Michael K Skinner

List of Publications by Year
in descending order

237 papers	26,453 citations	5896 81 h-index	6654 156 g-index
239 all docs	239 docs citations	239 times ranked	16799 citing authors

#	Article	IF	Citations
1	Epigenetic Transgenerational Actions of Endocrine Disruptors and Male Fertility. Science, 2005, 308, 1466-1469.	12.6	2,322
2	Environmental epigenomics and disease susceptibility. Nature Reviews Genetics, 2007, 8, 253-262.	16.3	2,180
3	Plastics Derived Endocrine Disruptors (BPA, DEHP and DBP) Induce Epigenetic Transgenerational Inheritance of Obesity, Reproductive Disease and Sperm Epimutations. PLoS ONE, 2013, 8, e55387.	2.5	711
4	Cell-Cell Interactions in the Testis*. Endocrine Reviews, 1991, 12, 45-77.	20.1	625
5	Epigenetic transgenerational actions of environmental factors in disease etiology. Trends in Endocrinology and Metabolism, 2010, 21, 214-222.	7.1	608
6	Endocrine Disruptor Vinclozolin Induced Epigenetic Transgenerational Adult-Onset Disease. Endocrinology, 2006, 147, 5515-5523.	2.8	508
7	LPA3-mediated lysophosphatidic acid signalling in embryo implantation and spacing. Nature, 2005, 435, 104-108.	27.8	482
8	Tyro-3 family receptors are essential regulators of mammalian spermatogenesis. Nature, 1999, 398, 723-728.	27.8	458
9	What is an epigenetic transgenerational phenotype?. Reproductive Toxicology, 2008, 25, 2-6.	2.9	416
10	Regulation of primordial follicle assembly and development. Human Reproduction Update, 2005, 11, 461-471.	10.8	404
11	Transgenerational Actions of Environmental Compounds on Reproductive Disease and Identification of Epigenetic Biomarkers of Ancestral Exposures. PLoS ONE, 2012, 7, e31901.	2.5	380
12	Transgenerational epigenetic imprints on mate preference. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5942-5946.	7.1	379
13	Epigenetic Transgenerational Actions of Vinclozolin on Promoter Regions of the Sperm Epigenome. PLoS ONE, 2010, 5, e13100.	2.5	362
14	Kit-Ligand/Stem Cell Factor Induces Primordial Follicle Development and Initiates Folliculogenesis1. Endocrinology, 1999, 140, 4262-4271.	2.8	357
15	Ancestral dichlorodiphenyltrichloroethane (DDT) exposure promotes epigenetic transgenerational inheritance of obesity. BMC Medicine, 2013, 11, 228.	5.5	334
16	Environmental epigenetic transgenerational inheritance and somatic epigenetic mitotic stability. Epigenetics, 2011, 6, 838-842.	2.7	302
17	Environmentally induced epigenetic transgenerational inheritance of disease. Environmental Epigenetics, 2018, 4, dvy016.	1.8	293
18	Epigenetic transgenerational inheritance of altered stress responses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9143-9148.	7.1	285

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19	Transgenerational Effect of the Endocrine Disruptor Vinclozolin on Male Spermatogenesis. Journal of Andrology, 2006, 27, 868-879.	2.0	268
20	Transgenerational Epigenetic Programming of the Brain Transcriptome and Anxiety Behavior. PLoS ONE, 2008, 3, e3745.	2.5	257
21	Testicular degeneration in Bclw-deficient mice. Nature Genetics, 1998, 18, 251-256.	21.4	244
22	Secretion of Testicular Transferrin by Cultured Sertoli Cells is Regulated by Hormones and Retinoids. Biology of Reproduction, 1982, 27, 211-221.	2.7	243
23	Basic fibroblast growth factor induces primordial follicle development and initiates folliculogenesis. Molecular and Cellular Endocrinology, 2001, 175, 123-130.	3.2	238
24	Bone Morphogenetic Protein-4 Acts as an Ovarian Follicle Survival Factor and Promotes Primordial Follicle Development. Biology of Reproduction, 2003, 69, 1265-1272.	2.7	236
25	Epigenetic transgenerational actions of endocrine disruptors. Reproductive Toxicology, 2011, 31, 337-343.	2.9	232
26	Environmental Epigenetics and a Unified Theory of the Molecular Aspects of Evolution: A Neo-Lamarckian Concept that Facilitates Neo-Darwinian Evolution. Genome Biology and Evolution, 2015, 7, 1296-1302.	2.5	232
27	Epigenetic transgenerational inheritance of vinclozolin induced mouse adult onset disease and associated sperm epigenome biomarkers. Reproductive Toxicology, 2012, 34, 694-707.	2.9	228
28	Dioxin (TCDD) Induces Epigenetic Transgenerational Inheritance of Adult Onset Disease and Sperm Epimutations. PLoS ONE, 2012, 7, e46249.	2.5	225
29	Leukemia inhibitory factor (LIF) promotes the primordial to primary follicle transition in rat ovaries. Molecular and Cellular Endocrinology, 2002, 188, 65-73.	3.2	215
30	A Sulfated Glycoprotein Synthesized by Sertoli Cells and by Epididymal Cells is a Component of the Sperm Membrane 1. Biology of Reproduction, 1984, 31, 1087-1101.	2.7	213
31	Fibronectin Synthesis is a Marker for Peritubular Cell Contaminants in Sertoli Cell-Enriched Cultures. Biology of Reproduction, 1984, 30, 199-211.	2.7	212
32	Environmentally Induced Epigenetic Transgenerational Inheritance of Ovarian Disease. PLoS ONE, 2012, 7, e36129.	2.5	205
33	Pesticide Methoxychlor Promotes the Epigenetic Transgenerational Inheritance of Adult-Onset Disease through the Female Germline. PLoS ONE, 2014, 9, e102091.	2.5	198
34	Endocrine disruptor induction of epigenetic transgenerational inheritance of disease. Molecular and Cellular Endocrinology, 2014, 398, 4-12.	3.2	198
35	Hydrocarbons (jet fuel JP-8) induce epigenetic transgenerational inheritance of obesity, reproductive disease and sperm epimutations. Reproductive Toxicology, 2013, 36, 104-116.	2.9	195
36	Environmentally induced epigenetic transgenerational inheritance of phenotype and disease. Molecular and Cellular Endocrinology, 2012, 354, 3-8.	3.2	194

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37	Profiling Gene Expression During the Differentiation and Development of the Murine Embryonic Gonad1. Biology of Reproduction, 2005, 72, 492-501.	2.7	190
38	Environmental stress and epigenetic transgenerational inheritance. BMC Medicine, 2014, 12, 153.	5.5	181
39	Pesticide and insect repellent mixture (permethrin and DEET) induces epigenetic transgenerational inheritance of disease and sperm epimutations. Reproductive Toxicology, 2012, 34, 708-719.	2.9	177
40	Role of epigenetics in developmental biology and transgenerational inheritance. Birth Defects Research Part C: Embryo Today Reviews, 2011, 93, 51-55.	3.6	172
41	Transgenerational epigenetic effects of the endocrine disruptor vinclozolin on pregnancies and female adult onset disease. Reproduction, 2008, 135, 713-721.	2.6	164
42	Environmentally Induced Transgenerational Epigenetic Reprogramming of Primordial Germ Cells and the Subsequent Germ Line. PLoS ONE, 2013, 8, e66318.	2.5	156
43	Transgenerational epigenetic programming of the embryonic testis transcriptome. Genomics, 2008, 91, 30-40.	2.9	154
44	Epigenetic programming of the germ line: effects of endocrine disruptors on the development of transgenerational disease. Reproductive BioMedicine Online, 2008, 16, 23-25.	2.4	153
45	Epigenetic transgenerational inheritance. Nature Reviews Endocrinology, 2016, 12, 68-70.	9.6	148
46	Alterations in sperm DNA methylation, non-coding RNA and histone retention associate with DDT-induced epigenetic transgenerational inheritance of disease. Epigenetics and Chromatin, 2018, 11, 8.	3.9	148
47	Assessment of Glyphosate Induced Epigenetic Transgenerational Inheritance of Pathologies and Sperm Epimutations: Generational Toxicology. Scientific Reports, 2019, 9, 6372.	3.3	143
48	Insulin but not insulin-like growth factor-1 promotes the primordial to primary follicle transition. Molecular and Cellular Endocrinology, 2002, 192, 37-43.	3.2	142
49	Analysis of Sertoli Cell-Secreted Proteins by Two-Dimensional Gel Electrophoresis. Biology of Reproduction, 1982, 27, 233-240.	2.7	134
50	Effect of the anti-androgenic endocrine disruptor vinclozolin on embryonic testis cord formation and postnatal testis development and function. Reproductive Toxicology, 2004, 18, 765-774.	2.9	134
51	Transforming Growth Factorî² Gene Expression and Action in the Seminiferous Tubule: Peritubular Cell-Sertoli Cell Interactions. Molecular Endocrinology, 1989, 3, 625-634.	3.7	132
52	Developmental origins of epigenetic transgenerational inheritance. Environmental Epigenetics, 2016, 2, dvw002.	1.8	131
53	Growth and Differentiation Factor-9 Stimulates Progression of Early Primary but Not Primordial Rat Ovarian Follicle Development1. Biology of Reproduction, 2002, 67, 1018-1024.	2.7	127
54	Alterations in sperm DNA methylation, non-coding RNA expression, and histone retention mediate vinclozolin-induced epigenetic transgenerational inheritance of disease. Environmental Epigenetics, 2018, 4, dvy010.	1.8	127

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55	Kit ligand and basic fibroblast growth factor interactions in the induction of ovarian primordial to primary follicle transition. Molecular and Cellular Endocrinology, 2004, 214, 19-25.	3.2	125
56	Expression and actions of both the follicle stimulating hormone receptor and the luteinizing hormone receptor in normal ovarian surface epithelium and ovarian cancer. Molecular and Cellular Endocrinology, 2001, 172, 213-222.	3.2	123
57	Environmentally Induced Epigenetic Transgenerational Inheritance of Altered Sertoli Cell Transcriptome and Epigenome: Molecular Etiology of Male Infertility. PLoS ONE, 2013, 8, e59922.	2.5	119
58	Environmentally induced epigenetic transgenerational inheritance of sperm epimutations promote genetic mutations. Epigenetics, 2015, 10, 762-771.	2.7	118
59	Direct Actions of Kit-Ligand on Theca Cell Growth and Differentiation During Follicle Development*. Endocrinology, 1997, 138, 3819-3827.	2.8	117
60	Environmentally induced epigenetic transgenerational inheritance of disease susceptibility. Translational Research, 2015, 165, 12-17.	5.0	115
61	Kit ligand actions on ovarian stromal cells: Effects on theca cell recruitment and steroid production. Molecular Reproduction and Development, 2000, 55, 55-64.	2.0	114
62	Transgenerational effects of the endocrine disruptor vinclozolin on the prostate transcriptome and adult onset disease. Prostate, 2008, 68, 517-529.	2.3	114
63	Atrazine induced epigenetic transgenerational inheritance of disease, lean phenotype and sperm epimutation pathology biomarkers. PLoS ONE, 2017, 12, e0184306.	2.5	110
64	Prenatal influences on temperament development: The role of environmental epigenetics. Development and Psychopathology, 2018, 30, 1269-1303.	2.3	110
65	Sertoli Cells Synthesize and Secrete a Ceruloplasmin-Like Protein. Biology of Reproduction, 1983, 28, 1225-1229.	2.7	108
66	Epigenetics and the Evolution of Darwinâ€™s Finches. Genome Biology and Evolution, 2014, 6, 1972-1989.	2.5	107
67	Epigenetic transgenerational inheritance of somatic transcriptomes and epigenetic control regions. Genome Biology, 2012, 13, R91.	9.6	105
68	Mercury-induced epigenetic transgenerational inheritance of abnormal neurobehavior is correlated with sperm epimutations in zebrafish. PLoS ONE, 2017, 12, e0176155.	2.5	104
69	Thecal Cell-Granulosa Cell Interactions Involve a Positive Feedback Loop among Keratinocyte Growth Factor, Hepatocyte Growth Factor, and Kit Ligand during Ovarian Follicular Development¹. Endocrinology, 1998, 139, 2240-2245.	2.8	103
70	Kit-Ligand/Stem Cell Factor Induces Primordial Follicle Development and Initiates Folliculogenesis. Endocrinology, 1999, 140, 4262-4271.	2.8	101
71	Alterations in the Ovarian Transcriptome During Primordial Follicle Assembly and Development1. Biology of Reproduction, 2005, 72, 241-255.	2.7	100
72	Environmental signals and transgenerational epigenetics. Epigenomics, 2009, 1, 111-117.	2.1	95

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73	Keratinocyte Growth Factor Acts as a Mesenchymal Factor That Promotes Ovarian Primordial to Primary Follicle Transition. Biology of Reproduction, 2005, 73, 967-973.	2.7	93
74	Cell-Cell Interactions and the Regulation of Testis Function. Annals of the New York Academy of Sciences, 1991, 637, 354-363.	3.8	92
75	Inhibitory Actions of Anti-MÃ¼llerian Hormone (AMH) on Ovarian Primordial Follicle Assembly. PLoS ONE, 2011, 6, e20087.	2.5	92
76	Machine learning for epigenetics and future medical applications. Epigenetics, 2017, 12, 505-514.	2.7	91
77	Ancestral vinclozolin exposure alters the epigenetic transgenerational inheritance of sperm small noncoding RNAs. Environmental Epigenetics, 2016, 2, dvw001.	1.8	90
78	Expression and Action of Transforming Growth Factor Beta (TGFÎ²1, TGFÎ²2, and TGFÎ²3) during Embryonic Rat Testis Development1. Biology of Reproduction, 1999, 60, 1304-1313.	2.7	89
79	Regulation of granulosa and theca cell transcriptomes during ovarian antral follicle development. Molecular Reproduction and Development, 2008, 75, 1457-1472.	2.0	89
80	Developmentally distinct in vivo effects of FSH on proliferation and apoptosis during testis maturation. Journal of Endocrinology, 2005, 186, 429-446.	2.6	86
81	Cooperativity between Sertoli Cells and Peritubular Myoid Cells in the Formation of the Basal Lamina in the Seminiferous Tubule. Annals of the New York Academy of Sciences, 1984, 438, 435-446.	3.8	84
82	Expression and Action of Kit Ligand/Stem Cell Factor in Normal Human and Bovine Ovarian Surface Epithelium and Ovarian Cancer1. Biology of Reproduction, 2000, 62, 1600-1609.	2.7	82
83	The Helix-Loop-Helix Inhibitor of Differentiation (ID) Proteins Induce Post-Mitotic Terminally Differentiated Sertoli Cells to Re-Enter the Cell Cycle and Proliferate. Biology of Reproduction, 2005, 72, 1205-1217.	2.7	82
84	Basic helix-loop-helix transcription factor gene family phylogenetics and nomenclature. Differentiation, 2010, 80, 1-8.	1.9	82
85	Epigenetic Transgenerational Inheritance of Altered Sperm Histone Retention Sites. Scientific Reports, 2018, 8, 5308.	3.3	81
86	Epigenetic Transgenerational Inheritance of Obesity Susceptibility. Trends in Endocrinology and Metabolism, 2020, 31, 478-494.	7.1	80
87	Identification of a non-mitogenic paracrine factor involved in mesenchymal-epithelial cell interactions between testicular peritubular cells and Sertoli cells. Molecular and Cellular Endocrinology, 1986, 44, 85-97.	3.2	79
88	Cell-cell interactions in primordial follicle assembly and development. Frontiers in Bioscience - Landmark, 2002, 7, d1990.	3.0	78
89	Role of CpG deserts in the epigenetic transgenerational inheritance of differential DNA methylation regions. BMC Genomics, 2014, 15, 692.	2.8	78
90	Androgen stimulation of sertoli cell function is enhanced by peritubular cells. Molecular and Cellular Endocrinology, 1985, 40, 115-122.	3.2	76

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91	Comparative anti-androgenic actions of vinclozolin and flutamide on transgenerational adult onset disease and spermatogenesis. Reproductive Toxicology, 2008, 26, 100-106.	2.9	76
92	Expression and Action of Neurotropin-3 and Nerve Growth Factor in Embryonic and Early Postnatal Rat Testis Development. Biology of Reproduction, 2000, 63, 1617-1628.	2.7	75
93	Environmentally Induced Epigenetic Transgenerational Inheritance of Reproductive Disease1. Biology of Reproduction, 2015, 93, 145.	2.7	75
94	Basic Helix-Loop-Helix Proteins Can Act at the E-Box within the Serum Response Element of the c-fosPromoter to Influence Hormone-Induced Promoter Activation in Sertoli Cells. Molecular Endocrinology, 1999, 13, 774-786.	3.7	74
95	Transforming growth factor beta (TGFÎ²1, TGFÎ²2 and TGFÎ²3) null-mutant phenotypes in embryonic gonadal development. Molecular and Cellular Endocrinology, 2008, 294, 70-80.	3.2	74
96	Seminiferous Cord Formation and Germ-Cell Programming: Epigenetic Transgenerational Actions of Endocrine Disruptors. Annals of the New York Academy of Sciences, 2005, 1061, 18-32.	3.8	72
97	Role of Neurotropins in Rat Embryonic Testis Morphogenesis (Cord Formation)1. Biology of Reproduction, 2000, 62, 132-142.	2.7	70
98	Nature, nurture and epigenetics. Molecular and Cellular Endocrinology, 2014, 398, 42-52.	3.2	70
99	Role of Transforming Growth Factor-Î± and the Epidermal Growth Factor Receptor in Embryonic Rat Testis Development1. Biology of Reproduction, 2000, 62, 477-490.	2.7	68
100	Age-Dependent Loss of Sperm Production in Mice via Impaired Lysophosphatidic Acid Signaling1. Biology of Reproduction, 2008, 79, 328-336.	2.7	68
101	Basic Helix-Loop-Helix Transcription Factor TCF21 Is a Downstream Target of the Male Sex Determining Gene SRY. PLoS ONE, 2011, 6, e19935.	2.5	68
102	Developmental and Hormonal Regulation of Transforming Growth Factor-Î²1 (TGFÎ²1), -2, and -3 Gene Expression in Isolated Prostatic Epithelial and Stromal Cells: Epidermal Growth Factor and TGFÎ² Interactions1. Endocrinology, 1998, 139, 1378-1388.	2.8	67
103	Environmentally induced epigenetic transgenerational inheritance of male infertility. Current Opinion in Genetics and Development, 2014, 26, 79-88.	3.3	67
104	Chemotactic Role of Neurotropin 3 in the Embryonic Testis That Facilitates Male Sex Determination1. Biology of Reproduction, 2003, 68, 2033-2037.	2.7	65
105	Environmental epigenomics and disease susceptibility. EMBO Reports, 2011, 12, 620-622.	4.5	65
106	Vinclozolin induced epigenetic transgenerational inheritance of pathologies and sperm epimutation biomarkers for specific diseases. PLoS ONE, 2018, 13, e0202662.	2.5	63
107	Progesterone regulation of primordial follicle assembly in bovine fetal ovaries. Molecular and Cellular Endocrinology, 2009, 313, 9-16.	3.2	62
108	Action of Retinoids on Embryonic and Early Postnatal Testis Development. Endocrinology, 1999, 140, 2343-2352.	2.8	61

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109	Effect of Transient Embryonic In Vivo Exposure to the Endocrine Disruptor Methoxychlor on Embryonic and Postnatal Testis Development. Journal of Andrology, 2003, 24, 736-745.	2.0	61
110	Hormonal Regulation and Differential Actions of the Helix-Loop-Helix Transcriptional Inhibitors of Differentiation (Id1, Id2, Id3, and Id4) in Sertoli Cells*. Endocrinology, 2001, 142, 1727-1736.	2.8	60
111	Epigenetic Transgenerational Effects of Endocrine Disruptors on Male Reproduction. Seminars in Reproductive Medicine, 2009, 27, 403-408.	1.1	60
112	Epigenetics and adaptive phenotypic variation between habitats in an asexual snail. Scientific Reports, 2017, 7, 14139.	3.3	58
113	Stromal-epithelial interactions in the progression of ovarian cancer: influence and source of tumor stromal cells. Molecular and Cellular Endocrinology, 2001, 175, 29-39.	3.2	57
114	Inhibition of phosphatidylinositol 3-kinase sensitizes ovarian cancer cells to carboplatin and allows adjunct chemotherapy treatment. Molecular Cancer Therapeutics, 2005, 4, 1764-1771.	4.1	55
115	Epigenetics and transgenerational inheritance in domesticated farm animals. Journal of Animal Science and Biotechnology, 2014, 5, 48.	5.3	55
116	Cytochemical and Biochemical Characterization of Testicular Peritubular Myoid Cells1. Biology of Reproduction, 1989, 40, 811-823.	2.7	54
117	Stimulation of Sertoli cell inhibin secretion by the testicular paracrine factor PModS. Molecular and Cellular Endocrinology, 1989, 66, 239-249.	3.2	54
118	Transgenerational sperm DNA methylation epimutation developmental origins following ancestral vinclozolin exposure. Epigenetics, 2019, 14, 721-739.	2.7	54
119	Epigenetic variation between urban and rural populations of Darwinâ€™s finches. BMC Evolutionary Biology, 2017, 17, 183.	3.2	53
120	Sperm DNA Methylation Epimutation Biomarkers for Male Infertility and FSH Therapeutic Responsiveness. Scientific Reports, 2019, 9, 16786.	3.3	53
121	Environmental epigenetics and phytoestrogen/phytochemical exposures. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 270-276.	2.5	52
122	Genome-wide CpG density and DNA methylation analysis method (MeDIP, RRBS, and WGBS) comparisons. Epigenetics, 2022, 17, 518-530.	2.7	52
123	Phylogenetic and expression analysis of the basic helix-loop-helix transcription factor gene family: genomic approach to cellular differentiation. Differentiation, 2008, 76, 1006-1042.	1.9	51
124	Environmental toxicant induced epigenetic transgenerational inheritance of ovarian pathology and granulosa cell epigenome and transcriptome alterations: ancestral origins of polycystic ovarian syndrome and primary ovarian insufficiency. Epigenetics, 2018, 13, 875-895.	2.7	51
125	Identification of Genomic Features in Environmentally Induced Epigenetic Transgenerational Inherited Sperm Epimutations. PLoS ONE, 2014, 9, e100194.	2.5	50
126	Sperm DNA methylation epimutation biomarker for paternal offspring autism susceptibility. Clinical Epigenetics, 2021, 13, 6.	4.1	50

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127	Endocrine Disruptors and Epigenetic Transgenerational Disease Etiology. Pediatric Research, 2007, 61, 48R-50R.	2.3	49
128	Gene Bionetwork Analysis of Ovarian Primordial Follicle Development. PLoS ONE, 2010, 5, e11637.	2.5	49
129	Global Genome Analysis of the Downstream Binding Targets of Testis Determining Factor SRY and SOX9. PLoS ONE, 2012, 7, e43380.	2.5	49
130	Developmental and Hormonal Regulation of Hepatocyte Growth Factor Expression and Action in the Bovine Ovarian Follicle1. Biology of Reproduction, 1998, 59, 553-560.	2.7	48
131	Fathers' nutritional legacy. Nature, 2010, 467, 922-923.	27.8	47
132	Generational comparisons (F1 versus F3) of vinclozolin induced epigenetic transgenerational inheritance of sperm differential DNA methylation regions (epimutations) using MeDIP-Seq. Environmental Epigenetics, 2017, 3, .	1.8	47
133	Sperm epimutation biomarkers of obesity and pathologies following DDT induced epigenetic transgenerational inheritance of disease. Environmental Epigenetics, 2019, 5, dvz008.	1.8	46
134	Integration of sperm ncRNA-directed DNA methylation and DNA methylation-directed histone retention in epigenetic transgenerational inheritance. Epigenetics and Chromatin, 2021, 14, 6.	3.9	46
135	Ancestral plastics exposure induces transgenerational disease-specific sperm epigenome-wide association biomarkers. Environmental Epigenetics, 2021, 7, dvaa023.	1.8	46
136	Epigenetic Transgenerational Actions of Vinclozolin on the Development of Disease and Cancer. Critical Reviews in Oncogenesis, 2007, 13, 75-82.	0.4	45
137	Induction of Ovarian Primordial Follicle Assembly by Connective Tissue Growth Factor CTGF. PLoS ONE, 2010, 5, e12979.	2.5	44
138	Differential DNA Methylation Regions in Adult Human Sperm following Adolescent Chemotherapy: Potential for Epigenetic Inheritance. PLoS ONE, 2017, 12, e0170085.	2.5	44
139	Testis Developmental Phenotypes in Neurotropin Receptor trkA and trkC Null Mutations: Role in Formation of Seminiferous Cords and Germ Cell Survival1. Biology of Reproduction, 2002, 66, 1838-1845.	2.7	43
140	Developmental origins of transgenerational sperm DNA methylation epimutations following ancestral DDT exposure. Developmental Biology, 2019, 445, 280-293.	2.0	43
141	Genomic Clustering of differential DNA methylated regions (epimutations) associated with the epigenetic transgenerational inheritance of disease and phenotypic variation. BMC Genomics, 2016, 17, 418.	2.8	42
142	Cell-Cell Interactions in the Testis. Annals of the New York Academy of Sciences, 1987, 513, 158-171.	3.8	41
143	Expression and action of keratinocyte growth factor (KGF) in normal ovarian surface epithelium and ovarian cancer. Molecular and Cellular Endocrinology, 2000, 167, 77-87.	3.2	41
144	Role of transforming growth factor Î² in ovarian surface epithelium biology and ovarian cancer. Reproductive BioMedicine Online, 2002, 5, 254-258.	2.4	40

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145	Role of environmentally induced epigenetic transgenerational inheritance in evolutionary biology: Unified Evolution Theory. Environmental Epigenetics, 2021, 7, dvab012.	1.8	40
146	Characterization of Bovine Ovarian Surface Epithelium and Stromal Cells: Identification of Secreted Proteins1. Biology of Reproduction, 1994, 51, 1213-1221.	2.7	39
147	Expression and Action of Hepatocyte Growth Factor in Human and Bovine Normal Ovarian Surface Epithelium and Ovarian Cancer1. Biology of Reproduction, 2000, 62, 491-500.	2.7	39
148	Actions of the endocrine disruptor methoxychlor and its estrogenic metabolite on in vitro embryonic rat seminiferous cord formation and perinatal testis growth. Reproductive Toxicology, 2001, 15, 317-326.	2.9	39
149	Inhibition of Platelet-Derived Growth Factor Actions in the Embryonic Testis Influences Normal Cord Development and Morphology1. Biology of Reproduction, 2002, 66, 745-753.	2.7	39
150	Embryonic Testis Cord Formation and Mesonephric Cell Migration Requires the Phosphotidylinositol 3-Kinase Signaling Pathway1. Biology of Reproduction, 2002, 67, 1927-1935.	2.7	38
151	DDT, epigenetic harm, and transgenerational environmental justice. Environmental Health, 2014, 13, 62.	4.0	37
152	Roles of Gremlin 1 and Gremlin 2 in regulating ovarian primordial to primary follicle transition. Reproduction, 2014, 147, 865-874.	2.6	37
153	Expression and Action of Transforming Growth Factor Alpha in Normal Ovarian Surface Epithelium and Ovarian Cancer1. Biology of Reproduction, 2000, 63, 789-796.	2.7	36
154	Alterations in the developing testis transcriptome following embryonic vinclozolin exposure. Reproductive Toxicology, 2010, 30, 353-364.	2.9	36
155	Environmental epigenetics and epigenetic inheritance in domestic farm animals. Animal Reproduction Science, 2020, 220, 106316.	1.5	36
156	Epigenetic inheritance of DNA methylation changes in fish living in hydrogen sulfideâ€“rich springs. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
157	Developmental and Hormonal Regulation of Keratinocyte Growth Factor Expression and Action in the Ovarian Follicle. Endocrinology, 1998, 139, 228-235.	2.8	36
158	Tertiary Epimutations â€“ A Novel Aspect of Epigenetic Transgenerational Inheritance Promoting Genome Instability. PLoS ONE, 2016, 11, e0168038.	2.5	35
159	Role of epigenetic transgenerational inheritance in generational toxicology. Environmental Epigenetics, 2022, 8, dvac001.	1.8	35
160	Epigenetic transgenerational inheritance of testis pathology and Sertoli cell epimutations: generational origins of male infertility. Environmental Epigenetics, 2019, 5, dvz013.	1.8	33
161	Characterization of a rat in vitro ovarian culture system to study the ovarian toxicant 4-vinylcyclohexene diepoxide. Toxicology and Applied Pharmacology, 2002, 184, 107-15.	2.8	33
162	Developmental and Hormonal Regulation of Transforming Growth Factor-Î± and Epidermal Growth Factor Receptor Gene Expression in Isolated Prostatic Epithelial and Stromal Cells*. Endocrinology, 1998, 139, 1369-1377.	2.8	32

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163	An in vivo mouse reporter gene (human secreted alkaline phosphatase) model to monitor ovarian tumor growth and response to therapeutics. Cancer Chemotherapy and Pharmacology, 2002, 49, 93-100.	2.3	32
164	Epigenetic transgenerational inheritance of parent-of-origin allelic transmission of outcross pathology and sperm epimutations. Developmental Biology, 2020, 458, 106-119.	2.0	32
165	Epigenetic transgenerational inheritance, gametogenesis and germline developmentâ€. Biology of Reproduction, 2021, 105, 570-592.	2.7	32
166	Role of the Basic Helix-Loop-Helix Transcription Factor, Scleraxis, in the Regulation of Sertoli Cell Function and Differentiation. Molecular Endocrinology, 2005, 19, 2164-2174.	3.7	31
167	Gene bionetworks involved in the epigenetic transgenerational inheritance of altered mate preference: environmental epigenetics and evolutionary biology. BMC Genomics, 2014, 15, 377.	2.8	31
168	Environmental Toxicant Induced Epigenetic Transgenerational Inheritance of Prostate Pathology and Stromal-Epithelial Cell Epigenome and Transcriptome Alterations: Ancestral Origins of Prostate Disease. Scientific Reports, 2019, 9, 2209.	3.3	31
169	Rat thecal/interstitial cells produce a mitogenic activity that promotes the growth of granulosa cells. Molecular and Cellular Endocrinology, 1988, 55, 209-217.	3.2	29
170	Actions of Extracellular Matrix on Sertoli Cell Morphology and Function1. Biology of Reproduction, 1989, 40, 691-702.	2.7	29
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