

John J Bromfield

List of Publications by Year in descending order

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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	Seminal Fluid Drives Expansion of the CD4+CD25+ T Regulatory Cell Pool and Induces Tolerance to Paternal Alloantigens in Mice1. <i>Biology of Reproduction</i> , 2009, 80, 1036-1045.	1.2	307
2	Maternal tract factors contribute to paternal seminal fluid impact on metabolic phenotype in offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2200-2205.	3.3	299
3	Specific Strains of <i>Escherichia coli</i> Are Pathogenic for the Endometrium of Cattle and Cause Pelvic Inflammatory Disease in Cattle and Mice. <i>PLoS ONE</i> , 2010, 5, e9192.	1.1	224
4	Seminal Fluid Regulates Accumulation of FOXP3+ Regulatory T Cells in the Preimplantation Mouse Uterus Through Expanding the FOXP3+ Cell Pool and CCL19-Mediated Recruitment1. <i>Biology of Reproduction</i> , 2011, 85, 397-408.	1.2	172
5	Lipopolysaccharide Initiates Inflammation in Bovine Granulosa Cells via the TLR4 Pathway and Perturbs Oocyte Meiotic Progression in Vitro. <i>Endocrinology</i> , 2011, 152, 5029-5040.	1.4	146
6	Seminal "priming"™ for protection from pre-eclampsia—a unifying hypothesis. <i>Journal of Reproductive Immunology</i> , 2003, 59, 253-265.	0.8	125
7	Tolerance and Innate Immunity Shape the Development of Postpartum Uterine Disease and the Impact of Endometritis in Dairy Cattle. <i>Annual Review of Animal Biosciences</i> , 2019, 7, 361-384.	3.6	119
8	Innate immunity and inflammation of the bovine female reproductive tract in health and disease. <i>Reproduction</i> , 2014, 148, R41-R51.	1.1	115
9	Seminal fluid and reproduction: much more than previously thought. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 627-636.	1.2	112
10	Semen activates the female immune response during early pregnancy in mice. <i>Immunology</i> , 2004, 112, 290-300.	2.0	104
11	Meiotic spindle dynamics in human oocytes following slow-cooling cryopreservation. <i>Human Reproduction</i> , 2009, 24, 2114-2123.	0.4	98
12	Lipopolysaccharide Reduces the Primordial Follicle Pool in the Bovine Ovarian Cortex Ex Vivo and in the Murine Ovary In Vivo1. <i>Biology of Reproduction</i> , 2013, 88, 98.	1.2	98
13	Pathogen-Associated Molecular Patterns Initiate Inflammation and Perturb the Endocrine Function of Bovine Granulosa Cells From Ovarian Dominant Follicles via TLR2 and TLR4 Pathways. <i>Endocrinology</i> , 2013, 154, 3377-3386.	1.4	97
14	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Uterine infection: Linking infection and innate immunity with infertility in the high-producing dairy cow1,2. <i>Journal of Animal Science</i> , 2015, 93, 2021-2033.	0.2	93
15	Activin promotes follicular integrity and oogenesis in cultured pre-antral bovine follicles. <i>Molecular Human Reproduction</i> , 2010, 16, 644-653.	1.3	89
16	A role for seminal plasma in modulating pregnancy outcomes in domestic species. <i>Reproduction</i> , 2016, 152, R223-R232.	1.1	82
17	Comparative analysis of the metaphase II spindle of human oocytes through polarized light and high-performance confocal microscopy. <i>Fertility and Sterility</i> , 2010, 93, 2056-2064.	0.5	56
18	Preventing postpartum uterine disease in dairy cattle depends on avoiding, tolerating and resisting pathogenic bacteria. <i>Theriogenology</i> , 2020, 150, 158-165.	0.9	51

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19	Innate Immunity in the Human Endometrium and Ovary. <i>American Journal of Reproductive Immunology</i> , 2011, 66, 63-71.	1.2	48
20	Adverse Reproductive and Developmental Health Outcomes Following Prenatal Exposure to a Hydraulic Fracturing Chemical Mixture in Female C57Bl/6 Mice. <i>Endocrinology</i> , 2016, 157, 3469-3481.	1.4	39
21	Bisphenol A: A Model Endocrine Disrupting Chemical With a New Potential Mechanism of Action. <i>Endocrinology</i> , 2013, 154, 1962-1964.	1.4	37
22	A model of clinical endometritis in Holstein heifers using pathogenic <i>Escherichia coli</i> and <i>Trueperella pyogenes</i> . <i>Journal of Dairy Science</i> , 2019, 102, 2686-2697.	1.4	37
23	Seminal plasma modulates expression of endometrial inflammatory mediators in the bovine. <i>Biology of Reproduction</i> , 2019, 100, 660-671.	1.2	33
24	Machine Learning Classifiers for Endometriosis Using Transcriptomics and Methylomics Data. <i>Frontiers in Genetics</i> , 2019, 10, 766.	1.1	32
25	Epigenetic regulation during mammalian oogenesis. <i>Reproduction, Fertility and Development</i> , 2008, 20, 74.	0.1	30
26	Persistent effects on bovine granulosa cell transcriptome after resolution of uterine disease. <i>Reproduction</i> , 2019, 158, 35-46.	1.1	28
27	Experimentally Induced Endometritis Impairs the Developmental Capacity of Bovine Oocytes. <i>Biology of Reproduction</i> , 2020, 103, 508-520.	1.2	18
28	Uterine infection alters the transcriptome of the bovine reproductive tract three months later. <i>Reproduction</i> , 2020, 160, 93-107.	1.1	18
29	Human granulosa-luteal cells initiate an innate immune response to pathogen-associated molecules. <i>Reproduction</i> , 2016, 152, 261-270.	1.1	13
30	Genes associated with survival of female bovine blastocysts produced in vivo. <i>Cell and Tissue Research</i> , 2020, 382, 665-678.	1.5	13
31	Evaluating lipopolysaccharide-induced oxidative stress in bovine granulosa cells. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 1619-1626.	1.2	12
32	Inflammatory diseases in dairy cows: Risk factors and associations with pregnancy after embryo transfer. <i>Journal of Dairy Science</i> , 2020, 103, 11970-11987.	1.4	12
33	An expansin-like protein expands forage cell walls and synergistically increases hydrolysis, digestibility and fermentation of livestock feeds by fibrolytic enzymes. <i>PLoS ONE</i> , 2019, 14, e0224381.	1.1	10
34	Characterisation of peripheral blood mononuclear cell populations in periparturient dairy cows that develop metritis. <i>Veterinary Immunology and Immunopathology</i> , 2018, 200, 69-75.	0.5	9
35	Lipopolysaccharide and tumor necrosis factor- α alter gene expression of oocytes and cumulus cells during bovine in vitro maturation. <i>Molecular Reproduction and Development</i> , 2019, 86, 1909-1920.	1.0	9
36	Oxysterols Protect Epithelial Cells Against Pore-Forming Toxins. <i>Frontiers in Immunology</i> , 2022, 13, 815775.	2.2	8

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37	Uterine infusion of bacteria alters the transcriptome of bovine oocytes. <i>FASEB BioAdvances</i> , 2020, 2, 506-520.	1.3	7
38	Oxysterols protect bovine endometrial cells against pore-forming toxins from pathogenic bacteria. <i>FASEB Journal</i> , 2021, 35, e21889.	0.2	7
39	Manipulating bovine granulosa cell energy metabolism limits inflammation. <i>Reproduction</i> , 2021, 161, 499-512.	1.1	6
40	Effect of seminal plasma or transforming growth factor on bovine endometrial cells. <i>Reproduction</i> , 2019, 158, 529-541.	1.1	6
41	The endometrial transcriptomic response to pregnancy is altered in cows after uterine infection. <i>PLoS ONE</i> , 2022, 17, e0265062.	1.1	5
42	Paternal priming of maternal tissues to optimise pregnancy success. <i>Reproduction, Fertility and Development</i> , 2018, 30, 50.	0.1	4
43	Seminal Vesicle Gland Overview. , 2018, , 341-343.		4
44	MILK Symposium review: Identifying constraints, opportunities, and best practices for improving milk production in market-oriented dairy farms in Sri Lanka. <i>Journal of Dairy Science</i> , 2020, 103, 9774-9790.	1.4	4
45	Bovine endometrial cells do not mount an inflammatory response to <i>Leptospira</i> . <i>Reproduction and Fertility</i> , 2021, 2, 187-198.	0.6	4
46	The Consequence of Postpartum Uterine Disease on Dairy Cow Fertility. <i>Edis</i> , 2019, 2019, .	0.0	3
47	GenomeForest: An Ensemble Machine Learning Classifier for Endometriosis. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 33-42.	0.4	3
48	Culture of endometrial epithelial cells collected by a cytological brush in vivo. <i>JDS Communications</i> , 2022, 3, 217-221.	0.5	3
49	A multi-omics informatics approach for identifying molecular mechanisms and biomarkers in clinical patients with endometriosis. , 2017, , .		2
50	Actions of Seminal Plasma Cytokines in Priming Female Reproductive Tract Receptivity for Embryo Implantation. , 2006, , 148-158.		1
51	Corrigendum to: Paternal priming of maternal tissues to optimise pregnancy success. <i>Reproduction, Fertility and Development</i> , 2018, 30, 415.	0.1	0
52	In Vitro Maturation of Mammalian Oocytes. , 2009, , 215-222.		0