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	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
2	Cardinal: an R package for statistical analysis of mass spectrometry-based imaging experiments. Bioinformatics, 2015, 31, 2418-2420.	4.1	203
3	Ambient Ionization Mass Spectrometry for Point-of-Care Diagnostics and Other Clinical Measurements. Clinical Chemistry, 2016, 62, 99-110.	3.2	169
4	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
5	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
6	Improved spatial resolution in the imaging of biological tissue using desorption electrospray ionization. Analytical and Bioanalytical Chemistry, 2012, 404, 389-398.	3.7	126
7	Nondestructive, Histologically Compatible Tissue Imaging by Desorption Electrospray Ionization Mass Spectrometry. ChemBioChem, 2011, 12, 2129-2132.	2.6	125
8	High throughput reaction screening using desorption electrospray ionization mass spectrometry. Chemical Science, 2018, 9, 1647-1653.	7.4	124
9	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
10	Single embryo and oocyte lipid fingerprinting by mass spectrometry. Journal of Lipid Research, 2010, 51, 1218-1227.	4.2	109
11	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
12	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
13	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
14	Desorption Electrospray Ionization Mass Spectrometry Reveals Lipid Metabolism of Individual Oocytes and Embryos. PLoS ONE, 2013, 8, e74981.	2.5	70
15	Embryo Mitochondrial DNA Depletion Is Reversed During Early Embryogenesis in Cattle1. Biology of Reproduction, 2010, 82, 76-85.	2.7	58
16	Reaction Acceleration in Thin Films with Continuous Product Deposition for Organic Synthesis. Angewandte Chemie - International Edition, 2017, 56, 9386-9390.	13.8	58
17	Lipid characterization of individual porcine oocytes by dual mode DESI-MS and data fusion. Analytica Chimica Acta, 2014, 848, 51-60.	5.4	55
18	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

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19	Bacterial identification: from the agar plate to the mass spectrometer. RSC Advances, 2013, 3, 994-1008.	3.6	54
20	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
21	Secretome of the preimplantation human embryo by bottom-up label-free proteomics. Analytical and Bioanalytical Chemistry, 2011, 401, 1331-9.	3.7	53
22	Cryosurvival and pregnancy rates after exposure of IVF-derived BosÂindicus embryos to forskolin before vitrification. Theriogenology, 2013, 80, 372-377.	2.1	52
23	Single oocyte and single embryo lipid analysis by desorption electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 29-33.	1.6	51
24	Prediction of embryo implantation potential by mass spectrometry fingerprinting of the culture medium. Reproduction, 2013, 145, 453-462.	2.6	50
25	Lipidome signatures in early bovine embryo development. Theriogenology, 2016, 86, 472-484.e1.	2.1	49
26	Rapid On-Demand Synthesis of Lomustine under Continuous Flow Conditions. Organic Process Research and Development, 2019, 23, 334-341.	2.7	45
27	Lipid dynamics in zebrafish embryonic development observed by DESI-MS imaging and nanoelectrospray-MS. Molecular BioSystems, 2016, 12, 2069-2079.	2.9	44
28	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
29	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
30	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
31	Comprehensive lipid profiling of early stage oocytes and embryos by MRM profiling. Journal of Mass Spectrometry, 2018, 53, 1247-1252.	1.6	42
32	Characterization and regulation of extracellular vesicles in the lumen of the ovine uterusâ€. Biology of Reproduction, 2020, 102, 1020-1032.	2.7	38
33	Optimal singleâ€embryo mass spectrometry fingerprinting. Journal of Mass Spectrometry, 2013, 48, 844-849.	1.6	36
34	Ooplast-mediated developmental rescue of bovine oocytes exposed to ethidium bromide. Reproductive BioMedicine Online, 2011, 22, 172-183.	2.4	32
35	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
36	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

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37	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
38	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
39	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
40	Chemical profiling of cerebrospinal fluid by multiple reaction monitoring mass spectrometry. Analyst, The, 2016, 141, 5252-5255.	3.5	29
41	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
42	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
43	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
44	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
45	Parthenogenetic activation of bovine oocytes using single and combined strontium, ionomycin and 6-dimethylaminopurine treatments. Zygote, 2007, 15, 295-306.	1.1	26
46	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
47	Nonculture€based identification of bacteria in milk by protein fingerprinting. Proteomics, 2012, 12, 2739-2745.	2.2	26
48	Profiling of epidermal lipids in a mouse model of dermatitis: Identification of potential biomarkers. PLoS ONE, 2018, 13, e0196595.	2.5	26
49	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
50	High Throughput Experimentation Using DESI-MS to Guide Continuous-Flow Synthesis. Scientific Reports, 2019, 9, 14745.	3.3	26
51	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
52	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
53	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
54	Metabolites and Lipids Associated with Fetal Swine Anatomy via Desorption Electrospray Ionization â€“ Mass Spectrometry Imaging. Scientific Reports, 2019, 9, 7247.	3.3	24

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55	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
56	Use of strontium in the activation of bovine oocytes reconstructed by somatic cell nuclear transfer. Zygote, 2005, 13, 295-302.	1.1	22
57	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
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	Exacerbation of Nanoparticle-Induced Acute Pulmonary Inflammation in a Mouse Model of Metabolic Syndrome. Frontiers in Immunology, 2020, 11, 818.	4.8	21
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	Rapid identification of bovine mastitis pathogens by MALDI-TOF Mass Spectrometry. Pesquisa Veterinaria Brasileira, 2018, 38, 586-594.	0.5	16
70	Mammalian ovarian lipid distributions by desorption electrospray ionizationâ€“mass spectrometry (DESI-MS) imaging. Analytical and Bioanalytical Chemistry, 2020, 412, 1251-1262.	3.7	16
71	<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
72	Demecolcine Effects on Microtubule Kinetics and on Chemically Assisted Enucleation of Bovine Oocytes. Cloning and Stem Cells, 2009, 11, 141-152.	2.6	14

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73	Breed-specific factors influence embryonic lipid composition: comparison between Jersey and Holstein. Reproduction, Fertility and Development, 2016, 28, 1185.	0.4	14
74	Reaction Acceleration in Thin Films with Continuous Product Deposition for Organic Synthesis. Angewandte Chemie, 2017, 129, 9514-9518.	2.0	14
75	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
76	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
77	Genetic influence on the reduction in bovine embryo lipid content by L-carnitine. Reproduction, Fertility and Development, 2016, 28, 1172.	0.4	13
78	Lipidome profiles of postnatal day 2 vaginal swabs reflect fat composition of giltâ€™s postnatal diet. PLoS ONE, 2019, 14, e0215186.	2.5	12
79	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
80	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
81	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
82	Xenooplasmic Transfer between Buffalo and Bovine Enables Development of Homoplasmic Offspring. Cellular Reprogramming, 2010, 12, 231-236.	0.9	10
83	LC-MS/MS quantitation of plasma progesterone in cattle. Theriogenology, 2011, 76, 1266-1274.e2.	2.1	10
84	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
85	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
86	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
87	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
88	Multiple Reaction Monitoring Profiling to Assess Compliance with an Almond Consumption Intervention. Current Developments in Nutrition, 2017, 1, e001545.	0.3	8
89	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
90	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

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91	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
92	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
93	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
94	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
95	Influence of cAMP modulator supplementation of inÂvitro culture medium on Bos taurus indicus embryos. Theriogenology, 2020, 141, 134-141.	2.1	6
96	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
97	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
98	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
99	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
100	Multiple reaction monitoring profiling as an analytical strategy to investigate lipids in extracellular vesicles. Journal of Mass Spectrometry, 2021, 56, e4681.	1.6	5
101	Proteomic profile of extracellular matrix from native and decellularized chorionic canine placenta. Journal of Proteomics, 2022, 256, 104497.	2.4	5
102	Ambient Lipidomic Analysis of Brain Tissue Using Desorption Electrospray Ionization (DESI) Mass Spectrometry. Neuromethods, 2017, , 187-210.	0.3	4
103	Lipid profile of bovine blastocysts exposed to insulin during in vitro oocyte maturation. Reproduction, Fertility and Development, 2018, 30, 1253.	0.4	4
104	Lipid profiling suggests species specificity and minimal seasonal variation in Pacific Green and Hawksbill Turtle plasma. PLoS ONE, 2021, 16, e0253916.	2.5	4
105	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
106	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
107	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
108	39 LIPID FINGERPRINTING OF INDIVIDUAL BOVINE BLASTOCYSTS BY DESORPTION IONIZATION ELECTROSPRAY MASS SPECTROMETRY. Reproduction, Fertility and Development, 2012, 24, 132.	0.4	4

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	Modulation of Pulmonary Toxicity in Metabolic Syndrome Due to Variations in Iron Oxide Nanoparticle-Biocorona Composition. Nanomaterials, 2022, 12, 2022.	4.1	3
118	Biomarkers predictive of long-term fertility found in vaginal lipidome of gilts at weaning. Journal of Animal Science, 2021, 99, .	0.5	2
119	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
120	111 SINGLE EQUINE EMBRYO LIPID FINGERPRINTING BY MASS SPECTROMETRY. Reproduction, Fertility and Development, 2011, 23, 160.	0.4	2
121	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
122	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
123	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
124	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
125	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
126	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

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127	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
128	SESSION 02: EMBRYOLOGY - BIOMARKERS. Human Reproduction, 2012, 27, ii1-ii3.	0.9	1
129	Abstract A26: Shotgun lipidomics analysis of temozolomide-treated glioblastoma. , 2017, , .		1
130	Karyoplast exchange between strontium- and 6-DMAP-parthenogenetically activated zygotes of cattle. Animal Reproduction Science, 2009, 116, 381-385.	1.5	0
131	Quantitative shotgun proteomic analysis of seminal plasma from men with spinal cord injury-induced anejaculation. Fertility and Sterility, 2010, 94, S62.	1.0	0
132	409 Profiling of epidermal lipids to identify potential biomarkers of atopic dermatitis. Journal of Investigative Dermatology, 2017, 137, S71.	0.7	0
133	Lipidomics of sperm cells of fertile and sub-fertile men by MRM-profiling. Fertility and Sterility, 2018, 110, e303-e304.	1.0	0
134	53 EFFECTS OF DEMECOLCINE ON MICROTUBULE COMPOSITION AND CHEMICALLY ASSISTED ENUCLEATION OF BOVINE OOCYTES. Reproduction, Fertility and Development, 2008, 20, 107.	0.4	0
135	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
136	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
137	SESSION 15: PARAMEDICAL - LABORATORY. Human Reproduction, 2012, 27, ii20-ii22.	0.9	0
138	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
139	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
140	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
141	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
142	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