

Martin M Matzuk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

278
papers

29,507
citations

85
h-index

167
g-index

290
ext. papers

32,345
ext. citations

9.8
avg, IF

6.85
L-index

#	Paper	IF	Citations
278	Unique Diacidic Fragments Inhibit the OXA-48 Carbapenemase and Enhance the Killing of Producing OXA-48. <i>ACS Infectious Diseases</i> , 2021 , 7, 3345-3354	5.5	0
277	Cooperation-based sperm clusters mediate sperm oviduct entry and fertilization. <i>Protein and Cell</i> , 2021 , 12, 810-817	7.2	4
276	NicosamideB potential direct targets in ovarian cancer \square <i>Biology of Reproduction</i> , 2021 , 105, 403-412	3.9	2
275	Endometrial receptivity and implantation require uterine BMP signaling through an ACVR2A-SMAD1/SMAD5 axis. <i>Nature Communications</i> , 2021 , 12, 3386	17.4	3
274	Discovery and characterization of bromodomain 2-specific inhibitors of BRDT. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
273	ARMC12 regulates spatiotemporal mitochondrial dynamics during spermiogenesis and is required for male fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
272	Mass-spectrometry-based proteomic correlates of grade and stage reveal pathways and kinases associated with aggressive human cancers. <i>Oncogene</i> , 2021 , 40, 2081-2095	9.2	8
271	Local versus systemic control of bone and skeletal muscle mass by components of the transforming growth factor- β signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
270	DNA-encoded chemistry technology yields expedient access to SARS-CoV-2 M inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	9
269	Follistatin mediates learning and synaptic plasticity via regulation of Asic4 expression in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
268	FAM209 associates with DPY19L2, and is required for sperm acrosome biogenesis and fertility in mice. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	3
267	Design and construction of a stereochemically diverse piperazine-based DNA-encoded chemical library. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 48, 116387	3.4	4
266	CIB4 is essential for the haploid phase of spermatogenesis in mice \square <i>Biology of Reproduction</i> , 2020 , 103, 235-243	3.9	3
265	Sperm proteins SOF1, TMEM95, and SPACA6 are required for sperm-oocyte fusion in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11493-11502	11.5	41
264	Tmprss12 is required for sperm motility and uterotubal junction migration in mice \square <i>Biology of Reproduction</i> , 2020 , 103, 254-263	3.9	12
263	NELL2-mediated lumicrine signaling through OVCH2 is required for male fertility. <i>Science</i> , 2020 , 368, 1132-1135	33.3	23
262	Knockout of family with sequence similarity 170 member A (Fam170a) causes male subfertility, while Fam170b is dispensable in mice \square <i>Biology of Reproduction</i> , 2020 , 103, 205-222	3.9	4

261	CRISPR/Cas9-based genome editing in mice uncovers 13 testis- or epididymis-enriched genes individually dispensable for male reproduction <i>Biology of Reproduction</i> , 2020 , 103, 183-194	3.9	6
260	CRISPR/Cas9-mediated genome-edited mice reveal 10 testis-enriched genes are dispensable for male fecundity. <i>Biology of Reproduction</i> , 2020 , 103, 195-204	3.9	12
259	Identifying Oxacillinase-48 Carbapenemase Inhibitors Using DNA-Encoded Chemical Libraries. <i>ACS Infectious Diseases</i> , 2020 , 6, 1214-1227	5.5	18
258	Discovery of potent thrombin inhibitors from a protease-focused DNA-encoded chemical library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16782-16789	11.5	20
257	Knockout of mouse receptor accessory protein 6 leads to sperm function and morphology defects <i>Biology of Reproduction</i> , 2020 , 102, 1234-1247	3.9	6
256	C-N Coupling of DNA-Conjugated (Hetero)aryl Bromides and Chlorides for DNA-Encoded Chemical Library Synthesis. <i>Bioconjugate Chemistry</i> , 2020 , 31, 770-780	6.3	24
255	The testis-specific serine proteases PRSS44, PRSS46, and PRSS54 are dispensable for male mouse fertility <i>Biology of Reproduction</i> , 2020 , 102, 84-91	3.9	17
254	Identifying Metabolic Pathways of c-MET Tyrosine Kinase Inhibitor Tepotinib in Human and Mouse Liver Microsomes. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	1
253	Homogeneous and Functional Group Tolerant Ring-Closing Metathesis for DNA-Encoded Chemical Libraries. <i>ACS Combinatorial Science</i> , 2020 , 22, 80-88	3.9	18
252	Mouse t-complex protein 11 is important for progressive motility in sperm <i>Biology of Reproduction</i> , 2020 , 102, 852-862	3.9	7
251	Solution-Phase Fmoc-Based Peptide Synthesis for DNA-Encoded Chemical Libraries: Reaction Conditions, Protecting Group Strategies, and Pitfalls. <i>ACS Combinatorial Science</i> , 2020 , 22, 833-843	3.9	4
250	Clinical performance of a semi-quantitative assay for SARS-CoV2 IgG and SARS-CoV2 IgM antibodies. <i>Clinica Chimica Acta</i> , 2020 , 510, 790-795	6.2	6
249	Synthesis of 5-substituted tetrazoles DNA-conjugated nitrile. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 9221-9226	3.9	6
248	Cfap97d1 is important for flagellar axoneme maintenance and male mouse fertility. <i>PLoS Genetics</i> , 2020 , 16, e1008954	6	5
247	Large-scale discovery of male reproductive tract-specific genes through analysis of RNA-seq datasets. <i>BMC Biology</i> , 2020 , 18, 103	7.3	10
246	Spermatozoa lacking Fertilization Influencing Membrane Protein (FIMP) fail to fuse with oocytes in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 9393-9400	11.5	28
245	Knockout of serine-rich single-pass membrane protein 1 (Ssmem1) causes globozoospermia and sterility in male mice <i>Biology of Reproduction</i> , 2020 , 103, 244-253	3.9	3
244	Prss55 but not Prss51 is required for male fertility in mice <i>Biology of Reproduction</i> , 2020 , 103, 223-234	3.9	9

243	Metabolism of JQ1, an inhibitor of bromodomain and extra terminal bromodomain proteins, in human and mouse liver microsomes <i>Biological Reproduction</i> , 2020 , 103, 427-436	3.9	6
242	Quantitative Comparison of Enrichment from DNA-Encoded Chemical Library Selections. <i>ACS Combinatorial Science</i> , 2019 , 21, 75-82	3.9	38
241	Activin-like kinase 5 (ALK5) inactivation in the mouse uterus results in metastatic endometrial carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3883-3892	11.5	21
240	CRISPR/Cas9-mediated genome editing reveals 30 testis-enriched genes dispensable for male fertility in mice <i>Biological Reproduction</i> , 2019 , 101, 501-511	3.9	45
239	Reply to Liu et al.: ALK5-mediated tumor suppressor signaling through SMAD2 and SMAD3 in the uterus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9166-9167	11.5	11.5
238	A Mild, DNA-Compatible Nitro Reduction Using B(OH). <i>Organic Letters</i> , 2019 , 21, 2194-2199	6.2	41
237	Multistep Synthesis of 1,2,4-Oxadiazoles via DNA-Conjugated Aryl Nitrile Substrates. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1304-1308	6.3	17
236	Systematic Identification of Druggable Epithelial-Stromal Crosstalk Signaling Networks in Ovarian Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 272-282	9.7	20
235	Structural characterization of an activin class ternary receptor complex reveals a third paradigm for receptor specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15505-15513	11.5	28
234	Palladium-Catalyzed Hydroxycarbonylation of (Hetero)aryl Halides for DNA-Encoded Chemical Library Synthesis. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2209-2215	6.3	17
233	Identification of multiple male reproductive tract-specific proteins that regulate sperm migration through the oviduct in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18498-18506	11.5	23
232	Uterine double-conditional inactivation of and in mice causes endometrial dysregulation, infertility, and uterine cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3873-3882	11.5	27
231	Dynamic cytoplasmic projections connect mammalian spermatogonia. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	12
230	The TGF- β Family in the Reproductive Tract. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017 , 9,	10.2	39
229	Reconstitution of the oocyte nucleolus in mice through a single nucleolar protein, NPM2. <i>Journal of Cell Science</i> , 2017 , 130, 2416-2429	5.3	17
228	Follistatin is critical for mouse uterine receptivity and decidualization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4772-E4781	11.5	15
227	In vitro differentiation of human embryonic stem cells into ovarian follicle-like cells. <i>Nature Communications</i> , 2017 , 8, 15680	17.4	51
226	Identification of KIAA1210 as a novel X-chromosome-linked protein that localizes to the acrosome and associates with the ectoplasmic specialization in testes. <i>Biological Reproduction</i> , 2017 , 96, 469-477	3.9	5

225	CRISPR/Cas9-derived models of ovarian high grade serous carcinoma targeting Brca1, Pten and NF1, and correlation with platinum sensitivity. <i>Scientific Reports</i> , 2017 , 7, 16827	4.9	34
224	TCTE1 is a conserved component of the dynein regulatory complex and is required for motility and metabolism in mouse spermatozoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5370-E5378	11.5	47
223	Pentraxin 3 deletion aggravates allergic inflammation through a T17-dominant phenotype and enhanced CD4 T-cell survival. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 950-963.e9	11.5	27
222	BMP7 Induces Uterine Receptivity and Blastocyst Attachment. <i>Endocrinology</i> , 2017 , 158, 979-992	4.8	26
221	MRG15 is required for pre-mRNA splicing and spermatogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5408-15	11.5	32
220	Uterine ALK3 is essential during the window of implantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E387-95	11.5	31
219	Epithelialization of mouse ovarian tumor cells originating in the fallopian tube stroma. <i>Oncotarget</i> , 2016 , 7, 66077-66086	3.3	11
218	Genome engineering uncovers 54 evolutionarily conserved and testis-enriched genes that are not required for male fertility in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7704-10	11.5	98
217	Whole Reproductive System Non-Negative Matrix Factorization Mass Spectrometry Imaging of an Early-Stage Ovarian Cancer Mouse Model. <i>PLoS ONE</i> , 2016 , 11, e0154837	3.7	21
216	Recurrent BCAM-AKT2 fusion gene leads to a constitutively activated AKT2 fusion kinase in high-grade serous ovarian carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1272-7	11.5	32
215	Lineage specification of ovarian theca cells requires multicellular interactions via oocyte and granulosa cells. <i>Nature Communications</i> , 2015 , 6, 6934	17.4	112
214	Uterine Activin-Like Kinase 4 Regulates Trophoblast Development During Mouse Placentation. <i>Molecular Endocrinology</i> , 2015 , 29, 1684-93		19
213	DEVELOPMENTAL BIOLOGY. Toward a rapid and reversible male pill. <i>Science</i> , 2015 , 350, 385-6	33.3	5
212	Uterine activin receptor-like kinase 5 is crucial for blastocyst implantation and placental development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5098-107	11.5	42
211	Insights Into SMAD4 Loss in Pancreatic Cancer From Inducible Restoration of TGF- β Signaling. <i>Molecular Endocrinology</i> , 2015 , 29, 1440-53		21
210	Recurrent DICER1 hotspot mutations in endometrial tumours and their impact on microRNA biogenesis. <i>Journal of Pathology</i> , 2015 , 237, 215-25	9.4	28
209	Metabolomic serum profiling detects early-stage high-grade serous ovarian cancer in a mouse model. <i>Journal of Proteome Research</i> , 2015 , 14, 917-27	5.6	15
208	Poreless eggshells. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4005-7	15.9	1

207	Disrupting the male germ line to find infertility and contraception targets. <i>Annales D'Endocrinologie</i> , 2014 , 75, 101-8	1.7	11
206	CDKN2D-WDFY2 is a cancer-specific fusion gene recurrent in high-grade serous ovarian carcinoma. <i>PLoS Genetics</i> , 2014 , 10, e1004216	6	35
205	Activation of neuronal gene expression by the JMJD3 demethylase is required for postnatal and adult brain neurogenesis. <i>Cell Reports</i> , 2014 , 8, 1290-9	10.6	85
204	Functional analysis of miR-34c as a putative tumor suppressor in high-grade serous ovarian cancer. <i>Biology of Reproduction</i> , 2014 , 91, 113	3.9	14
203	Amino acid 72 of mouse and human GDF9 mature domain is responsible for altered homodimer bioactivities but has subtle effects on GDF9:BMP15 heterodimer activities. <i>Biology of Reproduction</i> , 2014 , 91, 142	3.9	3
202	GASZ promotes germ cell derivation from embryonic stem cells. <i>Stem Cell Research</i> , 2013 , 11, 845-60	1.6	18
201	Growth differentiation factor 9:bone morphogenetic protein 15 heterodimers are potent regulators of ovarian functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E776-85	11.5	194
200	BMPR2 is required for postimplantation uterine function and pregnancy maintenance. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2539-50	15.9	79
199	Activin-like kinase 2 functions in peri-implantation uterine signaling in mice and humans. <i>PLoS Genetics</i> , 2013 , 9, e1003863	6	61
198	UBE2B mRNA alterations are associated with severe oligozoospermia in infertile men. <i>Molecular Human Reproduction</i> , 2013 , 19, 388-94	4.4	13
197	Reply to Mottershead et al.: GDF9:BMP15 heterodimers are potent regulators of ovarian functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E2258	11.5	3
196	Bidirectional communication between oocytes and ovarian follicular somatic cells is required for meiotic arrest of mammalian oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E3723-9	11.5	129
195	H3K27 demethylase, JMJD3, regulates fragmentation of spermatogonial cysts. <i>PLoS ONE</i> , 2013 , 8, e72689	3.9	23
194	Small-molecule inhibition of BRDT for male contraception. <i>Cell</i> , 2012 , 150, 673-84	56.2	277
193	Association of mutations in the zona pellucida binding protein 1 (ZBP1) gene with abnormal sperm head morphology in infertile men. <i>Molecular Human Reproduction</i> , 2012 , 18, 14-21	4.4	51
192	Dysregulation of uterine signaling pathways in progesterone receptor-Cre knockout of dicer. <i>Molecular Endocrinology</i> , 2012 , 26, 1552-66		27
191	Genetics of mammalian reproduction: modeling the end of the germline. <i>Annual Review of Physiology</i> , 2012 , 74, 503-28	23.1	39
190	High-grade serous ovarian cancer arises from fallopian tube in a mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3921-6	11.5	270

189	Endothelial pentraxin 3 contributes to murine ischemic acute kidney injury. <i>Kidney International</i> , 2012 , 82, 1195-207	9.9	31
188	Role of satellite cells versus myofibers in muscle hypertrophy induced by inhibition of the myostatin/activin signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2353-60	11.5	131
187	Characterization of spermatogonial stem cells lacking intercellular bridges and genetic replacement of a mutation in spermatogonial stem cells. <i>PLoS ONE</i> , 2012 , 7, e38914	3.7	12
186	Reproductive tract function and dysfunction in women. <i>Nature Reviews Endocrinology</i> , 2011 , 7, 517-25	15.2	21
185	Identification and characterization of RBM44 as a novel intercellular bridge protein. <i>PLoS ONE</i> , 2011 , 6, e17066	3.7	18
184	Connective tissue growth factor is required for normal follicle development and ovulation. <i>Molecular Endocrinology</i> , 2011 , 25, 1740-59		74
183	The testis-enriched histone demethylase, KDM4D, regulates methylation of histone H3 lysine 9 during spermatogenesis in the mouse but is dispensable for fertility. <i>Biology of Reproduction</i> , 2011 , 84, 1225-34	3.9	85
182	Germ cell intercellular bridges. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3, a005850	10.2	128
181	Minireview: The roles of small RNA pathways in reproductive medicine. <i>Molecular Endocrinology</i> , 2011 , 25, 1257-79		30
180	Functional microRNA involved in endometriosis. <i>Molecular Endocrinology</i> , 2011 , 25, 821-32		186
179	Transforming growth factor receptor type 1 is essential for female reproductive tract integrity and function. <i>PLoS Genetics</i> , 2011 , 7, e1002320	6	74
178	Mendelian genetics of male infertility. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1214, E1-E17	6.5	40
177	Activin bioactivity affects germ cell differentiation in the postnatal mouse testis in vivo. <i>Biology of Reproduction</i> , 2010 , 82, 980-90	3.9	61
176	Molecular profiling uncovers a p53-associated role for microRNA-31 in inhibiting the proliferation of serous ovarian carcinomas and other cancers. <i>Cancer Research</i> , 2010 , 70, 1906-15	10.1	209
175	TEX14 interacts with CEP55 to block cell abscission. <i>Molecular and Cellular Biology</i> , 2010 , 30, 2280-92	4.8	59
174	MLL2 is required in oocytes for bulk histone 3 lysine 4 trimethylation and transcriptional silencing. <i>PLoS Biology</i> , 2010 , 8, e1000453	9.7	186
173	Granulosa cell-expressed BMPR1A and BMPR1B have unique functions in regulating fertility but act redundantly to suppress ovarian tumor development. <i>Molecular Endocrinology</i> , 2010 , 24, 1251-66		87
172	Regulation of muscle mass by follistatin and activins. <i>Molecular Endocrinology</i> , 2010 , 24, 1998-2008		191

171	Estrogen promotes the development of mouse cumulus cells in coordination with oocyte-derived GDF9 and BMP15. <i>Molecular Endocrinology</i> , 2010 , 24, 2303-14		69
170	A link between mir-100 and FRAP1/mTOR in clear cell ovarian cancer. <i>Molecular Endocrinology</i> , 2010 , 24, 447-63		198
169	Testicular cell adhesion molecule 1 (TCAM1) is not essential for fertility. <i>Molecular and Cellular Endocrinology</i> , 2010 , 315, 246-53	4.4	8
168	Mouse oocytes enable LH-induced maturation of the cumulus-oocyte complex via promoting EGF receptor-dependent signaling. <i>Molecular Endocrinology</i> , 2010 , 24, 1230-9		88
167	Discovery of novel microRNAs in female reproductive tract using next generation sequencing. <i>PLoS ONE</i> , 2010 , 5, e9637	3.7	84
166	Absence of inhibin alpha and retinoblastoma protein leads to early sertoli cell dysfunction. <i>PLoS ONE</i> , 2010 , 5, e11797	3.7	4
165	Analysis of microRNA expression in the prepubertal testis. <i>PLoS ONE</i> , 2010 , 5, e15317	3.7	82
164	Stable expression and characterization of N-terminal tagged recombinant human bone morphogenetic protein 15. <i>Molecular Human Reproduction</i> , 2009 , 15, 779-88	4.4	46
163	Fibroblast growth factors and epidermal growth factor cooperate with oocyte-derived members of the TGFbeta superfamily to regulate Spry2 mRNA levels in mouse cumulus cells. <i>Biology of Reproduction</i> , 2009 , 81, 833-41	3.9	43
162	Retinoblastoma protein plays multiple essential roles in the terminal differentiation of Sertoli cells. <i>Molecular Endocrinology</i> , 2009 , 23, 1900-13		34
161	GASZ is essential for male meiosis and suppression of retrotransposon expression in the male germline. <i>PLoS Genetics</i> , 2009 , 5, e1000635	6	125
160	Mouse TEX14 is required for embryonic germ cell intercellular bridges but not female fertility. <i>Biology of Reproduction</i> , 2009 , 80, 449-57	3.9	72
159	Preimplantation mouse embryos depend on inhibitory phosphorylation of separase to prevent chromosome missegregation. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1498-505	4.8	21
158	Keratinocyte-derived follistatin regulates epidermal homeostasis and wound repair. <i>Laboratory Investigation</i> , 2009 , 89, 131-41	5.9	22
157	Tektin 3 is required for progressive sperm motility in mice. <i>Molecular Reproduction and Development</i> , 2009 , 76, 453-9	2.6	48
156	LIN28 lets BLIMP1 take the right course. <i>Developmental Cell</i> , 2009 , 17, 160-1	10.2	8
155	Activins and inhibins: novel regulators of thymocyte development. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 229-35	3.4	18
154	Loss of inhibin alpha uncouples oocyte-granulosa cell dynamics and disrupts postnatal folliculogenesis. <i>Developmental Biology</i> , 2009 , 334, 458-67	3.1	67

153	The long pentraxin PTX3 is crucial for tissue inflammation after intestinal ischemia and reperfusion in mice. <i>American Journal of Pathology</i> , 2009 , 174, 1309-18	5.8	81
152	Deficiency of growth differentiation factor 3 protects against diet-induced obesity by selectively acting on white adipose. <i>Molecular Endocrinology</i> , 2009 , 23, 113-23		41
151	The biology of infertility: research advances and clinical challenges. <i>Nature Medicine</i> , 2008 , 14, 1197-213	50.5	671
150	Luteinizing hormone promotes gonadal tumorigenesis in inhibin-deficient mice. <i>Molecular and Cellular Endocrinology</i> , 2008 , 294, 19-28	4.4	17
149	Deletion of Dicer in somatic cells of the female reproductive tract causes sterility. <i>Molecular Endocrinology</i> , 2008 , 22, 2336-52		223
148	A bioinformatics tool for linking gene expression profiling results with public databases of microRNA target predictions. <i>Rna</i> , 2008 , 14, 2290-6	5.8	121
147	Conditional deletion of Smad1 and Smad5 in somatic cells of male and female gonads leads to metastatic tumor development in mice. <i>Molecular and Cellular Biology</i> , 2008 , 28, 248-57	4.8	169
146	Loss of Zona Pellucida Binding Proteins in the Acrosomal Matrix Disrupts Acrosome Biogenesis and Sperm Morphogenesis. <i>Molecular and Cellular Biology</i> , 2008 , 28, 2495-2495	4.8	78
145	Revisiting oocyte-somatic cell interactions: in search of novel intrafollicular predictors and regulators of oocyte developmental competence. <i>Molecular Human Reproduction</i> , 2008 , 14, 673-8	4.4	80
144	Inhibitory phosphorylation of separase is essential for genome stability and viability of murine embryonic germ cells. <i>PLoS Biology</i> , 2008 , 6, e15	9.7	32
143	A mutation in the inner mitochondrial membrane peptidase 2-like gene (Immp2l) affects mitochondrial function and impairs fertility in mice. <i>Biology of Reproduction</i> , 2008 , 78, 601-10	3.9	84
142	Redundant roles of SMAD2 and SMAD3 in ovarian granulosa cells in vivo. <i>Molecular and Cellular Biology</i> , 2008 , 28, 7001-11	4.8	136
141	Mouse let-7 miRNA populations exhibit RNA editing that is constrained in the 5Rseed/cleavage/anchor regions and stabilize predicted mmu-let-7a:mRNA duplexes. <i>Genome Research</i> , 2008 , 18, 1571-81	9.7	82
140	Conditional deletion of the retinoblastoma (Rb) gene in ovarian granulosa cells leads to premature ovarian failure. <i>Molecular Endocrinology</i> , 2008 , 22, 2141-61		28
139	Female infertility and disrupted angiogenesis are actions of specific follistatin isoforms. <i>Molecular Endocrinology</i> , 2008 , 22, 415-29		34
138	Appetite for reproduction: dietary restriction, aging and the mammalian gonad. <i>Journal of Biology</i> , 2008 , 7, 23		6
137	The menstrual cycle: basic biology. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1135, 10-8	6.5	76
136	As the world grows: contraception in the 21st century. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1330-43	5.9	47

135	Chromosomal Variants and Gene Expression Dysregulation in Endometriosis.. <i>Biology of Reproduction</i> , 2008 , 78, 166-167	3.9	
134	Conditional Inactivation of Retinoblastoma Protein (RB1) in Sertoli Cells Causes Progressive Infertility.. <i>Biology of Reproduction</i> , 2008 , 78, 54-54	3.9	
133	Activin Regulates KIT mRNA and Protein in the Postnatal Mouse Testis.. <i>Biology of Reproduction</i> , 2008 , 78, 130-130	3.9	
132	MicroRNAs in Human Ovarian Cancer.. <i>Biology of Reproduction</i> , 2008 , 78, 200-200	3.9	
131	Loss of zona pellucida binding proteins in the acrosomal matrix disrupts acrosome biogenesis and sperm morphogenesis. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6794-805	4.8	161
130	Epigenetic modifications by Trithorax group proteins during early embryogenesis: do members of Trx-G function as maternal effect genes?. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 201-7	4	2
129	Society for Reproductive Biology Founders Lecture 2007. Insights into germ cell biology: from the bench to the clinic. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 783-91	1.8	1
128	Prevention of cachexia-like syndrome development and reduction of tumor progression in inhibin-deficient mice following administration of a chimeric activin receptor type II-murine Fc protein. <i>Molecular Human Reproduction</i> , 2007 , 13, 675-83	4.4	58
127	Intraovarian activins are required for female fertility. <i>Molecular Endocrinology</i> , 2007 , 21, 2458-71		102
126	Absence of tektin 4 causes asthenozoospermia and subfertility in male mice. <i>FASEB Journal</i> , 2007 , 21, 1013-25	0.9	77
125	SMAD3 regulates gonadal tumorigenesis. <i>Molecular Endocrinology</i> , 2007 , 21, 2472-86		67
124	Conversion of midbodies into germ cell intercellular bridges. <i>Developmental Biology</i> , 2007 , 305, 389-96	3.1	88
123	TESTICULAR CELL ADHESION MOLECULE 1 (TCAM1): AN IMPORTANT MEDIATOR OF GERM CELL-SERTOLI CELL INTERACTIONS?. <i>Biology of Reproduction</i> , 2007 , 77, 167-168	3.9	
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