Richard G Lea

List of Publications by Year
in descending order

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46 papers	2,384 citations	236612 25 h-index	264894 42 g-index
47 all docs	47 docs citations	47 times ranked	2660 citing authors

#	Article	IF	Citations
1	DNA methylation, insulin resistance, and blood pressure in offspring determined by maternal periconceptional B vitamin and methionine status. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19351-19356.	3.3	707
2	Effect of iron deficiency on placental transfer of iron and expression of iron transport proteins in vivo and in vitro. Biochemical Journal, 2001, 356, 883-889.	1.7	143
3	In utero exposure to low doses of environmental pollutants disrupts fetal ovarian development in sheep. Molecular Human Reproduction, 2008, 14, 269-280.	1.3	105
4	Granulocyte/Macrophage Colony-stimulating Factor (GM-CSF) Gene Expression by Eosinophils in Nasal Polyposis. American Journal of Respiratory Cell and Molecular Biology, 1991, 5, 505-510.	1.4	102
5	Effect of iron deficiency on placental transfer of iron and expression of iron transport proteins in vivo and in vitro. Biochemical Journal, 2001, 356, 883.	1.7	100
6	An investigation of the effects of endometriosis on the proteome of human eutopic endometrium: A heterogeneous tissue with a complex disease. Proteomics, 2007, 7, 130-142.	1.3	94
7	A Subset of Patients With Recurrent Spontaneous Abortion Is Deficient in Transforming Growth Factor Î²â€2â€Producing â€œSuppressor Cellsâ€•in Uterine Tissue Near the Placental Attachment Site. American Journal of Reproductive Immunology, 1995, 34, 52-64.	1.2	81
8	Ontogeny of the expression of leptin and its receptor in themurine fetus and placenta. British Journal of Nutrition, 2000, 83, 317-326.	1.2	81
9	Immunoendocrine aspects of endometrial function and implantation. Reproduction, 2007, 134, 389-404.	1.1	71
10	Effect of Iron Deficiency on Placental Cytokine Expression and Fetal Growth in the Pregnant Rat1. Biology of Reproduction, 2002, 66, 516-523.	1.2	68
11	Immunohistochemical evidence for an endocrine/paracrine role for ghrelin in the reproductive tissues of sheep. Reproductive Biology and Endocrinology, 2005, 3, 60.	1.4	65
12	Maternal Smoking during Pregnancy Specifically Reduces Human Fetal Desert Hedgehog Gene Expression during Testis Development. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 619-626.	1.8	59
13	3 Macrophages and migratory cells in endometrium relevant to implantation. Bailliere's Clinical Obstetrics and Gynaecology, 1991, 5, 25-59.	0.6	57
14	Effects of omega-3 and -6 polyunsaturated fatty acids on ovine follicular cell steroidogenesis, embryo development and molecular markers of fatty acid metabolism. Reproduction, 2011, 141, 105-118.	1.1	54
15	Gene Expression Analysis of Human Fetal Ovarian Primordial Follicle Formation. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1427-1435.	1.8	51
16	Independent and combined effects of diethylhexyl phthalate and polychlorinated biphenyl 153 on sperm quality in the human and dog. Scientific Reports, 2019, 9, 3409.	1.6	45
17	Human fetal testis Leydig cell disruption by exposure to the pesticide dieldrin at low concentrations. Human Reproduction, 2007, 22, 2919-2927.	0.4	44
18	The expression of ovine placental lactogen, StAR and progesterone-associated steroidogenic enzymes in placentae of overnourished growing adolescent ewes. Reproduction, 2007, 133, 785-796.	1.1	37

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19	Human Fetal Testis: Second Trimester Proliferative and Steroidogenic Capacities1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4812-4817.	1.8	36
20	Novel aspects of endometrial function: a biological sensor of embryo quality and driver of pregnancy success. Reproduction, Fertility and Development, 2012, 24, 68.	0.1	36
21	An immunohistochemical study of the localization and developmental expression of ghrelin and its functional receptor in the ovine placenta. Reproductive Biology and Endocrinology, 2007, 5, 25.	1.4	35
22	Environmental chemicals impact dog semen quality in vitro and may be associated with a temporal decline in sperm motility and increased cryptorchidism. Scientific Reports, 2016, 6, 31281.	1.6	34
23	Human Fetal Testis: Second Trimester Proliferative and Steroidogenic Capacities. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4812-4817.	1.8	33
24	The fetal ovary exhibits temporal sensitivity to a â€˜real-lifeâ€™ mixture of environmental chemicals. Scientific Reports, 2016, 6, 22279.	1.6	31
25	Developmental Indices of Nutritionally Induced Placental Growth Restriction in the Adolescent Sheep. Pediatric Research, 2005, 57, 599-604.	1.1	27
26	Ovine corpus luteum proteins, with functions including oxidative stress and lipid metabolism, show complex alterations during implantation. Journal of Endocrinology, 2011, 210, 47-58.	1.2	27
27	Effects of Decidual Cell Supernatants and Lymphokines on Murine Trophoblast Growth in Vitro1. Biology of Reproduction, 1993, 48, 930-935.	1.2	23
28	The immunology of pregnancy. Current Opinion in Infectious Diseases, 1997, 10, 171-176.	1.3	21
29	Tumor Necrosis Factorâ€Î± mRNAâ€Positive Cells in Spontaneous Resorption in Rodents. American Journal of Reproductive Immunology, 1998, 39, 50-57.	1.2	16
30	Vitamin A Deficiency During Rat Pregnancy Alters Placental TNF-alpha Signalling and Apoptosis. American Journal of Reproductive Immunology, 2002, 47, 151-158.	1.2	16
31	Identification of low molecular weight immunosuppressor molecules in human in vitro fertilization supernatants predictive of implantation as a polyamineâ€”possibly spermine. Fertility and Sterility, 1990, 53, 875-881.	0.5	13
32	The ovarian follicle of ruminants: the path from conceptus to adult. Reproduction, Fertility and Development, 2021, 33, 621-642.	0.1	12
33	The effect of horse placental tissue extracts and equine chorionic gonadotrophin on the proliferation of horse lymphocytes stimulated in vitro. Journal of Reproductive Immunology, 1991, 19, 13-23.	0.8	11
34	Maternal undernutrition does not alter Sertoli cell numbers or the expression of key developmental markers in the mid-gestation ovine fetal testis. Journal of Negative Results in BioMedicine, 2013, 12, 2.	1.4	9
35	Environmental chemicals in dog testes reflect their geographical source and may be associated with altered pathology. Scientific Reports, 2021, 11, 7361.	1.6	7
36	5 The immune function of the endometrium. Bailliere's Clinical Obstetrics and Gynaecology, 1989, 3, 293-313.	0.6	6

#	Article	IF	Citations
37	Ovine fetal testis stage-specific sensitivity to environmental chemical mixtures. Reproduction, 2022, 163, 119-131.	1.1	6
38	Developmental exposure to real-life environmental chemical mixture programs a testicular dysgenesis syndrome-like phenotype in prepubertal lambs. Environmental Toxicology and Pharmacology, 2022, 94, 103913.	2.0	6
39	Equine transcriptome quantification using human GeneChip arrays can be improved using genomic DNA hybridisation and probe selection. Veterinary Journal, 2010, 186, 323-327.	0.6	5
40	Environment and reproductive dysfunction in captive female great apes (Hominidae). Veterinary Record, 2012, 170, 676-676.	0.2	3
41	Scoping review to assess online information available to new dog owners. Veterinary Record, 2022, 190, e1487.	0.2	3
42	Proliferation, Differentiation and Apoptosis in Pregnancy and Cancer. , 2001, , 216-228.		2
43	An immunosuppressive factor from equine placental tissue. Biochemical Society Transactions, 1988, 16, 793-793.	1.6	1
44	Puberty and Seasonality. , 2019, , 54-62.		1
45	Environmental chemical effects on testicular function. Reproductive Medicine Review, 2002, 10, 77-100.	0.3	0
46	Environment and reproductive dysfunction in captive female great apes (Hominidae). Veterinary Record Case Reports, 2013, 1, e100701.	0.1	0