John J Bromfield

List of Publications by Year
in descending order

52 papers	2,855 citations	218381 26 h-index	205818 48 g-index
55 all docs	55 docs citations	55 times ranked	2926 citing authors

#	Article	IF	Citations
1	Oxysterols Protect Epithelial Cells Against Pore-Forming Toxins. Frontiers in Immunology, 2022, 13, 815775.	2.2	8
2	The endometrial transcriptomic response to pregnancy is altered in cows after uterine infection. PLoS ONE, 2022, 17, e0265062.	1.1	5
3	Culture of endometrial epithelial cells collected by a cytological brush in vivo. JDS Communications, 2022, 3, 217-221.	0.5	3
4	Manipulating bovine granulosa cell energy metabolism limits inflammation. Reproduction, 2021, 161, 499-512.	1.1	6
5	Bovine endometrial cells do not mount an inflammatory response to Leptospira. Reproduction and Fertility, 2021, 2, 187-198.	0.6	4
6	Oxysterols protect bovine endometrial cells against poreâ€forming toxins from pathogenic bacteria. FASEB Journal, 2021, 35, e21889.	0.2	7
7	MILK Symposium review: Identifying constraints, opportunities, and best practices for improving milk production in market-oriented dairy farms in Sri Lanka. Journal of Dairy Science, 2020, 103, 9774-9790.	1.4	4
8	Genes associated with survival of female bovine blastocysts produced in vivo. Cell and Tissue Research, 2020, 382, 665-678.	1.5	13
9	Uterine infusion of bacteria alters the transcriptome of bovine oocytes. FASEB BioAdvances, 2020, 2, 506-520.	1.3	7
10	Experimentally Induced Endometritis Impairs the Developmental Capacity of Bovine Oocytesâ€. Biology of Reproduction, 2020, 103, 508-520.	1.2	18
11	Preventing postpartum uterine disease in dairy cattle depends on avoiding, tolerating and resisting pathogenic bacteria. Theriogenology, 2020, 150, 158-165.	0.9	51
12	Uterine infection alters the transcriptome of the bovine reproductive tract three months later. Reproduction, 2020, 160, 93-107.	1.1	18
13	Inflammatory diseases in dairy cows: Risk factors and associations with pregnancy after embryo transfer. Journal of Dairy Science, 2020, 103, 11970-11987.	1.4	12
14	GenomeForest: An Ensemble Machine Learning Classifier for Endometriosis. AMIA Summits on Translational Science Proceedings, 2020, 2020, 33-42.	0.4	3
15	Machine Learning Classifiers for Endometriosis Using Transcriptomics and Methylomics Data. Frontiers in Genetics, 2019, 10, 766.	1.1	32
16	An expansin-like protein expands forage cell walls and synergistically increases hydrolysis, digestibility and fermentation of livestock feeds by fibrolytic enzymes. PLoS ONE, 2019, 14, e0224381.	1.1	10
17	Lipopolysaccharide and tumor necrosis factorâ€alpha alter gene expression of oocytes and cumulus cells during bovine in vitro maturation. Molecular Reproduction and Development, 2019, 86, 1909-1920.	1.0	9
18	A model of clinical endometritis in Holstein heifers using pathogenic Escherichia coli and Trueperella pyogenes. Journal of Dairy Science, 2019, 102, 2686-2697.	1.4	37

#	Article	IF	Citations
19	Tolerance and Innate Immunity Shape the Development of Postpartum Uterine Disease and the Impact of Endometritis in Dairy Cattle. Annual Review of Animal Biosciences, 2019, 7, 361-384.	3.6	119
20	Seminal plasma modulates expression of endometrial inflammatory meditators in the bovineâ€. Biology of Reproduction, 2019, 100, 660-671.	1.2	33
21	Persistent effects on bovine granulosa cell transcriptome after resolution of uterine disease. Reproduction, 2019, 158, 35-46.	1.1	28
22	Effect of seminal plasma or transforming growth factor on bovine endometrial cells. Reproduction, 2019, 158, 529-541.	1.1	6
23	The Consequence of Postpartum Uterine Disease on Dairy Cow Fertility. Edis, 2019, 2019, .	0.0	3
24	Characterisation of peripheral blood mononuclear cell populations in periparturient dairy cows that develop metritis. Veterinary Immunology and Immunopathology, 2018, 200, 69-75.	0.5	9
25	Paternal priming of maternal tissues to optimise pregnancy success. Reproduction, Fertility and Development, 2018, 30, 50.	0.1	4
26	Corrigendum to: Paternal priming of maternal tissues to optimise pregnancy success. Reproduction, Fertility and Development, 2018, 30, 415.	0.1	0
27	Seminal Vesicle Glandâ€"Overview. , 2018, , 341-343.		4
28	Evaluating lipopolysaccharide-induced oxidative stress in bovine granulosa cells. Journal of Assisted Reproduction and Genetics, 2017, 34, 1619-1626.	1.2	12
29	A multi-omics informatics approach for identifying molecular mechanisms and biomarkers in clinical patients with endometriosis. , 2017, , .		2
30	A role for seminal plasma in modulating pregnancy outcomes in domestic species. Reproduction, 2016, 152, R223-R232.	1.1	82
31	Adverse Reproductive and Developmental Health Outcomes Following Prenatal Exposure to a Hydraulic Fracturing Chemical Mixture in Female C57Bl/6 Mice. Endocrinology, 2016, 157, 3469-3481.	1.4	39
32	Human granulosaâ€"luteal cells initiate an innate immune response to pathogen-associated molecules. Reproduction, 2016, 152, 261-270.	1.1	13
33	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Uterine infection: Linking infection and innate immunity with infertility in the high-producing dairy cow1,2. Journal of Animal Science, 2015, 93, 2021-2033.	0.2	93
34	Maternal tract factors contribute to paternal seminal fluid impact on metabolic phenotype in offspring. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2200-2205.	3.3	299
35	Seminal fluid and reproduction: much more than previously thought. Journal of Assisted Reproduction and Genetics, 2014, 31, 627-636.	1.2	112
36	Innate immunity and inflammation of the bovine female reproductive tract in health and disease. Reproduction, 2014, 148, R41-R51.	1.1	115

#	Article	IF	Citations
37	Bisphenol A: A Model Endocrine Disrupting Chemical With a New Potential Mechanism of Action. Endocrinology, 2013, 154, 1962-1964.	1.4	37
38	Pathogen-Associated Molecular Patterns Initiate Inflammation and Perturb the Endocrine Function of Bovine Granulosa Cells From Ovarian Dominant Follicles via TLR2 and TLR4 Pathways. Endocrinology, 2013, 154, 3377-3386.	1.4	97
39	Lipopolysaccharide Reduces the Primordial Follicle Pool in the Bovine Ovarian Cortex Ex Vivo and in the Murine Ovary In Vivo1. Biology of Reproduction, 2013, 88, 98.	1.2	98
40	Seminal Fluid Regulates Accumulation of FOXP3+ Regulatory T Cells in the Preimplantation Mouse Uterus Through Expanding the FOXP3+ Cell Pool and CCL19-Mediated Recruitment1. Biology of Reproduction, 2011, 85, 397-408.	1.2	172
41	Innate Immunity in the Human Endometrium and Ovary. American Journal of Reproductive Immunology, 2011, 66, 63-71.	1.2	48
42	Lipopolysaccharide Initiates Inflammation in Bovine Granulosa Cells via the TLR4 Pathway and Perturbs Oocyte Meiotic Progression in Vitro. Endocrinology, 2011, 152, 5029-5040.	1.4	146
43	Specific Strains of Escherichia coli Are Pathogenic for the Endometrium of Cattle and Cause Pelvic Inflammatory Disease in Cattle and Mice. PLoS ONE, 2010, 5, e9192.	1.1	224
44	Activin promotes follicular integrity and oogenesis in cultured pre-antral bovine follicles. Molecular Human Reproduction, 2010, 16, 644-653.	1.3	89
45	Comparative analysis of the metaphase II spindle of human oocytes through polarized light and high-performance confocal microscopy. Fertility and Sterility, 2010, 93, 2056-2064.	0.5	56
46	Seminal Fluid Drives Expansion of the CD4+CD25+ T Regulatory Cell Pool and Induces Tolerance to Paternal Alloantigens in Mice1. Biology of Reproduction, 2009, 80, 1036-1045.	1.2	307
47	Meiotic spindle dynamics in human oocytes following slow-cooling cryopreservation. Human Reproduction, 2009, 24, 2114-2123.	0.4	98
48	In Vitro Maturation of Mammalian Oocytes. , 2009, , 215-222.		0
49	Epigenetic regulation during mammalian oogenesis. Reproduction, Fertility and Development, 2008, 20, 74.	0.1	30
50	Actions of Seminal Plasma Cytokines in Priming Female Reproductive Tract Receptivity for Embryo Implantation. , 2006, , 148-158.		1
51	Semen activates the female immune response during early pregnancy in mice. Immunology, 2004, 112, 290-300.	2.0	104
52	Seminal â€˜primingâ€™ for protection from pre-eclampsiaâ€”a unifying hypothesis. Journal of Reproductive Immunology, 2003, 59, 253-265.	0.8	125