Sarah A Robertson

List of Publications by Year
in descending order

193	14,770	13827 67	21474 114
papers	citations	h-index	g-index

196	196	196	12220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inflammatory processes in preterm and term parturition. Journal of Reproductive Immunology, 2008, 79, 50-57.	0.8	417
2	Regulatory T-cells and immune tolerance in pregnancy: a new target for infertility treatment?. Human Reproduction Update, 2009, 15, 517-535.	5.2	416
3	Seminal plasma and male factor signalling in the female reproductive tract. Cell and Tissue Research, 2005, 322, 43-52.	1.5	377
4	MicroRNA-Regulated Pathways Associated with Endometriosis. Molecular Endocrinology, 2009, 23, 265-275.	3.7	318
5	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
6	Reactive Oxygen Species and Sperm Functionâ€"In Sickness and In Health. Journal of Andrology, 2012, 33, 1096-1106.	2.0	307
7	Seminal Fluid Induces Leukocyte Recruitment and Cytokine and Chemokine mRNA Expression in the Human Cervix after Coitus. Journal of Immunology, 2012, 188, 2445-2454.	0.4	305
8	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
9	Regulatory T cells in embryo implantation and the immune response to pregnancy. Journal of Clinical Investigation, 2018, 128, 4224-4235.	3.9	270
10	Primary unexplained infertility is associated with reduced expression of the T-regulatory cell transcription factor Foxp3 in endometrial tissue. Molecular Human Reproduction, 2006, 12, 301-308.	1.3	268
11	Parenting from before conception. Science, 2014, 345, 756-760.	6.0	244
12	Transforming growth factor Î²â€"a mediator of immune deviation in seminal plasma. Journal of Reproductive Immunology, 2002, 57, 109-128.	0.8	241
13	Seminal plasma differentially regulates inflammatory cytokine gene expression in human cervical and vaginal epithelial cells. Molecular Human Reproduction, 2007, 13, 491-501.	1.3	237
14	The Role of Cytokines in Gestation. Critical Reviews in Immunology, 1994, 14, 239-292.	1.0	234
15	Uterine Epithelial Cells Synthesize Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-6 in Pregnant and Nonpregnant Mice1. Biology of Reproduction, 1992, 46, 1069-1079.	1.2	227
16	Seminal Transforming Growth Factor Î²1, Stimulates Granulocyte-Macrophage Colony-Stimulating Factor Production and Inflammatory Cell Recruitment in the Murine Uterus1. Biology of Reproduction, 1998, 58, 1217-1225.	1.2	221
17	Interleukin-6 in pregnancy and gestational disorders. Journal of Reproductive Immunology, 2012, 95, 1-14.	0.8	219
18	Localization of Leukocyte Subsets in the Rat Ovary during the Periovulatory Period1. Biology of Reproduction, 1993, 48, 277-286.	1.2	214

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19	Cross-Presentation of Male Seminal Fluid Antigens Elicits T Cell Activation to Initiate the Female Immune Response to Pregnancy. Journal of Immunology, 2009, 182, 8080-8093.	0.4	211
20	Interferon-Îµ Protects the Female Reproductive Tract from Viral and Bacterial Infection. Science, 2013, 339, 1088-1092.	6.0	197
21	Granulocyte-Macrophage Colony-Stimulating Factor Alleviates Adverse Consequences of Embryo Culture on Fetal Growth Trajectory and Placental Morphogenesis. Endocrinology, 2005, 146, 2142-2153.	1.4	194
22	The effect of intercourse on pregnancy rates during assisted human reproduction. Human Reproduction, 2000, 15, 2653-2658.	0.4	192
23	Macrophages regulate corpus luteum development during embryo implantation in mice. Journal of Clinical Investigation, 2013, 123, 3472-3487.	3.9	184
24	Essential Role for IL-10 in Resistance to Lipopolysaccharide-Induced Preterm Labor in Mice. Journal of Immunology, 2006, 177, 4888-4896.	0.4	182
25	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
26	Ambient air pollution and thrombosis. Particle and Fibre Toxicology, 2018, 15, 1.	2.8	168
27	Granulocyte-Macrophage Colony-Stimulating Factor Promotes Glucose Transport and Blastomere Viability in Murine Preimplantation Embryos1. Biology of Reproduction, 2001, 64, 1206-1215.	1.2	165
28	Activating T regulatory cells for tolerance in early pregnancy â€" the contribution of seminal fluid. Journal of Reproductive Immunology, 2009, 83, 109-116.	0.8	164
29	TGF-Î² Mediates Proinflammatory Seminal Fluid Signaling in Human Cervical Epithelial Cells. Journal of Immunology, 2012, 189, 1024-1035.	0.4	157
30	Seminal fluid and fertility in women. Fertility and Sterility, 2016, 106, 511-519.	0.5	156
31	Cytokine Secretion by Macrophages in the Rat Testis1. Biology of Reproduction, 1995, 53, 1407-1416.	1.2	153
32	Cytokineâ€Leukocyte Networks and the Establishment of Pregnancy. American Journal of Reproductive Immunology, 1997, 37, 438-442.	1.2	152
33	The role of semen in induction of maternal immune tolerance to pregnancy. Seminars in Immunology, 2001, 13, 243-254.	2.7	148
34	Seminal Fluid and the Generation of Regulatory T Cells for Embryo Implantation. American Journal of Reproductive Immunology, 2013, 69, 315-330.	1.2	144
35	GM-CSF regulation of embryo development and pregnancy. Cytokine and Growth Factor Reviews, 2007, 18, 287-298.	3.2	142
36	Interleukin 10 Regulates Inflammatory Cytokine Synthesis to Protect Against Lipopolysaccharide-Induced Abortion and Fetal Growth Restriction in Mice1. Biology of Reproduction, 2007, 76, 738-748.	1.2	135

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37	A randomized clinical trial to evaluate the effect of granulocyte-macrophage colony-stimulating factor (GM-CSF) in embryo culture medium for inÂvitro fertilization. Fertility and Sterility, 2013, 99, 1600-1609.e2.	0.5	130
38	Exposures and Health Outcomes in Relation to Bioaerosol Emissions From Composting Facilities: A Systematic Review of Occupational and Community Studies. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2015, 18, 43-69.	2.9	130
39	Seminal â€˜primingâ€™ for protection from pre-eclampsiaâ€”a unifying hypothesis. Journal of Reproductive Immunology, 2003, 59, 253-265.	0.8	125
40	Tumor necrosis factor Î± in the human ovary: presence in follicular fluid and effects on cell proliferation and prostaglandin production. Fertility and Sterility, 1992, 58, 934-940.	0.5	122
41	Rat Ovary Produces Cytokines during Ovulation1. Biology of Reproduction, 1994, 50, 88-94.	1.2	121
42	Defining the actions of transforming growth factor beta in reproduction. BioEssays, 2002, 24, 904-914.	1.2	118
43	Interleukin-6 Is an Essential Determinant of On-Time Parturition in the Mouse. Endocrinology, 2010, 151, 3996-4006.	1.4	114
44	Novel Noncompetitive IL-1 Receptorâ€“Biased Ligand Prevents Infection- and Inflammation-Induced Preterm Birth. Journal of Immunology, 2015, 195, 3402-3415.	0.4	114
45	Uterine macrophages and environmental programming for pregnancy success. Journal of Reproductive Immunology, 1996, 32, 1-25.	0.8	113
46	Immune Cells at the Fetomaternal Interface: How the Microenvironment Modulates Immune Cells To Foster Fetal Development. Journal of Immunology, 2018, 201, 325-334.	0.4	113
47	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) Acts Independently of the Beta Common Subunit of the GM-CSF Receptor to Prevent Inner Cell Mass Apoptosis in Human Embryos1. Biology of Reproduction, 2002, 67, 1817-1823.	1.2	111
48	Immune regulation of conception and embryo implantationâ€”all about quality control?. Journal of Reproductive Immunology, 2010, 85, 51-57.	0.8	111
49	Non-coding RNAs in endometriosis: a narrative review. Human Reproduction Update, 2018, 24, 497-515.	5.2	107
50	Immunological determinants of implantation success. International Journal of Developmental Biology, 2014, 58, 205-217.	0.3	106
51	Leukocyte Subpopulations in the Rat Corpus Luteum during Pregnancy and Pseudopregnancy1. Biology of Reproduction, 1994, 50, 1161-1167.	1.2	105
52	Semen activates the female immune response during early pregnancy in mice. Immunology, 2004, 112, 290-300.	2.0	104
53	A systematic review of the public health risks of bioaerosols from intensive farming. International Journal of Hygiene and Environmental Health, 2018, 221, 134-173.	2.1	104
54	Epigenetic risks related to assisted reproductive technologies: Short- and long-term consequences for the health of children conceived through assisted reproduction technology: more reason for caution?. Human Reproduction, 2002, 17, 2783-2786.	0.4	103

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55	Antenatal Suppression of IL-1 Protects against Inflammation-Induced Fetal Injury and Improves Neonatal and Developmental Outcomes in Mice. Journal of Immunology, 2017, 198, 2047-2062.	0.4	102
56	The Female Response to Seminal Fluid. Physiological Reviews, 2020, 100, 1077-1117.	13.1	98
57	Stem Cells, Progenitor Cells, and Lineage Decisions in the Ovary. Endocrine Reviews, 2015, 36, 65-91.	8.9	97
58	Reduced expression of IL-6 and IL-1Î± mRNAs in secretory phase endometrium of women with recurrent miscarriage. Journal of Reproductive Immunology, 2007, 73, 74-84.	0.8	93
59	Corticosteroid therapy in assisted reproduction â€“ immune suppression is a faulty premise. Human Reproduction, 2016, 31, 2164-2173.	0.4	91
60	Reduction in Regulatory T Cells in Early Pregnancy Causes Uterine Artery Dysfunction in Mice. Hypertension, 2018, 72, 177-187.	1.3	88
61	Embryotoxic cytokinesâ€"Potential roles in embryo loss and fetal programming. Journal of Reproductive Immunology, 2018, 125, 80-88.	0.8	83
62	Impaired Thrombin Generation in Î²2-Glycoprotein I Null Mice. Journal of Biological Chemistry, 2001, 276, 13817-13821.	1.6	80
63	Periâ€Conceptual Cytokines â€“ Setting the Trajectory for Embryo Implantation, Pregnancy and Beyond. American Journal of Reproductive Immunology, 2011, 66, 2-10.	1.2	79
64	Effect of Interleukin-10 Null Mutation on Maternal Immune Response and Reproductive Outcome in Mice1. Biology of Reproduction, 2004, 70, 123-131.	1.2	77
65	GM-CSF Is an Essential Regulator of T Cell Activation Competence in Uterine Dendritic Cells during Early Pregnancy in Mice. Journal of Immunology, 2010, 185, 7085-7096.	0.4	77
66	Dual roles for macrophages in ovarian cycle-associated development and remodelling of the mammary gland epithelium. Development (Cambridge), 2010, 137, 4229-4238.	1.2	72
67	TLR4 Signaling Is a Major Mediator of the Female Tract Response to Seminal Fluid in Mice1. Biology of Reproduction, 2015, 93, 68.	1.2	71
68	Null Mutation in Transforming Growth Factor Î²1 Disrupts Ovarian Function and Causes Oocyte Incompetence and Early Embryo Arrest. Endocrinology, 2006, 147, 835-845.	1.4	70
69	Attenuation of microglial and IL-1 signaling protects mice from acute alcohol-induced sedation and/or motor impairment. Brain, Behavior, and Immunity, 2011, 25, S155-S164.	2.0	69
70	Reduction of ovulation rate in the rat by administration of a neutrophil-depleting monoclonal antibody. Journal of Reproductive Immunology, 1995, 29, 265-270.	0.8	68
71	Leptin and Leptin Receptor Expression in the Rat Ovary. Endocrinology, 2003, 144, 5006-5013.	1.4	66
72	Host-Derived TGFB1 Deficiency Suppresses Lesion Development in a Mouse Model of Endometriosis. American Journal of Pathology, 2012, 180, 880-887.	1.9	66

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73	Fertility-related knowledge and information-seeking behaviour among people of reproductive age: a qualitative study. Human Fertility, 2017, 20, 88-95.	0.7	64
74	Drug delivery to the human and mouse uterus using immunoliposomes targeted to the oxytocin receptor. American Journal of Obstetrics and Gynecology, 2017, 216, 283.e1-283.e14.	0.7	64
75	Bioaerosol exposure from composting facilities and health outcomes in workers and in the community: A systematic review update. International Journal of Hygiene and Environmental Health, 2019, 222, 364-386.	2.1	63
76	CCL2-driven inflammation increases mammary gland stromal density and cancer susceptibility in a transgenic mouse model. Breast Cancer Research, 2017, 19, 4.	2.2	61
77	Seminal Fluid Signalling in the Female Reproductive Tract: Implications for Reproductive Success and Offspring Health. Advances in Experimental Medicine and Biology, 2015, 868, 127-158.	0.8	59
78	Lymphokines, Including Interleukin-2, Alter Gonadotropin-Stimulated Progesterone Production and Proliferation of Human Granulosa-Luteal Cellsin Vitro*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 824-831.	1.8	56
79	Transforming Growth Factor-Î²1 Null Mutation Causes Infertility in Male Mice Associated with Testosterone Deficiency and Sexual Dysfunction. Endocrinology, 2007, 148, 4032-4043.	1.4	56
80	Stress response genes are suppressed in mouse preimplantation embryos by granulocyte-macrophage colony-stimulating factor (GM-CSF). Human Reproduction, 2009, 24, 2997-3009.	0.4	56
81	The essential roles of TGFB1 in reproduction. Cytokine and Growth Factor Reviews, 2009, 20, 233-239.	3.2	56
82	Interleukinâ€6 controls uterine Th9 cells and CD8⁺ T regulatory cells to accelerate parturition in mice. Immunology and Cell Biology, 2016, 94, 79-89.	1.0	56
83	Cytokines in rodent reproduction and the cytokine-endocrine interaction. Current Opinion in Immunology, 1992, 4, 585-590.	2.4	55
84	Granulocyte-macrophage colony-stimulating factor (GM-CSF) targets myeloid leukocytes in the uterus during the post-mating inflammatory response in mice. Journal of Reproductive Immunology, 2000, 46, 131-154.	0.8	54
85	Toll-Like Receptor 4 Is an Essential Upstream Regulator of On-Time Parturition and Perinatal Viability in Mice. Endocrinology, 2015, 156, 3828-3841.	1.4	54
86	Novel Toll-like receptor-4 antagonist (+)-naloxone protects mice from inflammation-induced preterm birth. Scientific Reports, 2016, 6, 36112.	1.6	54
87	Therapeutic Potential of Regulatory T Cells in Preeclampsiaâ€"Opportunities and Challenges. Frontiers in Immunology, 2019, 10, 478.	2.2	54
88	Diversity in Phenotype and Steroid Hormone Dependence in Dendritic Cells and Macrophages in the Mouse Uterus1. Biology of Reproduction, 2004, 70, 1562-1572.	1.2	52
89	Csf2 Null Mutation Alters Placental Gene Expression and Trophoblast Glycogen Cell and Giant Cell Abundance in Mice1. Biology of Reproduction, 2009, 81, 207-221.	1.2	52
90	Macrophage-Derived LIF and IL1B Regulate Alpha(1,2)Fucosyltransferase 2 (Fut2) Expression in Mouse Uterine Epithelial Cells During Early Pregnancy1. Biology of Reproduction, 2011, 84, 179-188.	1.2	51

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91	Effect of Â2-glycoprotein I null mutation on reproductive outcome and antiphospholipid antibody-mediated pregnancy pathology in mice. Molecular Human Reproduction, 2004, 10, 409-416.	1.3	45
92	In utero Programming of Allergic Susceptibility. International Archives of Allergy and Immunology, 2016, 169, 80-92.	0.9	45
93	The majority of murine Î³Î´ T cells at the maternalâ€“fetal interface in pregnancy produce ILâ€17. Immunology and Cell Biology, 2016, 94, 623-630.	1.0	44
94	Platelet activation independent of pulmonary inflammation contributes to diesel exhaust particulate-induced promotion of arterial thrombosis. Particle and Fibre Toxicology, 2015, 13, 6.	2.8	43
95	mi<scp>RNA</scp> Regulation of Immune Tolerance in Early Pregnancy. American Journal of Reproductive Immunology, 2016, 75, 272-280.	1.2	43
96	Utilising T cell receptor transgenic mice to define mechanisms of maternal T cell tolerance in pregnancy. Journal of Reproductive Immunology, 2010, 87, 1-13.	0.8	42
97	Macrophages exert homeostatic actions in pregnancy to protect against preterm birth and fetal inflammatory injury. JCI Insight, 2021, 6, .	2.3	42
98	Mammary Gland Development in Transforming Growth Factor Beta1 Null Mutant Mice: Systemic and Epithelial Effects1. Biology of Reproduction, 2008, 79, 711-717.	1.2	40
99	The contribution of red blood cell transfusion to neonatal morbidity and mortality. Journal of Paediatrics and Child Health, 2019, 55, 387-392.	0.4	39
100	Characterization of Ovarian Function in Granulocyte-Macrophage Colony-Stimulating Factor-Deficient Mice1. Biology of Reproduction, 2000, 62, 704-713.	1.2	38
101	Macrophages regulate expression of Â1,2-fucosyltransferase genes in human endometrial epithelial cells. Molecular Human Reproduction, 2012, 18, 204-215.	1.3	38
102	Seminal plasma transforming growth factor-Î², activin A and follistatin fluctuate within men over time. Human Reproduction, 2016, 31, 2183-2191.	0.4	38
103	Zinc is a critical regulator of placental morphogenesis and maternal hemodynamics during pregnancy in mice. Scientific Reports, 2017, 7, 15137.	1.6	37
104	Complex diseases and co-morbidities: polycystic ovary syndrome and type 2 diabetes mellitus. Endocrine Connections, 2019, 8, R71-R75.	0.8	37
105	Granulocyte-macrophage colony-stimulating factor: presence in human follicular fluid, protein secretion and mRNA expression by ovarian cells. Molecular Human Reproduction, 1996, 2, 555-562.	1.3	36
106	Isolation of Leukocytes from the Murine Tissues at the Maternal-Fetal Interface. Journal of Visualized Experiments, 2015, , e52866.	0.2	35
107	Endocrine Disruptor Compoundsâ€”A Cause of Impaired Immune Tolerance Driving Inflammatory Disorders of Pregnancy?. Frontiers in Endocrinology, 2021, 12, 607539.	1.5	34
108	Plasma miRNAs Display Limited Potential as Diagnostic Tools for Endometriosis. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1999-2022.	1.8	33

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109	Development of a health promotion programme to improve awareness of factors that affect fertility, and evaluation of its reach in the first 5 years. Reproductive Biomedicine and Society Online, 2017, 4, 33-40.	0.9	32
110	Targeting Tollâ€like receptorâ€4 to tackle preterm birth and fetal inflammatory injury. Clinical and Translational Immunology, 2020, 9, e1121.	1.7	32
111	Seminal Plasma Regulates Corpora Lutea Macrophage Populations During Early Pregnancy in Mice1. Biology of Reproduction, 2004, 71, 1135-1141.	1.2	31
112	The Effect of Interpregnancy Interval on the Recurrence Rate of Spontaneous Preterm Birth: A Retrospective Cohort Study. American Journal of Perinatology, 2017, 34, 174-182.	0.6	31
113	Roles of male reproductive tract extracellular vesicles in reproduction. American Journal of Reproductive Immunology, 2021, 85, e13338.	1.2	31
114	The Enemy within: Innate Surveillance-Mediated Cell Death, the Common Mechanism of Neurodegenerative Disease. Frontiers in Neuroscience, 2016, 10, 193.	1.4	30
115	Periconception onset diabetes is associated with embryopathy and fetal growth retardation, reproductive tract hyperglycosylation and impaired immune adaptation to pregnancy. Scientific Reports, 2018, 8, 2114.	1.6	30
116	Female Tract Cytokines and Developmental Programming in Embryos. Advances in Experimental Medicine and Biology, 2015, 843, 173-213.	0.8	29
117	Gray level Coâ€occurrence Matrices (GLCM) to assess microstructural and textural changes in preâ€implantation embryos. Molecular Reproduction and Development, 2016, 83, 701-713.	1.0	29
118	Interleukin-5 Transgene Expression and Eosinophilia Are Associated with Retarded Mammary Gland Development in Mice1. Biology of Reproduction, 2003, 69, 224-233.	1.2	28
119	Macrophage Phenotype in the Mammary Gland Fluctuates over the Course of the Estrous Cycle and Is Regulated by Ovarian Steroid Hormones1. Biology of Reproduction, 2013, 89, 65.	1.2	28
120	Unstable Foxp3+ Regulatory T Cells and Altered Dendritic Cells Are Associated with Lipopolysaccharide-Induced Fetal Loss in Pregnant Interleukin 10-Deficient Mice1. Biology of Reproduction, 2015, 93, 95.	1.2	28
121	Cooperative effects of sequential PGF2Îʱ and IL-1Îʲ on IL-6 and COX-2 expression in human myometrial cells. Biology of Reproduction, 2019, 100, 1370-1385.	1.2	28
122	MicroRNA miR-155 is required for expansion of regulatory T cells to mediate robust pregnancy tolerance in mice. Mucosal Immunology, 2020, 13, 609-625.	2.7	28
123	Pulmonary toxicity of inhaled nano-sized cerium oxide aerosols in Sprague–Dawley rats. Nanotoxicology, 2019, 13, 733-750.	1.6	27
124	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. Journal of Clinical Investigation, 2018, 128, 4856-4869.	3.9	27
125	Beta-2 glycoprotein I and its role in antiphospholipid syndrome–lessons from knockout mice. Clinical Immunology, 2004, 112, 136-143.	1.4	26
126	Immunoglobulin to zona pellucida 3 mediates ovarian damage and infertility after contraceptive vaccination in mice. Journal of Autoimmunity, 2010, 35, 77-85.	3.0	26

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127	Antenatal IL-1-dependent inflammation persists postnatally and causes retinal and sub-retinal vasculopathy in progeny. Scientific Reports, 2018, 8, 11875.	1.6	26
128	Thymus-Derived Regulatory T Cells Exhibit Foxp3 Epigenetic Modification and Phenotype Attenuation after Mating in Mice. Journal of Immunology, 2019, 203, 647-657.	0.4	26
129	Immunization with Recombinant Murine Cytomegalovirus Expressing Murine Zona Pellucida 3 Causes Permanent Infertility in BALB/c Mice Due to Follicle Depletion and Ovulation Failure1. Biology of Reproduction, 2008, 79, 849-860.	1.2	25
130	Regulation of the ovarian inflammatory response at ovulation by nuclear progesterone receptor. American Journal of Reproductive Immunology, 2018, 79, e12835.	1.2	25
131	Preventing Preeclampsia by Silencing Soluble Flt-1?. New England Journal of Medicine, 2019, 380, 1080-1082.	13.9	25
132	Sperm modulate uterine immune parameters relevant to embryo implantation and reproductive success in mice. Communications Biology, 2021, 4, 572.	2.0	25
133	Transforming growth factor-? (TGF?) in porcine seminal plasma. Reproduction, Fertility and Development, 2011, 23, 748.	0.1	24
134	Immunology of Pregnancy. , 2015, , 1835-1874.		23
135	MicroRNA regulation of immune events at conception. Molecular Reproduction and Development, 2017, 84, 914-925.	1.0	23
136	Unravelling the molecular basis for regulatory Tâ€cell plasticity and loss of function in disease. Clinical and Translational Immunology, 2018, 7, e1011.	1.7	23
137	The influence of seminal plasma on ovarian function in pigsâ€”a novel inflammatory mechanism?. Journal of Reproductive Immunology, 2002, 57, 225-238.	0.8	22
138	An immunogenic phenotype in paternal antigenâ€specific CD8⁺ T cells at embryo implantation elicits later fetal loss in mice. Immunology and Cell Biology, 2017, 95, 705-715.	1.0	22
139	Seminal plasma pro-inflammatory cytokines interferon-Î³ (IFNG) and C-X-C motif chemokine ligand 8 (CXCL8) fluctuate over time within men. Human Reproduction, 2017, 32, 1373-1381.	0.4	22
140	Immune determinants of endometrial receptivity: a biological perspective. Fertility and Sterility, 2022, 117, 1107-1120.	0.5	22
141	Rethinking relational ideas of place in moreâ€thanâ€human cities. Geography Compass, 2018, 12, e12367.	1.5	21
142	Neurodegenerative diseases have genetic hallmarks of autoinflammatory disease. Human Molecular Genetics, 2018, 27, R108-R118.	1.4	21
143	Identification of Sites of STAT3 Action in the Female Reproductive Tract through Conditional Gene Deletion. PLoS ONE, 2014, 9, e101182.	1.1	20
144	MicroRNA-223 Regulates Retinal Function and Inflammation in the Healthy and Degenerating Retina. Frontiers in Cell and Developmental Biology, 2020, 8, 516.	1.8	20

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145	Regulation of epithelial cell turnover and macrophage phenotype by epithelial cell-derived transforming growth factor beta1 in the mammary gland. Cytokine, 2013, 61, 377-388.	1.4	19
146	Is polycystic ovary syndrome a 20th Century phenomenon?. Medical Hypotheses, 2019, 124, 31-34.	0.8	19
147	Macrophages infiltrating endometriosis-like lesions exhibit progressive phenotype changes in a heterologous mouse model. Journal of Reproductive Immunology, 2019, 132, 1-8.	0.8	19
148	Hormonal regulation of the cytokine microenvironment in the mammary gland. Journal of Reproductive Immunology, 2014, 106, 58-66.	0.8	18
149	Multi-parameter flow cytometric analysis of uterine immune cell fluctuations over the murine estrous cycle. Journal of Reproductive Immunology, 2016, 113, 61-67.	0.8	18
150	Toll-like Receptor-4: A New Target for Preterm Labour Pharmacotherapies?. Current Pharmaceutical Design, 2018, 24, 960-973.	0.9	18
151	Interferon-gamma inhibits seminal plasma induction of colony-stimulating factor 2 in mouse and human reproductive tract epithelial cellsâ€. Biology of Reproduction, 2018, 99, 514-526.	1.2	16
152	Proteomic Dissection of the Impact of Environmental Exposures on Mouse Seminal Vesicle Function. Molecular and Cellular Proteomics, 2021, 20, 100107.	2.5	16
153	Seminal fluid factors regulate activin A and follistatin synthesis in female cervical epithelial cells. Molecular and Cellular Endocrinology, 2015, 417, 178-190.	1.6	15
154	Toll-like receptor-4 null mutation causes fetal loss and fetal growth restriction associated with impaired maternal immune tolerance in mice. Scientific Reports, 2021, 11, 16569.	1.6	15
155	Toll-Like Receptor-4 Antagonist (+)-Naltrexone Protects Against Carbamyl-Platelet Activating Factor (cPAF)-Induced Preterm Labor in Mice. American Journal of Pathology, 2020, 190, 1030-1045.	1.9	14
156	High-fat Diet Alters Male Seminal Plasma Composition to Impair Female Immune Adaptation for Pregnancy in Mice. Endocrinology, 2021, 162, .	1.4	14
157	â€˜Fetal sideâ€™ of the placenta: anatomical mis-annotation of carbon particle â€˜transferâ€™ across the human placenta. Nature Communications, 2021, 12, 7049.	5.8	14
158	Seminal Plasma Promotes Lesion Development in a Xenograft Model of Endometriosis. American Journal of Pathology, 2015, 185, 1409-1422.	1.9	13
159	Toll-Like Receptor-4 Antagonist (+)-Naloxone Confers Sexually Dimorphic Protection From Inflammation-Induced Fetal Programming in Mice. Endocrinology, 2019, 160, 2646-2662.	1.4	13
160	Environmentally Relevant Iron Oxide Nanoparticles Produce Limited Acute Pulmonary Effects in Rats at Realistic Exposure Levels. International Journal of Molecular Sciences, 2021, 22, 556.	1.8	13
161	Attenuated TGFB signalling in macrophages decreases susceptibility to DMBA-induced mammary cancer in mice. Breast Cancer Research, 2021, 23, 39.	2.2	13
162	Retrofit Poverty: Socioeconomic Spatial Disparities in Retrofit Subsidies Uptake. Buildings and Cities, 2020, 1, 14-35.	1.1	13

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163	Antigen-Specific T-Cell Responses to a Recombinant Fowlpox Virus Are Dependent on MyD88 and Interleukin-18 and Independent of Toll-Like Receptor 7 (TLR7)- and TLR9-Mediated Innate Immune Recognition. Journal of Virology, 2011, 85, 3385-3396.	1.5	12
164	Ovarian Steroid Hormone-Regulated Uterine Remodeling Occurs Independently of Macrophages in Mice1. Biology of Reproduction, 2014, 91, 60.	1.2	12
165	The influence of the dietary exposome on oxidative stress in pregnancy complications. Molecular Aspects of Medicine, 2022, 87, 101098.	2.7	12
166	Male Seminal Relaxin Contributes to Induction of the Post-mating Cytokine Response in the Female Mouse Uterus. Frontiers in Physiology, 2017, 8, 422.	1.3	11
167	Maternal host responses to poly(I:C) during pregnancy leads to both dysfunctional immune profiles and altered behaviour in the offspring. American Journal of Reproductive Immunology, 2020, 84, e13260.	1.2	11
168	The Mechanistic Basis for Sexual Dysfunction in Male Transforming Growth Factor Â1 Null Mutant Mice. Journal of Andrology, 2010, 31, 95-107.	2.0	10
169	Diesel exhaust particle and dust mite induced airway inflammation is modified by cerium dioxide nanoparticles. Environmental Toxicology and Pharmacology, 2020, 73, 103273.	2.0	9
170	Elucidation of the protein composition of mouse seminal vesicle fluid. Proteomics, 2022, 22, e2100227.	1.3	9
171	Effect of washed versus unwashed red blood cells on transfusionâ€related immune responses in preterm newborns. Clinical and Translational Immunology, 2022, 11, e1377.	1.7	9
172	Regulatory T Cells in the Corpus Luteumâ€"New Players in Fertility Control?. Biology of Reproduction, 2012, 86, 26.	1.2	7
173	Development of a core outcome set for immunomodulation in pregnancy (COSIMPREG): a protocol for a systematic review and Delphi study. BMJ Open, 2018, 8, e021619.	0.8	7
174	A top priority in pre-eclampsia research: development of a reliable and inexpensive urinary screening test. The Lancet Global Health, 2019, 7, e1312-e1313.	2.9	7
175	Prednisolone in early pregnancy inhibits regulatory T cell generation and alters fetal and placental development in mice. Molecular Human Reproduction, 2020, 26, 340-352.	1.3	7
176	A High Amylose Wheat Diet Improves Gastrointestinal Health Parameters and Gut Microbiota in Male and Female Mice. Foods, 2021, 10, 220.	1.9	7
177	Transcriptomic analysis of the seminal vesicle response to the reproductive toxicant acrylamide. BMC Genomics, 2021, 22, 728.	1.2	7
178	Potential role of seminal plasma TGFÎ², in the initiation of the post-coital inflammatory response in humans. Journal of Reproductive Immunology, 1997, 34, 76-77.	0.8	6
179	The effect of restricted nutrition on uterine macrophage populations in mice. Journal of Reproductive Immunology, 1999, 45, 31-48.	0.8	6
180	Research Priorities for Fertility and Conception Research as Identified by Multidisciplinary Health Care Practitioners and Researchers. Nutrients, 2016, 8, 35.	1.7	6

#	Article	IF	Citations
181	Perspective: Re-defining â€œPheromoneâ€•in a Mammalian Context to Encompass Seminal Fluid. Frontiers in Veterinary Science, 2021, 8, 819246.	0.9	6
182	Exogenous transforming growth factor beta1 replacement and fertility in male Tgfb1 null mutant mice. Reproduction, Fertility and Development, 2009, 21, 561.	0.1	5
183	â€œLearning the cityâ€: Patrick Geddes, exhibitions, and communicating planning ideas. Landscape and Urban Planning, 2017, 166, 97-105.	3.4	5
184	GM-CSF does not rescue poor-quality embryos: secondary analysis of a randomized controlled trial. Archives of Gynecology and Obstetrics, 2020, 301, 1341-1346.	0.8	5
185	Fetal Gender of the First Born and the Recurrent Risk of Spontaneous Preterm Birth. American Journal of Perinatology, 2015, 32, 1305-1310.	0.6	4
186	Effect of Intralipid infusion on peripheral blood T cells and plasma cytokines in women undergoing assisted reproduction treatment. Clinical and Translational Immunology, 2021, 10, e1328.	1.7	4
187	Re-placing soil and its mattering in more-than-human cities. Australian Geographer, 2020, 51, 307-324.	1.0	3
188	Preface. Journal of Reproductive Immunology, 2009, 83, 1.	0.8	2
189	Seminal Vesicleâ€”Secretion. , 2018, , 349-354.		2
190	Sexually Dimorphic Response of Increasing Dietary Intake of High Amylose Wheat on Metabolic and Reproductive Outcomes in Male and Female Mice. Nutrients, 2020, 12, 61.	1.7	1
191	Growth factors and cytokines in embryo development. , 0, , 112-131.		0
192	Sex and Immune Receptivity for Embryo Transfer. , 2019, , 151-158.		0
193	The Immunology of Preeclampsia. , 2022, , 131-153.		0