Bernard A J Roelen

List of Publications by Year
in descending order

161	12,070	43973 48	29081 104
papers	citations	h-index	g-index

166	166	166	15597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phiclust: a clusterability measure for single-cell transcriptomics reveals phenotypic subpopulations. Genome Biology, 2022, 23, 18.	3.8	4
2	Emerging in vitro platforms and omics technologies for studying the endometrium and early embryo-maternal interface in humans. Placenta, 2022, 125, 36-46.	0.7	4
3	Human induced pluripotent stem cells display a similar mutation burden as embryonic pluripotent cells inÂvivo. IScience, 2022, 25, 103736.	1.9	5
4	Fetal germ cell development in humans, a link with infertility. Seminars in Cell and Developmental Biology, 2022, 131, 58-65.	2.3	9
5	Humanised Mice and Immunodeficient Mice (NSG) Are Equally Sensitive for Prediction of Stem Cell Malignancy in the Teratoma Assay. International Journal of Molecular Sciences, 2022, 23, 4680.	1.8	2
6	Characterization of the epidermal-dermal junction in hiPSC-derived skin organoids. Stem Cell Reports, 2022, 17, 1279-1288.	2.3	13
7	Silencing XIST on the future active X: Searching human and bovine preimplantation embryos for the repressor. European Journal of Human Genetics, 2022, , .	1.4	2
8	Genetic Basis of Dilated Cardiomyopathy in Dogs and Its Potential as a Bidirectional Model. Animals, 2022, 12, 1679.	1.0	5
9	Ochratoxin A affects oocyte maturation and subsequent embryo developmental dynamics in the juvenile sheep model. Mycotoxin Research, 2021, 37, 23-37.	1.3	5
10	Beauvericin alters the expression of genes coding for key proteins of the mitochondrial chain in ovine cumulus-oocyte complexes. Mycotoxin Research, 2021, 37, 1-9.	1.3	4
11	Rethinking organoid technology through bioengineering. Nature Materials, 2021, 20, 145-155.	13.3	150
12	Gene Regulatory Network Analysis and Engineering Directs Development and Vascularization of Multilineage Human Liver Organoids. Cell Systems, 2021, 12, 41-55.e11.	2.9	59
13	Computational Stem Cell Biology: Open Questions and Guiding Principles. Cell Stem Cell, 2021, 28, 20-32.	5.2	18
14	Activin A-derived human embryonic stem cells show increased competence to differentiate into primordial germ cell-like cells. Stem Cells, 2021, 39, 551-563.	1.4	11
15	Strand-specific single-cell methylomics reveals distinct modes of DNA demethylation dynamics during early mammalian development. Nature Communications, 2021, 12, 1286.	5.8	16
16	Susceptibility of Oocytes from Gilts and Sows to Beauvericin and Deoxynivalenol and Its Relationship with Oxidative Stress. Toxins, 2021, 13, 260.	1.5	3
17	Sex-Specific Isolation and Propagation of Human Premeiotic Fetal Germ Cells and Germ Cell-Like Cells. Cells, 2021, 10, 1214.	1.8	11
18	Lysophosphatidic Acid Accelerates Bovine In Vitro-Produced Blastocyst Formation through the Hippo/YAP Pathway. International Journal of Molecular Sciences, 2021, 22, 5915.	1.8	4

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19	Ligandâ€“Receptor Interactions Elucidate Sex-Specific Pathways in the Trajectory From Primordial Germ Cells to Gonia During Human Development. Frontiers in Cell and Developmental Biology, 2021, 9, 661243.	1.8	13
20	Revealing the spatio-phenotypic patterning of cells in healthy and tumor tissues with mLSR-3D and STAPL-3D. Nature Biotechnology, 2021, 39, 1239-1245.	9.4	14
21	Reverse transcription priming methods affect normalisation choices for gene expression levels in oocytes and early embryos. Molecular Human Reproduction, 2021, 27, .	1.3	4
22	Molecular makeup of the human adult ovary. Current Opinion in Endocrine and Metabolic Research, 2021, 18, 187-193.	0.6	8
23	Improving In Vitro Culture of Human Male Fetal Germ Cells. Cells, 2021, 10, 2033.	1.8	5
24	Engineered models of the human embryo. Nature Biotechnology, 2021, 39, 918-920.	9.4	9
25	Transcriptional progression during meiotic prophase I reveals sex-specific features and X chromosome dynamics in human fetal female germline. PLoS Genetics, 2021, 17, e1009773.	1.5	8
26	Tissue of Origin, but Not XCI State, Influences Germ Cell Differentiation from Human Pluripotent Stem Cells. Cells, 2021, 10, 2400.	1.8	5
27	Single-Cell Transcriptomics Analysis of Human Small Antral Follicles. International Journal of Molecular Sciences, 2021, 22, 11955.	1.8	18
28	Alternariol disturbs oocyte maturation and preimplantation development. Mycotoxin Research, 2020, 36, 93-101.	1.3	7
29	ESHRE guideline: female fertility preservationâ€. Human Reproduction Open, 2020, 2020, hoaa052.	2.3	282
30	Visualizing Dynamic Changes at the Maternal-Fetal Interface Throughout Human Pregnancy by Mass Cytometry. Frontiers in Immunology, 2020, 11, 571300.	2.2	19
31	InÂVitro Meiosis of Male Germline Stem Cells. Stem Cell Reports, 2020, 15, 1140-1153.	2.3	18
32	A 34-Marker Panel for Imaging Mass Cytometric Analysis of Human Snap-Frozen Tissue. Frontiers in Immunology, 2020, 11, 1466.	2.2	24
33	Modelling human embryogenesis: embryo-like structures spark ethical and policy debate. Human Reproduction Update, 2020, 26, 779-798.	5.2	36
34	Mutation accumulation and developmental lineages in normal and Down syndrome human fetal haematopoiesis. Scientific Reports, 2020, 10, 12991.	1.6	19
35	Bovine oocyte maturation: acquisition of developmental competence. Reproduction, Fertility and Development, 2020, 32, 98.	0.1	7
36	One-step automated bioprinting-based method for cumulus-oocyte complex microencapsulation for 3D in vitro maturation. PLoS ONE, 2020, 15, e0238812.	1.1	20

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37	PIWIL3 Forms a Complex with TDRKH in Mammalian Oocytes. Cells, 2020, 9, 1356.	1.8	12
38	The TGFÎ² Family in Human Placental Development at the Fetal-Maternal Interface. Biomolecules, 2020, 10, 453.	1.8	23
39	Microinjection induces changes in the transcriptome of bovine oocytes. Scientific Reports, 2020, 10, 11211.	1.6	3
40	Initiation of X Chromosome Inactivation during Bovine Embryo Development. Cells, 2020, 9, 1016.	1.8	16
41	Sperm DNA damage causes genomic instability in early embryonic development. Science Advances, 2020, 6, eaaz7602.	4.7	37
42	Cellular Fragments in the Perivitelline Space Are Not a Predictor of Expanded Blastocyst Quality. Frontiers in Cell and Developmental Biology, 2020, 8, 616801.	1.8	4
43	Preimplantation Development: From Germ Cells to Blastocyst. Learning Materials in Biosciences, 2020, , 11-27.	0.2	0
44	Title is missing!. , 2020, 15, e0238812.		0
45	Title is missing!. , 2020, 15, e0238812.		0
46	Title is missing!. , 2020, 15, e0238812.		0
47	Title is missing!. , 2020, 15, e0238812.		0
48	Title is missing!. , 2020, 15, e0238812.		0
49	The mycotoxin beauvericin induces oocyte mitochondrial dysfunction and affects embryo development in the juvenile sheep. Molecular Reproduction and Development, 2019, 86, 1430-1443.	1.0	18
50	Early-Life Compartmentalization of Immune Cells in Human Fetal Tissues Revealed by High-Dimensional Mass Cytometry. Frontiers in Immunology, 2019, 10, 1932.	2.2	15
51	Memory CD4+ T cells are generated in the human fetal intestine. Nature Immunology, 2019, 20, 301-312.	7.0	132
52	Human blastocyst outgrowths recapitulate primordial germ cell specification events. Molecular Human Reproduction, 2019, 25, 519-526.	1.3	18
53	Early divergence of mutational processes in human fetal tissues. Science Advances, 2019, 5, eaaw1271.	4.7	24
54	Accelerating maturation of kidney organoids. Nature Materials, 2019, 18, 303-304.	13.3	6

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55	WNT Inhibition and Increased FGF Signaling Promotes Derivation of Less Heterogeneous Primed Human Embryonic Stem Cells, Compatible with Differentiation. Stem Cells and Development, 2019, 28, 579-592.	1.1	9
56	Variation in DNA methylation in the KvDMR1 (ICR2) region in first-trimester human pregnancies. Fertility and Sterility, 2019, 111, 1186-1193.	0.5	4
57	Single-cell transcriptomics reveals gene expression dynamics of human fetal kidney development. PLoS Biology, 2019, 17, e3000152.	2.6	121
58	Skewed X-inactivation is common in the general female population. European Journal of Human Genetics, 2019, 27, 455-465.	1.4	119
59	FoxD1-driven CCN2 deletion causes axial skeletal deformities, pulmonary hypoplasia, and neonatal asphyctic death. Journal of Cell Communication and Signaling, 2019, 13, 573-577.	1.8	3
60	Human-specific subcellular compartmentalization of P-element induced wimpy testis-like (PIWIL) granules during germ cell development and spermatogenesis. Human Reproduction, 2018, 33, 258-269.	0.4	37
61	Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. Stem Cell Reports, 2018, 10, 712-724.	2.3	106
62	Characterization of migratory primordial germ cells in the aorta-gonad-mesonephros of a 4.5-week-old human embryo: a toolbox to evaluate in vitro early gametogenesis. Molecular Human Reproduction, 2018, 24, 233-243.	1.3	23
63	Mass cytometry reveals innate lymphoid cell differentiation pathways in the human fetal intestine. Journal of Experimental Medicine, 2018, 215, 1383-1396.	4.2	74
64	Long-Term Expansion of Functional Mouse and Human Hepatocytes as 3D Organoids. Cell, 2018, 175, 1591-1606.e19.	13.5	505
65	Regenerative Medicine: Taming the Chimaera. Stem Cell Reports, 2018, 11, 849-851.	2.3	1
66	3D Modeling of Esophageal Development using Human PSC-Derived Basal Progenitors Reveals a Critical Role for Notch Signaling. Cell Stem Cell, 2018, 23, 516-529.e5.	5.2	70
67	Parental haplotype-specific single-cell transcriptomics reveal incomplete epigenetic reprogramming in human female germ cells. Nature Communications, 2018, 9, 1873.	5.8	46
68	Metabolomic profiles of bovine cumulus cells and cumulus-oocyte-complex-conditioned medium during maturation in vitro. Scientific Reports, 2018, 8, 9477.	1.6	35
69	Exposure to elevated glucose concentrations alters the metabolomic profile of bovine blastocysts. PLoS ONE, 2018, 13, e0199310.	1.1	13
70	Amniotic ectoderm expansion occurs via distinct modes and requires SMAD5-mediated signalling. Development (Cambridge), 2018, 145, .	1.2	18
71	PDGFRÎ±+ Cells in Embryonic Stem Cell Cultures Represent the InÂVitro Equivalent of the Pre-implantation Primitive Endoderm Precursors. Stem Cell Reports, 2017, 8, 318-333.	2.3	26
72	X chromosome inactivation in human pluripotent stem cells as a model for human development: back to the drawing board?. Human Reproduction Update, 2017, 23, 520-532.	5.2	34

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73	Stearoyl-CoA desaturase activity in bovine cumulus cells protects the oocyte against saturated fatty acid stress. Biology of Reproduction, 2017, 96, 982-992.	1.2	65
74	Systematic in vitro and in vivo characterization of Leukemiaâ€inhibiting factorâ€and Fibroblast growth factorâ€derived porcine induced pluripotent stem cells. Molecular Reproduction and Development, 2017, 84, 229-245.	1.0	13
75	DNA methylation and transcriptional trajectories during human development and reprogramming of isogenic pluripotent stem cells. Nature Communications, 2017, 8, 908.	5.8	53
76	MicroRNA Expression in Bovine Cumulus Cells in Relation to Oocyte Quality. Non-coding RNA, 2017, 3, 12.	1.3	17
77	Human Extravillous Trophoblasts Penetrate Decidual Veins and Lymphatics before Remodeling Spiral Arteries during Early Pregnancy. PLoS ONE, 2017, 12, e0169849.	1.1	41
78	Characterization of bovine embryos cultured under conditions appropriate for sustaining human naÃ¯ve pluripotency. PLoS ONE, 2017, 12, e0172920.	1.1	17
79	BMP-SMAD signalling output is highly regionalized in cardiovascular and lymphatic endothelial networks. BMC Developmental Biology, 2016, 16, 34.	2.1	17
80	Toxicity of beauvericin on porcine oocyte maturation and preimplantation embryo development. Reproductive Toxicology, 2016, 65, 159-169.	1.3	34
81	Germline development in amniotes: A paradigm shift in primordial germ cell specification. BioEssays, 2016, 38, 791-800.	1.2	26
82	BMP and Hedgehog Regulate Distinct AGM Hematopoietic Stem Cells ExÂVivo. Stem Cell Reports, 2016, 6, 383-395.	2.3	37
83	On the development of extragonadal and gonadal human germ cells. Biology Open, 2016, 5, 185-194.	0.6	25
84	BMP-SMAD Signaling Regulates Lineage Priming, but Is Dispensable for Self-Renewal in Mouse Embryonic Stem Cells. Stem Cell Reports, 2016, 6, 85-94.	2.3	27
85	Meiotic wave adds extra asymmetry to the development of female chicken gonads. Molecular Reproduction and Development, 2015, 82, 774-786.	1.0	11
86	Atrialâ€like cardiomyocytes from human pluripotent stem cells are a robust preclinical model for assessing atrialâ€selective pharmacology. EMBO Molecular Medicine, 2015, 7, 394-410.	3.3	310
87	DNA Methylation Landscapes of Human Fetal Development. PLoS Genetics, 2015, 11, e1005583.	1.5	73
88	TACC3 Is Important for Correct Progression of Meiosis in Bovine Oocytes. PLoS ONE, 2015, 10, e0132591.	1.1	16
89	Application Of Small Molecules Favoring NaÃ¯ve Pluripotency during Human Embryonic Stem Cell Derivation. Cellular Reprogramming, 2015, 17, 170-180.	0.5	16
90	A Bmp Reporter Transgene Mouse Embryonic Stem Cell Model as a Tool to Identify and Characterize Chemical Teratogens. Toxicological Sciences, 2015, 146, 374-385.	1.4	11

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91	KeyGenes, a Tool to Probe Tissue Differentiation Using a Human Fetal Transcriptional Atlas. Stem Cell Reports, 2015, 4, 1112-1124.	2.3	118
92	Development of the stria vascularis and potassium regulation in the human fetal cochlea: Insights into hereditary sensorineural hearing loss. Developmental Neurobiology, 2015, 75, 1219-1240.	1.5	80
93	A Simple and Robust Method for Establishing Homogeneous Mouse Epiblast Stem Cell Lines by Wnt Inhibition. Stem Cell Reports, 2015, 4, 744-757.	2.3	65
94	Free fatty acid levels in fluid of dominant follicles at the preferred insemination time in dairy cows are not affected by early postpartum fatty acid stress. Journal of Dairy Science, 2015, 98, 2322-2336.	1.4	18
95	Maternal age and in vitro culture affect mitochondrial number and function in equine oocytes and embryos. Reproduction, Fertility and Development, 2015, 27, 957.	0.1	32
96	Development of the follicular basement membrane during human gametogenesis and early folliculogenesis. BMC Developmental Biology, 2015, 15, 4.	2.1	68
97	A mRNA landscape of bovine embryos after standard and MAPK-inhibited culture conditions: a comparative analysis. BMC Genomics, 2015, 16, 277.	1.2	20
98	The Cumulus Cell Layer Protects the Bovine Maturing Oocyte Against Fatty Acid-Induced Lipotoxicity1. Biology of Reproduction, 2015, 92, 16.	1.2	75
99	Validating reference microRNAs for normalizing qRT-PCR data in bovine oocytes and preimplantation embryos. BMC Developmental Biology, 2015, 15, 25.	2.1	29
100	Transcriptome of human foetal heart compared with cardiomyocytes from pluripotent stem cells. Development (Cambridge), 2015, 142, 3231-8.	1.2	139
101	Kidney organoids from human iPS cells contain multiple lineages and model human nephrogenesis. Nature, 2015, 526, 564-568.	13.7	1,210
102	BMP signalling differentially regulates distinct haematopoietic stem cell types. Nature Communications, 2015, 6, 8040.	5.8	74
103	Distribution and Development of Peripheral Glial Cells in the Human Fetal Cochlea. PLoS ONE, 2014, 9, e88066.	1.1	29
104	The Involvement of the Proamnion in the Development of the Anterior Amnion Fold in the Chicken. PLoS ONE, 2014, 9, e92672.	1.1	8
105	Differentiation in Early Development. , 2014, , 121-139.		3
106	Usefulness of bovine and porcine IVM/IVF models for reproductive toxicology. Reproductive Biology and Endocrinology, 2014, 12, 117.	1.4	74
107	Lymphangiogenesis and angiogenesis during human fetal pancreas development. Vascular Cell, 2014, 6, 22.	0.2	14
108	A conserved role for non-neural ectoderm cells in early neural development. Development (Cambridge), 2014, 141, 4127-4138.	1.2	14

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109	Naringenin (NAR) and 8-prenylnaringenin (8-PN) reduce the developmental competence of porcine oocytes in vitro. Reproductive Toxicology, 2014, 49, 1-11.	1.3	14
110	Follicular 17Î²-estradiol and progesterone concentrations and degree of cumulus cell expansion as predictors of inÂvivo-matured oocyte developmental competence in superstimulated heifers. Theriogenology, 2013, 80, 576-583.	0.9	23
111	Neurosensory development and cell fate determination in the human cochlea. Neural Development, 2013, 8, 20.	1.1	70
112	Derivation of human embryonic stem cells using a postâ€“inner cell mass intermediate. Nature Protocols, 2013, 8, 254-264.	5.5	23
113	Primordial Germ Cells in Mouse and Human. , 2013, , 179-189.		3
114	Bovine Cumulus Cells Protect Maturing Oocytes from Increased Fatty Acid Levels by Massive Intracellular Lipid Storage. Biology of Reproduction, 2013, 88, 164-164.	1.2	102
115	Meet the Stem Cells. Contemporary Food Engineering, 2013, , 111-142.	0.2	0
116	Tracking the progression of the human inner cell mass during embryonic stem cell derivation. Nature Biotechnology, 2012, 30, 278-282.	9.4	109
117	The roles of FGF and MAP kinase signaling in the segregation of the epiblast and hypoblast cell lineages in bovine and human embryos. Development (Cambridge), 2012, 139, 871-882.	1.2	230
118	Cell Lineage Specific Distribution of H3K27 Trimethylation Accumulation in an In Vitro Model for Human Implantation. PLoS ONE, 2012, 7, e32701.	1.1	25
119	Sarcosin (Krp1) in skeletal muscle differentiation: gene expression profiling and knockdown experiments. International Journal of Developmental Biology, 2012, 56, 301-309.	0.3	12
120	Transgenerational toxicity of Zearalenone in pigs. Reproductive Toxicology, 2012, 34, 110-119.	1.3	114
121	Analysis of co-expression of OCT4, NANOG and SOX2 in pluripotent cells of the porcine embryo, in vivo and in vitro. Theriogenology, 2011, 75, 513-526.	0.9	69
122	Establishing reference genes for use in real-time quantitative PCR analysis of early equine embryos. Reproduction, Fertility and Development, 2011, 23, 353.	0.1	12
123	Alpha 6 integrin is important for myogenic stem cell differentiation. Stem Cell Research, 2011, 7, 112-123.	0.3	33
124	Oleic Acid Prevents Detrimental Effects of Saturated Fatty Acids on Bovine Oocyte Developmental Competence1. Biology of Reproduction, 2011, 85, 62-69.	1.2	224
125	Functional Germ Cells: The Power of Soma. Biology of Reproduction, 2011, 84, 619-620.	1.2	0
126	The different shades of mammalian pluripotent stem cells. Human Reproduction Update, 2011, 17, 254-271.	5.2	47

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127	Extracellular matrix components direct porcine muscle stem cell behavior. Experimental Cell Research, 2010, 316, 341-352.	1.2	81
128	Natural Selection of Human Embryos: Impaired Decidualization of Endometrium Disables Embryo-Maternal Interactions and Causes Recurrent Pregnancy Loss. PLoS ONE, 2010, 5, e10287.	1.1	323
129	Clathrin is essential for meiotic spindle function in oocytes. Reproduction, 2010, 140, 223-233.	1.1	20
130	Differentiation of Porcine Inner Cell Mass Cells Into Proliferating Neural Cells. Stem Cells and Development, 2010, 19, 61-70.	1.1	24
131	On the formation of germ cells: The good, the bad and the ugly. Differentiation, 2010, 79, 131-140.	1.0	32
132	Natural Selection of Human Embryos: Decidualizing Endometrial Stromal Cells Serve as Sensors of Embryo Quality upon Implantation. PLoS ONE, 2010, 5, e10258.	1.1	261
133	A Distinct Expression Pattern in Mammalian Testes Indicates a Conserved Role for NANOG in Spermatogenesis. PLoS ONE, 2010, 5, e10987.	1.1	34
134	The effects of growth factors on in vitro-cultured porcine testicular cells. Reproduction, 2009, 138, 721-731.	1.1	68
135	CAZIP, a novel protein expressed in the developing heart and nervous system. Developmental Dynamics, 2009, 238, 2903-2911.	0.8	13
136	Complete follicular development and recovery of ovarian function of frozen-thawed, autotransplanted caprine ovarian cortex. Fertility and Sterility, 2009, 91, 1455-1458.	0.5	33
137	Osmotic tolerance and freezability of isolated caprine early-staged follicles. Cell and Tissue Research, 2008, 333, 323-331.	1.5	16
138	Differences in early lineage segregation between mammals. Developmental Dynamics, 2008, 237, 918-927.	0.8	187
139	Isolation and characterization of porcine adult muscleâ€derived progenitor cells. Journal of Cellular Biochemistry, 2008, 105, 1228-1239.	1.2	67
140	Enhancement of Bovine oocyte maturation by leptin is accompanied by an upregulation in mRNA expression of leptin receptor isoforms in cumulus cells. Molecular Reproduction and Development, 2008, 75, 578-587.	1.0	48
141	Blastocyst morphology, actin cytoskeleton quality and chromosome content are correlated with embryo quality in the pig. Theriogenology, 2008, 70, 923-935.	0.9	16
142	Of Stem Cells and Gametes: Similarities and Differences. Current Medicinal Chemistry, 2008, 15, 1249-1256.	1.2	15
143	Exposure of bovine sperm to pro-oxidants impairs the developmental competence of the embryo after the first cleavage. Theriogenology, 2007, 67, 609-619.	0.9	45
144	Exposure of Oocytes to the Fusarium Toxins Zearalenone and Deoxynivalenol Causes Aneuploidy and Abnormal Embryo Development in Pigs1. Biology of Reproduction, 2007, 77, 840-847.	1.2	109

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145	Validation of reference genes for quantitative RT-PCR studies in porcine oocytes and preimplantation embryos. BMC Developmental Biology, 2007, 7, 58.	2.1	135
146	Derivation of pluripotent epiblast stem cells from mammalian embryos. Nature, 2007, 448, 191-195.	13.7	1,842
147	Developmental competence of bovine oocytes after specific inhibition of MPF kinase activity: Effect of estradiol supplementation and follicle size. Animal Reproduction Science, 2006, 92, 231-240.	0.5	15
148	Increased Cardiomyocyte Differentiation from Human Embryonic Stem Cells in Serum-Free Cultures. Stem Cells, 2005, 23, 772-780.	1.4	324
149	Presence of cumulus cells during in vitro fertilization protects the bovine oocyte against oxidative stress and improves first cleavage but does not affect further development. Zygote, 2005, 13, 177-185.	0.5	74
150	BMP signaling mediated by ALK2 in the visceral endoderm is necessary for the generation of primordial germ cells in the mouse embryo. Genes and Development, 2004, 18, 1838-1849.	2.7	180
151	Sclerostin Is an Osteocyte-expressed Negative Regulator of Bone Formation, But Not a Classical BMP Antagonist. Journal of Experimental Medicine, 2004, 199, 805-814.	4.2	785
152	Role of Fas-Mediated Apoptosis and Follicle-Stimulating Hormone on the Developmental Capacity of Bovine Cumulus Oocyte Complexes In Vitro1. Biology of Reproduction, 2004, 71, 790-796.	1.2	25
153	Estradiol and Its Membrane-Impermeable Conjugate (Estradiol-Bovine Serum Albumin) During In Vitro Maturation of Bovine Oocytes: Effects on Nuclear and Cytoplasmic Maturation, Cytoskeleton, and Embryo Quality. Biology of Reproduction, 2004, 70, 1465-1474.	1.2	60
154	Controlling mesenchymal stem cell differentiation by TGFÎ² family members. Journal of Orthopaedic Science, 2003, 8, 740-748.	0.5	155
155	Rnf2 (Ring1b) deficiency causes gastrulation arrest and cell cycle inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2468-2473.	3.3	308
156	Hox cluster polarity in early transcriptional availability: a high order regulatory level of clustered Hox genes in the mouse. Mechanisms of Development, 2002, 119, 81-90.	1.7	41
157	Expression of the Î±6A integrin splice variant in developing mouse embryonic stem cell aggregates and correlation with cardiac muscle differentiation. Differentiation, 1999, 64, 173.	1.0	17
158	Identification of two distinct functions for TGF-Î² in early mouse development. Differentiation, 1998, 64, 19-31.	1.0	23
159	DPC4 (SMAD4) mediates transforming growth factor-Î²1 (TGF-Î²1) induced growth inhibition and transcriptional response in breast tumour cells. Oncogene, 1997, 14, 1891-1899.	2.6	132
160	Expression patterns of laminin receptor splice variants Î±6AÎ²1 and Î±6BÎ²1 suggest different roles in mouse development. Developmental Dynamics, 1995, 204, 240-258.	0.8	52
161	Expression of TGF-Î²s and Their Receptors during Implantation and Organogenesis of the Mouse Embryo. Developmental Biology, 1994, 166, 716-728.	0.9	124