Michael Holland

List of Publications by Year
in descending order

68 papers	2,026 citations	257101 24 h-index	253896 43 g-index
68 all docs	68 docs citations	68 times ranked	1840 citing authors

#	Article	IF	Citations
1	Kit ligand and c-Kit have diverse roles during mammalian oogenesis and folliculogenesis. Molecular Human Reproduction, 2006, 12, 61-69.	1.3	165
2	Production of Superoxide and Activity of Superoxide Dismutase in Rabbit Epididymal Spermatozoa. Biology of Reproduction, 1982, 27, 1109-1118.	1.2	125
3	Isolation, Immunolocalization, and Sperm-Association of Three Proteins of 18, 25, and 29 Kilodaltons Secreted by the Mouse Epididymis1. Biology of Reproduction, 1992, 46, 747-766.	1.2	109
4	KIT/KIT Ligand in Mammalian Oogenesis and Folliculogenesis: Roles in Rabbit and Murine Ovarian Follicle Activation and Oocyte Growth1. Biology of Reproduction, 2006, 75, 421-433.	1.2	104
5	Oxygen metabolism of mammalian spermatozoa. Generation of hydrogen peroxide by rabbit epididymal spermatozoa. Biochemical Journal, 1981, 198, 273-280.	3.2	103
6	Comprehensive mapping of the bull sperm surface proteome. Proteomics, 2012, 12, 3559-3579.	1.3	81
7	Glycosylation of Rat Sperm Plasma Membrane during Epididymal Maturation1. Biology of Reproduction, 1993, 48, 417-428.	1.2	71
8	Infertility in Female Rabbits (Oryctolagus cuniculus) Alloimmunized with the Rabbit Zona Pellucida Protein ZPB Either as a Purified Recombinant Protein or Expressed by Recombinant Myxoma Virus. Biology of Reproduction, 1999, 61, 606-613.	1.2	59
9	Comparison of two approaches to nuclear transfer in the bovine: hand-made cloning with modifications and the conventional nuclear transfer technique. Reproduction, Fertility and Development, 2005, 17, 573.	0.1	58
10	Species-Specific Differences in the Activity and Nuclear Localization of Murine and Bovine Phospholipase C Zeta 11. Biology of Reproduction, 2010, 83, 92-101.	1.2	55
11	Nanog Is an Essential Factor for Induction of Pluripotency in Somatic Cells from Endangered Felids. BioResearch Open Access, 2013, 2, 72-76.	2.6	52
12	Examination of the Immunocontraceptive Potential of Recombinant Rabbit Fertilin Subunits in Rabbit. Biology of Reproduction, 1997, 57, 879-886.	1.2	48
13	Mitochondrial DNA Transmission and Transcription After Somatic Cell Fusion to One or More Cytoplasts. Stem Cells, 2008, 26, 775-782.	1.4	48
14	Interactions of Labeled Epididymal Secretory Proteins with Spermatozoa after Injection of 35S-Methionine in the Mouse1. Biology of Reproduction, 1990, 43, 121-129.	1.2	47
15	Spermatogenesis, seminal characteristics and reproductive hormone levels in mature rams with induced hypothyroidism and hyperthyroidism. Journal of Endocrinology, 1985, 105, 39-46.	1.2	44
16	Characterization and Hormonal Regulation of Protein Synthesis by the Murine Epididymis1. Biology of Reproduction, 1988, 38, 487-496.	1.2	44
17	Secretion and Transport of Mouse Epididymal Proteins after Injection of 35S-Methionine11. Biology of Reproduction, 1990, 43, 113-120.	1.2	41
18	Bovine Sertoli Cells Colonize and Form Tubules in Murine Hosts Following Transplantation and Grafting Procedures. Journal of Andrology, 2008, 29, 418-430.	2.0	40

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19	Primordial follicle activation and follicular development in the juvenile rabbit ovary. Cell and Tissue Research, 2006, 326, 809-822.	1.5	37
20	Developmental disparity between in vitro-produced and somatic cell nuclear transfer bovine days 14 and 21 embryos: implications for embryonic loss. Reproduction, 2008, 136, 433-445.	1.1	37
21	Cloning and expression of recombinant rabbit fertilin. Molecular Reproduction and Development, 1996, 45, 107-116.	1.0	36
22	Binding of Epididymal Proteins to Rat Spermatozoa in Vivo1. Biology of Reproduction, 1992, 47, 588-597.	1.2	35
23	Analysis of the expression of putatively imprinted genes in bovine peri-implantation embryos. Theriogenology, 2008, 70, 1119-1128.	0.9	32
24	Heavy Metals and Spermatozoa. 1. Inhibition of the Motility and Metabolism of Spermatozoa by Metals Related to Copper. Fertility and Sterility, 1980, 34, 483-489.	0.5	31
25	The Efficient Generation of Cell Lines from Bovine Parthenotes. Cellular Reprogramming, 2010, 12, 571-579.	0.5	29
26	Proteomic analysis of bovine conceptus fluids during early pregnancy. Proteomics, 2008, 8, 160-177.	1.3	25
27	Heavy metals and human spermatozoa. III. The toxicity of copper ions for spermatozoa. Contraception, 1988, 38, 685-695.	0.8	24
28	Putative imprinted gene expression in uniparental bovine embryo models. Reproduction, Fertility and Development, 2008, 20, 589.	0.1	24
29	Restricted Entry of IgG into Male and Female Rabbit Reproductive Ducts Following Immunization with Recombinant Rabbit PH-20. American Journal of Reproductive Immunology, 2002, 47, 174-182.	1.2	23
30	Testicular regulation of epididymal protein secretion. Journal of Andrology, 1992, 13, 266-73.	2.0	23
31	Lectin binding characterstics of mouse epididymal fluid and sperm extracts. Gamete Research, 1989, 24, 439-451.	1.7	22
32	Selection of antigens for use in a virus-vectored immunocontraceptive vaccine: PH-20 as a case study. Reproduction, Fertility and Development, 1997, 9, 117.	0.1	21
33	Influence of the Murine Oestrous Cycle on the Induction of Mucosal Immunity. American Journal of Reproductive Immunology, 2003, 50, 369-379.	1.2	20
34	Dynamic changes in localization of chromobox (CBX) family members during the maternal to embryonic transition. Molecular Reproduction and Development, 2008, 75, 477-488.	1.0	20
35	Virus-vectored immunocontraception for control of wild rabbits: identification of target antigens and construction of recombinant viruses. Reproduction, Fertility and Development, 1994, 6, 631.	0.1	18
36	A repository of ENU mutant mouse lines and their potential for male fertility research. Molecular Human Reproduction, 2005, 11, 871-880.	1.3	18

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37	Dynamic changes in the localization of five members of the methyl binding domain (MBD) gene family during murine and bovine preimplantation embryo development. Molecular Reproduction and Development, 2008, 75, 48-59.	1.0	17
38	The Generation of Live Offspring from Vitrified Oocytes. PLoS ONE, 2011, 6, e21597.	1.1	17
39	The specificity of epididymal secretory proteins. Journal of Reproduction and Fertility Supplement, 1998, 53, 197-210.	0.1	17
40	Cryopreservation of sperm from Murray cod, Maccullochella peelii peelii. Aquaculture, 2008, 285, 117-122.	1.7	16
41	Cryopreservation and long-term maintenance of bovine embryo-derived cell lines. Reproduction, Fertility and Development, 2013, 25, 707.	0.1	15
42	The Concentrations of Free l-Carnitine and l-O-Acetylcarnitine in Spermatozoa and Seminal Plasma of Normal, Fresh, and Frozen Human Semen. Fertility and Sterility, 1979, 31, 541-544.	0.5	14
43	Contraceptive vaccines. Expert Opinion on Biological Therapy, 2003, 3, 829-841.	1.4	14
44	The effect of glycosaminoglycans on rat gametes in vitro and the associated signal pathway. Reproduction, 2008, 135, 311-319.	1.1	14
45	Testing the concept of virally vectored immunosterilisation for the control of wild rabbit and fox populations in Australia. Australian Veterinary Journal, 1995, 72, 65-68.	0.5	13
46	Rabbit Epididymal Secretory Proteins. I. Characterization and Hormonal Regulation1. Biology of Reproduction, 2002, 67, 133-139.	1.2	12
47	Immune response in rabbit ovaries following infection of a recombinant myxoma virus expressing rabbit zona pellucida protein B. Virology, 2004, 318, 516-523.	1.1	12
48	Lymphocytes and MHC class II positive cells in the female rabbit reproductive tract before and after ovulation. Immunology and Cell Biology, 2005, 83, 596-606.	1.0	12
49	Differential proteomic analysis of bovine conceptus fluid proteins in pregnancies generated by assisted reproductive technologies. Proteomics, 2008, 8, 2967-2982.	1.3	12
50	Epididymal Protein Synthesis and Secretion in Strains of Mice Bearing Single Gene Mutations Which Affect Fertility1. Biology of Reproduction, 1988, 38, 497-510.	1.2	9
51	Antibody response in the female rabbit reproductive tract to influenza haemagglutinin encoded by a recombinant myxoma virus. Virology, 2003, 313, 286-295.	1.1	9
52	Reproductive science and the future of the planet. Reproduction, 2019, 158, R91-R96.	1.1	9
53	Molecular and Functional Characterization of the Rabbit Epididymal Secretory Protein 52, REP521. Biology of Reproduction, 2008, 78, 910-920.	1.2	8
54	Rabbit Epididymal Secretory Proteins. II. Immunolocalization and Sperm Association of REP381. Biology of Reproduction, 2002, 67, 140-146.	1.2	6

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55	Host-specificity of myxoma virus: Pathogenesis of South American and North American strains of myxoma virus in two North American lagomorph species. Veterinary Microbiology, 2010, 141, 289-300.	0.8	6
56	Rabbit Epididymal Secretory Proteins. III. Molecular Cloning and Characterization of the Complementary DNA for REP381. Biology of Reproduction, 2002, 67, 147-153.	1.2	5
57	Evaluation of ten potential organic spermicides. International Journal of Fertility, 1980, 25, 281-6.	0.2	5
58	Depletion of testis cell populations in pre-pubertal Bos indicus cattle by irradiation. Animal Reproduction Science, 2013, 141, 124-130.	0.5	4
59	Heavy metals and human spermatozoa: II. The effect of seminal plasma on the toxicity of copper metal for spermatozoa. International Journal of Fertility, 1982, 27, 95-9.	0.2	3
60	Characterisation of two highly conserved but non-allelic cellular disintegrins from rabbit testis. Gene, 1998, 206, 127-135.	1.0	2
61	Laser assisted blastomere extrusion biopsy of in vitro produced cattle embryosâ€"A potential high throughput, minimally invasive approach for sampling pre-morula and morula stage embryos. Animal Reproduction Science, 2020, 219, 106546.	0.5	2
62	Lineage-specific expression of heterochromatin protein 1Î³ in post-compaction, in vitro-produced bovine embryos. Reproduction, Fertility and Development, 2010, 22, 1022.	0.1	1
63	Endometrial biopsy in Bos indicus beef heifers. Reproduction in Domestic Animals, 2017, 52, 526-528.	0.6	1
64	Fertility control in wild populations of animals. Journal of Andrology, 1999, 20, 579-85.	2.0	1
65	Extratesticular sperm maturation in the brush-tail possum, Trichosurus vulpecula. Journal of Reproduction and Fertility Supplement, 1998, 53, 221-6.	0.1	1
66	157 DYNAMIC CHANGES IN LOCALIZATION OF HP1Î± DURING BOVINE EMBRYOGENESIS. Reproduction, Fertility and Development, 2007, 19, 196.	0.1	0
67	145 THE METHYLATION PATTERNS OF POTENTIAL DIFFERENTIALLY METHYLATED REGIONS IN BOVINE Xist, Impact, NDN, AND H19 GENES. Reproduction, Fertility and Development, 2007, 19, 190.	0.1	0
68	PROTEOMIC ANALYSIS OF CONCEPTUS FLUID FROM BOVINE PREGNANCIES: A COMPARISON OF NATURALLY CONCEIVED, SCNT AND IVF SAMPLES COLLECTED AT DAY 45 OF GESTATION. Biology of Reproduction, 2007, 77, 229-230.	1.2	0