58
48	Reaction Acceleration in Thin Films with Continuous Product Deposition for Organic Synthesis. Angewandte Chemie, 2017, 129, 9514-9518.	2.0	14
49	Ambient Lipidomic Analysis of Brain Tissue Using Desorption Electrospray Ionization (DESI) Mass Spectrometry. Neuromethods, 2017, , 187-210.	0.3	4
50	Effect of soybean phosphatidylcholine on lipid profile of bovine oocytes matured in vitro. Chemistry and Physics of Lipids, 2017, 204, 76-84.	3.2	8
51	409 Profiling of epidermal lipids to identify potential biomarkers of atopic dermatitis. Journal of Investigative Dermatology, 2017, 137, S71.	0.7	0
52	Dataset on lipid profile of bovine oocytes exposed to LÎ±-phosphatidylcholine during in vitro maturation investigated by MALDI mass spectrometry and gas chromatography-flame ionization detection. Data in Brief, 2017, 13, 480-486.	1.0	3
53	Multiple reaction monitoring (MRM)â€profiling for biomarker discovery applied to human polycystic ovarian syndrome. Rapid Communications in Mass Spectrometry, 2017, 31, 1462-1470.	1.5	32
54	Matrixâ€assisted laser desorption/ionization imaging mass spectrometry for the spatial location of feline oviductal proteins. Reproduction in Domestic Animals, 2017, 52, 88-92.	1.4	3

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55	Multiple Reaction Monitoring Profiling to Assess Compliance with an Almond Consumption Intervention. Current Developments in Nutrition, 2017, 1, e001545.	0.3	8
56	Abstract A26: Shotgun lipidomics analysis of temozolomide-treated glioblastoma. , 2017, , .		1
57	Breed-specific factors influence embryonic lipid composition: comparison between Jersey and Holstein. Reproduction, Fertility and Development, 2016, 28, 1185.	0.4	14
58	Effects of n-6 and n-3 polyunsaturated acid-rich soybean phosphatidylcholine on membrane lipid profile and cryotolerance of human sperm. Fertility and Sterility, 2016, 106, 273-283.e6.	1.0	21
59	Lipid dynamics in zebrafish embryonic development observed by DESI-MS imaging and nanoelectrospray-MS. Molecular BioSystems, 2016, 12, 2069-2079.	2.9	44
60	Chemical profiling of cerebrospinal fluid by multiple reaction monitoring mass spectrometry. Analyst, The, 2016, 141, 5252-5255.	3.5	29
61	Probabilistic Segmentation of Mass Spectrometry (MS) Images Helps Select Important Ions and Characterize Confidence in the Resulting Segments. Molecular and Cellular Proteomics, 2016, 15, 1761-1772.	3.8	54
62	Lipidome signatures in early bovine embryo development. Theriogenology, 2016, 86, 472-484.e1.	2.1	49
63	Effects of long-term dietary supplementation with conjugated linoleic acid on bovine oocyte lipid profile. Reproduction, Fertility and Development, 2016, 28, 1326.	0.4	11
64	Ambient Ionization Mass Spectrometry for Point-of-Care Diagnostics and Other Clinical Measurements. Clinical Chemistry, 2016, 62, 99-110.	3.2	169
65	Genetic influence on the reduction in bovine embryo lipid content by L-carnitine. Reproduction, Fertility and Development, 2016, 28, 1172.	0.4	13
66	PBRM1 Regulates the Expression of Genes Involved in Metabolism and Cell Adhesion in Renal Clear Cell Carcinoma. PLoS ONE, 2016, 11, e0153718.	2.5	72
67	Membrane lipid profile monitored by mass spectrometry detected differences between fresh and vitrified in vitro-produced bovine embryos. Zygote, 2015, 23, 732-741.	1.1	27
68	Follicular fluid lipid fingerprinting from women with PCOS and hyper response during IVF treatment. Journal of Assisted Reproduction and Genetics, 2015, 32, 45-54.	2.5	17
69	Cardinal: an R package for statistical analysis of mass spectrometry-based imaging experiments. Bioinformatics, 2015, 31, 2418-2420.	4.1	203
70	Improved embryonic cryosurvival observed after inÂvitro supplementation with conjugated linoleic acid is related to changes in the membrane lipid profile. Theriogenology, 2015, 84, 127-136.	2.1	24
71	Skin molecule maps using mass spectrometry. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5261-5262.	7.1	16
72	High precision and selectivity for quantitation of enrofloxacin and ciprofloxacin in five chicken tissues using solid phase extraction and ESI LC-MS/MS for application in monitoring residues. Analytical Methods, 2015, 7, 3291-3297.	2.7	10

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73	Ambient ionisation mass spectrometry for lipid profiling and structural analysis of mammalian oocytes, preimplantation embryos and stem cells. Reproduction, Fertility and Development, 2015, 27, 621.	0.4	31
74	Profiles of Steroid Hormones in Canine X-Linked Muscular Dystrophy via Stable Isotope Dilution LC-MS/MS. PLoS ONE, 2015, 10, e0126585.	2.5	8
75	70 INCORPORATING MULTIPLE STAGES OF MASS SPECTROMETRY INTO LIPID PROFILING OF OOCYTES AND PRE-IMPLANTATION EMBRYOS. Reproduction, Fertility and Development, 2015, 27, 128.	0.4	0
76	187 OVARIAN CYCLE LIPID DYNAMICS REVEALED BY DESI-MS IMAGING AND MORPHOLOGICALLY-DRIVEN MULTIVARIATE STATISTICS. Reproduction, Fertility and Development, 2015, 27, 184.	0.4	0
77	Plasma Steroid Dynamics in Late- and Near-term Naturally and Artificially Conceived Bovine Pregnancies as Elucidated by Multihormone High-resolution LC-MS/MS. Endocrinology, 2014, 155, 5011-5023.	2.8	5
78	<scp>MALDI</scp>â€<scp>MS</scp> Lipid Profiles of Oocytes Recovered by Ovum Pickup from <scp>B</scp>os indicus and 1/2 indicus Ã— taurus with High vs Low Oocyte Yields. Reproduction in Domestic Animals, 2014, 49, 711-718.	1.4	15
79	Fiducial Markers for Distribution of Drug and Excipient on Tablet Surfaces by Multimodal Desorption Electrospray Ionizationâ€“Mass Spectrometry (DESIâ€“MS) Imaging. Analytical Letters, 2014, 47, 91-101.	1.8	5
80	Hyaluronidase Alters the Lipid Profile of Cumulus Cells as Detected by MALDIâ€TOF MS and Multivariate Analysis. Lipids, 2014, 49, 957-962.	1.7	3
81	Lipid characterization of individual porcine oocytes by dual mode DESI-MS and data fusion. Analytica Chimica Acta, 2014, 848, 51-60.	5.4	55
82	Identification of Corynebacterium spp. isolated from bovine intramammary infections by matrix-assisted laser desorption ionization-time of flight mass spectrometry. Veterinary Microbiology, 2014, 173, 147-151.	1.9	43
83	2 SPECIFIC FATTY ACID FOLLOW-UP REVEALS RUMEN-PROTECTED FAT SUPPLEMENTATION EFFECTS ON BOVINE OOCYTE QUALITY AND EMBRYO DEVELOPMENT. Reproduction, Fertility and Development, 2014, 26, 115.	0.4	2
84	Comparison of Synthetic Oviductal Fluid and G1/G2 Medium under Lowâ€1 Oxygen Atmosphere on Embryo Production and Pregnancy Rates in Nelore (Bos indicus) Cattle. Reproduction in Domestic Animals, 2013, 48, e7-9.	1.4	6
85	Differential seminal plasma proteome according to semen retrieval in men with spinal cord injury. Fertility and Sterility, 2013, 100, 959-969.e3.	1.0	27
86	Cryosurvival and pregnancy rates after exposure of IVF-derived BosÂindicus embryos to forskolin before vitrification. Theriogenology, 2013, 80, 372-377.	2.1	52
87	Optimal singleâ€embryo mass spectrometry fingerprinting. Journal of Mass Spectrometry, 2013, 48, 844-849.	1.6	36
88	Microorganisms in cryopreserved semen and culture media used in the inÂvitro production (IVP) of bovine embryos identified by matrix-assisted laser desorption ionization mass spectrometry (MALDI-MS). Theriogenology, 2013, 80, 337-345.	2.1	20
89	Assessing melatonin and its oxidative metabolites amounts in biological fluid and culture medium by liquid chromatography electrospray ionization tandem mass spectrometry (LCâ€“ESI-MS/MS). Analytical Methods, 2013, 5, 6911.	2.7	6
90	Lipid profiling of follicular fluid from women undergoing IVF: Young poor ovarian responders versus normal responders. Human Fertility, 2013, 16, 269-277.	1.7	30

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91	Bacterial identification: from the agar plate to the mass spectrometer. RSC Advances, 2013, 3, 994-1008.	3.6	54
92	Prediction of embryo implantation potential by mass spectrometry fingerprinting of the culture medium. Reproduction, 2013, 145, 453-462.	2.6	50
93	Desorption Electrospray Ionization Mass Spectrometry Reveals Lipid Metabolism of Individual Oocytes and Embryos. PLoS ONE, 2013, 8, e74981.	2.5	70
94	229 RAPID, UNTARGETED LIPID DETERMINATION IN INDIVIDUAL BOVINE OOCYTES AND PRE-IMPLANTATION EMBRYOS BY HIGH-RESOLUTION DESORPTION ELECTROSPRAY IONIZATION MASS SPECTROMETRY. Reproduction, Fertility and Development, 2013, 25, 262.	0.4	2
95	291 THE USE OF THE DYNAMIC IMPACT APPROACH AND DESORPTION ELECTROSPRAY IONIZATION - MASS SPECTROSCOPY TO ANALYZE ADIPOGENESIS IN PORCINE ADIPOSE-DERIVED STEM CELLS. Reproduction, Fertility and Development, 2013, 25, 293.	0.4	1
96	164 RAPID IDENTIFICATION OF BACTERIA IN BOVINE SEMEN BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY. Reproduction, Fertility and Development, 2013, 25, 230.	0.4	0
97	Phosphatidylcholine and Sphingomyelin Profiles Vary in Bos taurus indicus and Bos taurus taurus In Vitro- and In Vivo-Produced Blastocysts1. Biology of Reproduction, 2012, 87, 130.	2.7	98
98	The follicular microenviroment as a predictor of pregnancy: MALDI-TOF MS lipid profile in cumulus cells. Journal of Assisted Reproduction and Genetics, 2012, 29, 1289-1297.	2.5	30
99	Intact triacylglycerol profiles of fats and meats via thermal imprinting easy ambient sonic-spray ionization mass spectrometry. Analytical Methods, 2012, 4, 3551.	2.7	26
100	Single nucleotide polymorphisms in the bovine genome are associated with the number of oocytes collected during ovum pick up. Animal Reproduction Science, 2012, 134, 141-149.	1.5	13
101	Chemical Composition of Lipids Present in Cat and Dog Oocyte by Matrixâ€Assisted Desorption Ionization Mass Spectrometry (<scp>MALDI</scp>â€•<scp>MS</scp>). Reproduction in Domestic Animals, 2012, 47, 113-117.	1.4	42
102	Developmental phases of individual mouse preimplantation embryos characterized by lipid signatures using desorption electrospray ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 2915-2926.	3.7	54
103	Nonculture‐based identification of bacteria in milk by protein fingerprinting. Proteomics, 2012, 12, 2739-2745.	2.2	26
104	Improved spatial resolution in the imaging of biological tissue using desorption electrospray ionization. Analytical and Bioanalytical Chemistry, 2012, 404, 389-398.	3.7	126
105	Single oocyte and single embryo lipid analysis by desorption electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 29-33.	1.6	51
106	39 LIPID FINGERPRINTING OF INDIVIDUAL BOVINE BLASTOCYSTS BY DESORPTION IONIZATION ELECTROSPRAY MASS SPECTROMETRY. Reproduction, Fertility and Development, 2012, 24, 132.	0.4	4
107	65 THREE-DIMENSIONAL CHEMICAL IMAGING OF A WHOLE PIG FETUS BY DESORPTION ELECTROSPRAY IONIZATION MASS SPECTROMETRY. Reproduction, Fertility and Development, 2012, 24, 144.	0.4	4
108	SESSION 02: EMBRYOLOGY - BIOMARKERS. Human Reproduction, 2012, 27, ii1-ii3.	0.9	1

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109	101 LIPID FINGERPRINTING OF OOCYTES AND PRE-IMPLANTATION MOUSE EMBRYOS BY DESORPTION ELECTROSPRAY IONIZATION MASS SPECTROMETRY. Reproduction, Fertility and Development, 2012, 24, 163.	0.4	2
110	SESSION 15: PARAMEDICAL - LABORATORY. Human Reproduction, 2012, 27, ii20-ii22.	0.9	0
111	Desorption Electrospray Ionization then MALDI Mass Spectrometry Imaging of Lipid and Protein Distributions in Single Tissue Sections. Analytical Chemistry, 2011, 83, 8366-8371.	6.5	142
112	Culture media chemical profiling by ESI-Q-ToF mass spectrometry to predict embryo implantation potential. Fertility and Sterility, 2011, 96, S244-S245.	1.0	1
113	Desorption electrospray ionization mass spectrometry for lipid characterization and biological tissue imaging. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 946-960.	2.4	210
114	Ovum pick up, in vitro embryo production, and pregnancy rates from a large-scale commercial program using Nelore cattle (Bos indicus) donors. Theriogenology, 2011, 75, 1640-1646.	2.1	118
115	LC-MS/MS quantitation of plasma progesterone in cattle. Theriogenology, 2011, 76, 1266-1274.e2.	2.1	10
116	Ooplast-mediated developmental rescue of bovine oocytes exposed to ethidium bromide. Reproductive BioMedicine Online, 2011, 22, 172-183.	2.4	32
117	The effects of ovalbumin as a protein source during the in vitro production of bovine embryos. Revista Brasileira De Zootecnia, 2011, 40, 2135-2141.	0.8	6
118	Secretome of the preimplantation human embryo by bottom-up label-free proteomics. Analytical and Bioanalytical Chemistry, 2011, 401, 1331-9.	3.7	53
119	Nondestructive, Histologically Compatible Tissue Imaging by Desorption Electrospray Ionization Mass Spectrometry. ChemBioChem, 2011, 12, 2129-2132.	2.6	125
120	MSn of the six isomers of (GlcN)2(GlcNAc)2 aminoglucan tetrasaccharides (diacetylchitotetraoses): Rules of fragmentation for the sodiated molecules and application to sequence analysis of hetero-chitooligosaccharides. Carbohydrate Polymers, 2011, 84, 713-726.	10.2	18
121	111 SINGLE EQUINE EMBRYO LIPID FINGERPRINTING BY MASS SPECTROMETRY. Reproduction, Fertility and Development, 2011, 23, 160.	0.4	2
122	Embryo Mitochondrial DNA Depletion Is Reversed During Early Embryogenesis in Cattle1. Biology of Reproduction, 2010, 82, 76-85.	2.7	58
123	Effect of endometriosis on the protein expression pattern of follicular fluid from patients submitted to controlled ovarian hyperstimulation for in vitro fertilization. Human Reproduction, 2010, 25, 1755-1766.	0.9	17
124	Pronounced Segregation of Donor Mitochondria Introduced by Bovine Ooplasmic Transfer to the Female Germ-Line1. Biology of Reproduction, 2010, 82, 563-571.	2.7	43
125	Xenooplasmic Transfer between Buffalo and Bovine Enables Development of Homoplasmic Offspring. Cellular Reprogramming, 2010, 12, 231-236.	0.9	10
126	Quantitative shotgun proteomic analysis of seminal plasma from men with spinal cord injury-induced anejaculation. Fertility and Sterility, 2010, 94, S62.	1.0	0

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127	Large-scale in vitro embryo production and pregnancy rates from Bos taurus, Bos indicus, and indicus-taurus dairy cows using sexed sperm. Theriogenology, 2010, 74, 1349-1355.	2.1	130
128	Short communication: Identification of subclinical cow mastitis pathogens in milk by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Dairy Science, 2010, 93, 5661-5667.	3.4	79
129	Single embryo and oocyte lipid fingerprinting by mass spectrometry. Journal of Lipid Research, 2010, 51, 1218-1227.	4.2	109
130	113 EVALUATION OF DIFFERENT CRYOPROTECTANT AND FORSKOLIN IN THE CULTURE MEDIUM FOR IMPROVING THE EFFICACY OF VITRIFICATION OF BOS INDICUS IN VITRO-DERIVED EMBRYOS. Reproduction, Fertility and Development, 2010, 22, 215.	0.4	2
131	179 COMPARISON OF OOCYTE AND EMBRYO PRODUCTION AMONG BOS TAURUS, BOS INDICUS, AND INDICUS-TAURUS DONOR COWS. Reproduction, Fertility and Development, 2010, 22, 248.	0.4	1
132	265 MATRIX-ASSISTED LASER DESORPTION IONIZATION MASS SPECTROMETRY (MALDI-MS) CHARACTERIZATION OF SPERM LIPID PROFILES OF BULLS WITH DIFFERENT CAPACITIES OF EMBRYO IN VITRO PRODUCTION. Reproduction, Fertility and Development, 2010, 22, 289.	0.4	0
133	Mass spectrometry fingerprinting of media used for in vitro production of bovine embryos. Rapid Communications in Mass Spectrometry, 2009, 23, 1313-1320.	1.5	17
134	Karyoplast exchange between strontium- and 6-DMAP-parthenogenetically activated zygotes of cattle. Animal Reproduction Science, 2009, 116, 381-385.	1.5	0
135	Demecolcine Effects on Microtubule Kinetics and on Chemically Assisted Enucleation of Bovine Oocytes. Cloning and Stem Cells, 2009, 11, 141-152.	2.6	14
136	Imprinted gene expression in in vivo- and in vitro-produced bovine embryos and chorio-allantoic membranes. Genetics and Molecular Research, 2009, 8, 76-85.	0.2	26
137	Characterization of mitochondrial genotypes in the foundation herd of the Canchim beef cattle breed. Genetics and Molecular Research, 2009, 8, 261-267.	0.2	3
138	53 EFFECTS OF DEMECOLCINE ON MICROTUBULE COMPOSITION AND CHEMICALLY ASSISTED ENUCLEATION OF BOVINE OOCYTES. Reproduction, Fertility and Development, 2008, 20, 107.	0.4	0
139	187 IMPRINTED GENE EXPRESSION IN IN VIVO-AND IN VITRO-PRODUCED BOVINE FETUSES AND PLACENTAS. Reproduction, Fertility and Development, 2008, 20, 173.	0.4	0
140	Parthenogenetic activation of bovine oocytes using single and combined strontium, ionomycin and 6-dimethylaminopurine treatments. Zygote, 2007, 15, 295-306.	1.1	26
141	The Kinetics of Donor Cell mtDNA in Embryonic and Somatic Donor Cell-Derived Bovine Embryos. Cloning and Stem Cells, 2007, 9, 618-629.	2.6	20
142	Use of strontium in the activation of bovine oocytes reconstructed by somatic cell nuclear transfer. Zygote, 2005, 13, 295-302.	1.1	22