

Martin Hume Johnson

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.

178 papers	11,087 citations	56 h-index	100 g-index
230 ext. papers	11,758 ext. citations	6.7 avg, IF	6.04 L-index

#	Paper	IF	Citations
178	Adapting the 14-day rule for embryo research to encompass evolving technologies. <i>Reproductive Biomedicine and Society Online</i> , 2020 , 10, 1-9	1.2	13
177	Human fertilisation and developmental biology: a mutually influential history. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	6
176	A short history of in vitro fertilization (IVF). <i>International Journal of Developmental Biology</i> , 2019 , 63, 83-92	1.9	4
175	IVF: The women who helped make it happen. <i>Reproductive Biomedicine and Society Online</i> , 2019 , 8, 1-6	1.2	2
174	Reflections on 40 years of IVF. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019 , 126, 135-137	3.7	2
173	Creating a Soluble Binder to Endothelin-1 Based on the Natural Ligand Binding Domains of the Endothelin-1 (G-Protein-Coupled) Receptor. <i>International Journal of Peptide Research and Therapeutics</i> , 2019 , 25, 107-114	2.1	2
172	Response from the Editors: time-lapse systems for ART - meta-analyses and the issue of bias. <i>Reproductive BioMedicine Online</i> , 2018 , 36, 293	4	5
171	Response from the Editors: First birth following spindle transfer. <i>Reproductive BioMedicine Online</i> , 2017 , 35, 548	4	2
170	Variation of maternal KIR and fetal HLA-C genes in reproductive failure: too early for clinical intervention. <i>Reproductive BioMedicine Online</i> , 2016 , 33, 763-769	4	47
169	The Oldham Notebooks: an analysis of the development of IVF 1969-1978. I. Introduction, materials and methods. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 3-8	1.2	12
168	The question of sperm DNA fragmentation testing in the male infertility work-up: a response to Professor LewisRcommentary. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 138-9	4	7
167	The Oldham Notebooks: an analysis of the development of IVF 1969-1978. III. Variations in procedures. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 19-33	1.2	15
166	The Oldham Notebooks: an analysis of the development of IVF 1969-1978. IV. Ethical aspects. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 34-45	1.2	12
165	The Oldham Notebooks: an analysis of the development of IVF 1969-1978. II. The treatment cycles and their outcomes. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 9-18	1.2	19
164	The Oldham Notebooks: an analysis of the development of IVF 1969-1978. VI. Sources of support and patterns of expenditure. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 58-70	1.2	12
163	The Oldham Notebooks: an analysis of the development of IVF 1969-1978. V. The role of Jean Purdy reassessed. <i>Reproductive Biomedicine and Society Online</i> , 2015 , 1, 46-57	1.2	14
162	The early history of evidence-based reproductive medicine. <i>Reproductive BioMedicine Online</i> , 2013 , 26, 201-9	4	5

161	Changing expression of chloride channels during preimplantation mouse development. <i>Reproduction</i> , 2013 , 145, 73-84	3.8	3
160	Reprogramming rewarded: the 2012 Nobel Prize for Physiology or Medicine awarded to John Gurdon and Shinya Yamanaka. <i>Reproductive BioMedicine Online</i> , 2012 , 25, 549-50	4	5
159	Bob Edwards and the first decade of Reproductive BioMedicine Online. <i>Reproductive BioMedicine Online</i> , 2011 , 22, 106-24	4	3
158	The politics of human embryo research and the motivation to achieve PGD. <i>Reproductive BioMedicine Online</i> , 2011 , 22, 457-71	4	21
157	Robert Edwards: the path to IVF. <i>Reproductive BioMedicine Online</i> , 2011 , 23, 245-62	4	45
156	Why the Medical Research Council refused Robert Edwards and Patrick Steptoe support for research on human conception in 1971. <i>Human Reproduction</i> , 2010 , 25, 2157-74	5.7	56
155	From mouse egg to mouse embryo: polarities, axes, and tissues. <i>Annual Review of Cell and Developmental Biology</i> , 2009 , 25, 483-512	12.6	84
154	Variations in mouse mitochondrial DNA copy number from fertilization to birth are associated with oxidative stress. <i>Reproductive BioMedicine Online</i> , 2008 , 17, 806-13	4	45
153	Human ES cells and a blastocyst from one embryo: exciting science but conflicting ethics?. <i>Cell Stem Cell</i> , 2008 , 2, 103-4	18	11
152	Public interest or public meddling? Towards an objective framework for the regulation of assisted reproduction technologies. <i>Human Reproduction</i> , 2008 , 23, 716-28	5.7	8
151	Role of Cdx2 and cell polarity in cell allocation and specification of trophectoderm and inner cell mass in the mouse embryo. <i>Genes and Development</i> , 2008 , 22, 2692-706	12.6	188
150	SmARTest regulation? Comparing the regulatory structures for ART in the UK and Australia. <i>Reproductive BioMedicine Online</i> , 2007 , 15, 236-44	4	1
149	Trophoblast and hypoblast in the monotreme, marsupial and eutherian mammal: evolution and origins. <i>BioEssays</i> , 2006 , 28, 128-45	4.1	63
148	Escaping the tyranny of the embryo? A new approach to ART regulation based on UK and Australian experiences. <i>Human Reproduction</i> , 2006 , 21, 2756-65	5.7	10
147	Developmental and reproductive performance in circadian mutant mice. <i>Human Reproduction</i> , 2006 , 21, 68-79	5.7	135
146	Temporal expression profiling of the uterine luminal epithelium of the pseudo-pregnant mouse suggests receptivity to the fertilized egg is associated with complex transcriptional changes. <i>Human Reproduction</i> , 2006 , 21, 2495-513	5.7	21
145	Inhibition of Stat3 activation in the endometrium prevents implantation: a nonsteroidal approach to contraception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 8585-90	11.5	92
144	Expression and role of the ether- α -go-go-related (MERG1A) potassium-channel protein during preimplantation mouse development. <i>Biology of Reproduction</i> , 2004 , 70, 1070-9	3.9	17

143	A moral case study for discussion: designer babies and tissue typing. <i>Reproductive BioMedicine Online</i> , 2004 , 9, 372	4	5
142	Lineage allocation and cell polarity during mouse embryogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2004 , 15, 583-97	7.5	175
141	So what exactly is the role of the spermatozoon in first cleavage?. <i>Reproductive BioMedicine Online</i> , 2003 , 6, 163-7	4	12
140	How well do second-year students learn physical diagnosis? Observational study of an Objective Structured Clinical Examination (OSCE). <i>BMC Medical Education</i> , 2002 , 2, 1	3.3	28
139	Developmental changes in the management of acid loads during preimplantation mouse development. <i>Biology of Reproduction</i> , 2002 , 67, 1419-29	3.9	17
138	Assisting medical students to conduct empathic conversations with patients from a sexual medicine clinic. <i>Sexually Transmitted Infections</i> , 2002 , 78, 246-9	2.8	17
137	Circadian clockwork genes are expressed in the reproductive tract and conceptus of the early pregnant mouse. <i>Reproductive BioMedicine Online</i> , 2002 , 4, 140-5	4	72
136	Time and development. <i>Reproductive BioMedicine Online</i> , 2002 , 4 Suppl 1, 39-45	4	12
135	Reproduction in the Noughties: will the scientists have all the fun?. <i>Journal of Anatomy</i> , 2001 , 198, 385-98	3.9	4
134	Human infertility, reproductive cloning and nuclear transfer: a confusion of meanings. <i>BioEssays</i> , 2001 , 23, 359-64	4.1	16
133	Mammalian development: axes in the egg?. <i>Current Biology</i> , 2001 , 11, R281-4	6.3	13
132	Induced ovulation, mating success and embryonic development in the stripe-faced dunnart, <i>Sminthopsis macroura</i> . <i>Reproduction</i> , 2001 , 122, 777-83	3.8	15
131	tiK+ toK+: an embryonic clock?. <i>Reproduction, Fertility and Development</i> , 2001 , 13, 69-79	1.8	18
130	Egg timers: how is developmental time measured in the early vertebrate embryo?. <i>BioEssays</i> , 2000 , 22, 57-63	4.1	52
129	Legal confusion over cloning risks throwing baby out with bathwater. <i>Nature</i> , 2000 , 407, 559	50.4	5
128	Delta-like and gtl2 are reciprocally expressed, differentially methylated linked imprinted genes on mouse chromosome 12. <i>Current Biology</i> , 2000 , 10, 1135-8	6.3	193
127	Regulation of fertilization-induced Ca(2+)spiking in the mouse zygote. <i>Cell Calcium</i> , 2000 , 28, 47-54	4	45
126	The medical ethics of paid egg sharing in the UK. <i>Human Reproduction</i> , 1999 , 14, 1912-8	5.7	24

125	The activity of the H ⁺ -monocarboxylate cotransporter during pre-implantation development in the mouse. <i>Pflugers Archiv European Journal of Physiology</i> , 1999 , 438, 397-404	4.6	19
124	Genetically-targeted and conditionally-regulated ablation of astroglial cells in the central, enteric and peripheral nervous systems in adult transgenic mice. <i>Brain Research</i> , 1999 , 835, 91-5	3.7	46
123	Leukocyte infiltration, neuronal degeneration, and neurite outgrowth after ablation of scar-forming, reactive astrocytes in adult transgenic mice. <i>Neuron</i> , 1999 , 23, 297-308	13.9	822
122	A role for Rho-like GTPases in the polarisation of mouse eight-cell blastomeres. <i>Developmental Biology</i> , 1999 , 205, 322-31	3.1	97
121	A cytoplasmic cell cycle controls the activity of a K ⁺ channel in pre-implantation mouse embryos. <i>EMBO Journal</i> , 1998 , 17, 1952-60	13	45
120	Cell cycle regulation of a T-type calcium current in early mouse embryos. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 436, 834-42	4.6	42
119	Fulminant jejuno-ileitis following ablation of enteric glia in adult transgenic mice. <i>Cell</i> , 1998 , 93, 189-201	56.2	453
118	Tropomyosin in preimplantation mouse development: identification, expression, and organization during cell division and polarization. <i>Experimental Cell Research</i> , 1998 , 238, 450-64	4.2	24
117	A survey of the effectiveness of the assessment of the welfare of the child in UK in-vitro fertilization units. <i>Human Reproduction</i> , 1998 , 13, 766-70	5.7	11
116	Should the use of assisted reproduction techniques be deregulated? The UK experience: options for change. <i>Human Reproduction</i> , 1998 , 13, 1769-76	5.7	7
115	Genetics, the free market and reproductive medicine. <i>Human Reproduction</i> , 1997 , 12, 408-10	5.7	7
114	The interstitial response to renal injury: fibroblast-like cells show phenotypic changes and have reduced potential for erythropoietin gene expression. <i>Kidney International</i> , 1997 , 52, 715-24	9.9	62
113	Sites of erythropoietin production. <i>Kidney International</i> , 1997 , 51, 393-401	9.9	75
112	Cloning humans?. <i>BioEssays</i> , 1997 , 19, 737-9	4.1	6
111	The culture of unpaid and voluntary egg donation should be strengthened 1997 , 314, 1401-1401		6
110	The distribution of alpha- and gamma-tubulin in fresh and aged human and mouse oocytes exposed to cryoprotectant. <i>Molecular Human Reproduction</i> , 1996 , 2, 445-56	4.4	60
109	Origins of pluriblast and trophoblast in the eutherian conceptus. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 699-709	1.8	23
108	Nomenclature of early development in mammals. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 759-64	6.48	40

107	Phospholipase C in mouse oocytes: characterization of beta and gamma isoforms and their possible involvement in sperm-induced Ca ²⁺ spiking. <i>Biochemical Journal</i> , 1996 , 316 (Pt 2), 583-91	3.8	124
106	Experimental manipulations of compaction and their effects on the phosphorylation of uvomorulin. <i>Molecular Reproduction and Development</i> , 1996 , 44, 77-87	2.6	24
105	An analysis of multinucleated blastomere formation in human embryos. <i>Human Reproduction</i> , 1995 , 10, 1912-22	5.7	95
104	Control of the surface expression of uvomorulin after activation of mouse oocytes. <i>Zygote</i> , 1995 , 3, 177-88	2.6	17
103	Cytoskeletal organization in the oocyte, zygote, and early cleaving embryo of the stripe-faced dunnart (<i>Sminthopsis macroura</i>). <i>Molecular Reproduction and Development</i> , 1995 , 41, 212-24	2.6	31
102	The exit of mouse oocytes from meiotic M-phase requires an intact spindle during intracellular calcium release. <i>Journal of Cell Science</i> , 1995 , 108 (Pt 1), 143-51	5.3	18
101	Erythropoietin-producing cells in transgenic mice expressing SV40 large T antigen directed by erythropoietin control sequences. <i>Annals of the New York Academy of Sciences</i> , 1994 , 718, 356-8	6.5	4
100	Assessment of the developmental potential of frozen-thawed mouse oocytes. <i>Human Reproduction</i> , 1994 , 9, 130-6	5.7	26
99	Radical solutions and cultural problems: could free oxygen radicals be responsible for the impaired development of preimplantation mammalian embryos in vitro?. <i>BioEssays</i> , 1994 , 16, 31-8	4.1	275
98	Use of a polymorphic dinucleotide repeat sequence to detect non-blastomeric contamination of the polymerase chain reaction in biopsy samples for preimplantation diagnosis. <i>Human Reproduction</i> , 1994 , 9, 1539-45	5.7	35
97	Assessment of the cellular DNA content of whole mounted mouse and human oocytes and of blastomeres containing single or multiple nuclei. <i>Zygote</i> , 1993 , 1, 17-25	1.6	15
96	Staurosporine advances interblastomeric flattening of the mouse embryo. <i>Zygote</i> , 1993 , 1, 103-12	1.6	11
95	Cell surface localisation and stability of uvomorulin during early mouse development. <i>Zygote</i> , 1993 , 1, 333-44	1.6	32
94	Use of fetal bovine serum substitutes for the protection of the mouse zona pellucida against hardening during cryoprotectant addition. <i>Human Reproduction</i> , 1993 , 8, 1898-900	5.7	31
93	Are failed-fertilized human oocytes useful?. <i>Human Reproduction</i> , 1993 , 8, 503-7	5.7	35
92	Cytoskeletal organization and zona sensitivity to digestion by chymotrypsin of frozen-thawed mouse oocytes. <i>Human Reproduction</i> , 1993 , 8, 612-20	5.7	27
91	Identification of the renal erythropoietin-producing cells using transgenic mice. <i>Kidney International</i> , 1993 , 44, 1149-62	9.9	290
90	Cell-cycle control of a large-conductance K ⁺ channel in mouse early embryos. <i>Nature</i> , 1993 , 365, 560-2	50.4	119

89	Fertilisation and thimerosal stimulate similar calcium spiking patterns in mouse oocytes but by separate mechanisms. <i>Development (Cambridge)</i> , 1993 , 119, 179-89	6.6	15
88	How does transferrin overcome the in vitro block to development of the mouse preimplantation embryo?. <i>Reproduction</i> , 1992 , 96, 41-8	3.8	45
87	Effects of glucose, glutamine, ethylenediaminetetraacetic acid and oxygen tension on the concentration of reactive oxygen species and on development of the mouse preimplantation embryo in vitro. <i>Reproduction</i> , 1992 , 96, 219-31	3.8	82
86	Quantitative analysis of cellular glutathione in early preimplantation mouse embryos developing in vivo and in vitro. <i>Human Reproduction</i> , 1992 , 7, 1281-90	5.7	72
85	Use of fetal bovine serum to protect against zona hardening during preparation of mouse oocytes for cryopreservation. <i>Human Reproduction</i> , 1992 , 7, 408-12	5.7	28
84	Reliability of detection by polymerase chain reaction of the sickle cell-containing region of the beta-globin gene in single human blastomeres. <i>Human Reproduction</i> , 1992 , 7, 630-6	5.7	30
83	Gene activity and cleavage arrest in human pre-embryos. <i>Human Reproduction</i> , 1992 , 7, 1014-21	5.7	68
82	Can the mouse embryo provide a good model for the study of abnormal cellular development seen in human embryos?. <i>Human Reproduction</i> , 1992 , 7, 1291-6	5.7	15
81	Cell cycle progression of parthenogenetically activated mouse oocytes to interphase is dependent on the level of internal calcium. <i>Journal of Cell Science</i> , 1992 , 103 (Pt 2), 389-96	5.3	19
80	Parthenogenetic activation and development of fresh and aged human oocytes**Supported by the Medical Research Council, 20 Park Crescent, London, United Kingdom, grant no. G8302273 to P.R.B. and M.H.J. and the Science and Engineering Research Council, Polaris House, North Star Avenue, Swindon, United Kingdom, grant no. 8910085X to N.J.W. <i>Fertility and Sterility</i> , 1991 , 56, 904-912	4.8	94
79	The incidence of abnormal morphology and nucleocytoplasmic ratios in 2-, 3- and 5-day human pre-embryos. <i>Human Reproduction</i> , 1991 , 6, 17-24	5.7	97
78	Zona pellucida modifications in the mouse in the absence of oocyte activation. <i>Molecular Reproduction and Development</i> , 1991 , 28, 394-404	2.6	40
77	Cryoprotection of human oocytes: inappropriate exposure to DMSO reduces fertilization rates. <i>Human Reproduction</i> , 1991 , 6, 142-3	5.7	39
76	Transient cooling to room temperature can cause irreversible disruption of the meiotic spindle in the human oocyte. <i>Fertility and Sterility</i> , 1990 , 54, 102-8	4.8	498
75	The effect of iron and iron chelators on the in-vitro block to development of the mouse preimplantation embryo: BAT6 a new medium for improved culture of mouse embryos in vitro. <i>Human Reproduction</i> , 1990 , 5, 997-1003	5.7	124
74	Acid TyrodeB solution can stimulate parthenogenetic activation of human and mouse oocytes. <i>Fertility and Sterility</i> , 1990 , 53, 266-70	4.8	23
73	Dimethylsulphoxide affects the organisation of microfilaments in the mouse oocyte. <i>Molecular Reproduction and Development</i> , 1990 , 26, 227-35	2.6	105
72	The hardening effect of dimethylsulphoxide on the mouse zona pellucida requires the presence of an oocyte and is associated with a reduction in the number of cortical granules present. <i>Reproduction</i> , 1990 , 89, 253-9	3.8	160

71	A technique for quantifying the amount of macromolecule injected into cells of the early mouse embryo. <i>Reproduction</i> , 1990 , 88, 375-81	3.8	4
70	Can the Handling of Oocytes Influence the Success of Therapeutic in vitro Fertilization? 1990 , 489-501		
69	Development of tight junctions de novo in the mouse early embryo: control of assembly of the tight junction-specific protein, ZO-1. <i>Journal of Cell Biology</i> , 1989 , 108, 1407-18	7.3	136
68	Expression and function of HLA-A2.1 in transgenic mice. <i>European Journal of Immunology</i> , 1989 , 19, 1575-83	6.8	34
67	The effect on fertilization of exposure of mouse oocytes to dimethyl sulfoxide: an optimal protocol. <i>Journal of in Vitro Fertilization and Embryo Transfer: IVF</i> , 1989 , 6, 168-75		49
66	Measurement of HPRT activity in the human unfertilized oocyte and pre-embryo. <i>Prenatal Diagnosis</i> , 1989 , 9, 839-50	3.2	26
65	BENEFITS OF IN-VITRO FERTILISATION. <i>Lancet, The</i> , 1989 , 334, 1327-1329	4.0	5
64	Quality control in the IVF laboratory: in-vitro and in-vivo development of mouse embryos is unaffected by the quality of water used in culture media. <i>Human Reproduction</i> , 1989 , 4, 826-31	5.7	27
63	From egg to epithelium. <i>Annual Review of Cell Biology</i> , 1988 , 4, 459-85		202
62	The influence of cooling on the properties of the zona pellucida of the mouse oocyte. <i>Human Reproduction</i> , 1988 , 3, 383-7	5.7	96
61	Cytoskeletal organization in fresh, aged and spontaneously activated human oocytes. <i>Human Reproduction</i> , 1988 , 3, 978-89	5.7	184
60	The influence of cell contact on the division of mouse 8-cell blastomeres. <i>Development (Cambridge)</i> , 1988 , 103, 353-63	6.6	6
59	The influence of cooling on the organization of the meiotic spindle of the mouse oocyte. <i>Human Reproduction</i> , 1987 , 2, 207-16	5.7	275
58	The effect of dimethylsulphoxide on the microtubular system of the mouse oocyte. <i>Development (Cambridge)</i> , 1987 , 100, 313-24	6.6	25
57	Analysis of the third and fourth cell cycles of mouse early development. <i>Reproduction</i> , 1986 , 76, 393-9	3.8	42
56	The role of cell adhesion in the synchronization and orientation of polarization in 8-cell mouse blastomeres. <i>Journal of Embryology and Experimental Morphology</i> , 1986 , 93, 239-55		56
55	Mechanism of polar body formation in the mouse oocyte: an interaction between the chromosomes, the cytoskeleton and the plasma membrane. <i>Journal of Embryology and Experimental Morphology</i> , 1986 , 92, 11-32		111
54	The timing of compaction: control of a major developmental transition in mouse early embryogenesis. <i>Journal of Embryology and Experimental Morphology</i> , 1986 , 95, 213-37		49

53	Manipulation of early mammalian development: what does it tell us about cell lineages? 1986 , 4, 279-96		3
52	A dissection of the mechanisms generating and stabilizing polarity in mouse 8- and 16-cell blastomeres: the role of cytoskeletal elements. <i>Journal of Embryology and Experimental Morphology</i> , 1985 , 90, 311-34		23
51	Changes in the distribution of membranous organelles during mouse early development. <i>Journal of Embryology and Experimental Morphology</i> , 1985 , 90, 287-309		48
50	DNA replication and compaction in the cleaving embryo of the mouse. <i>Journal of Embryology and Experimental Morphology</i> , 1985 , 89, 133-48		14
49	Developmental variability within and between mouse expanding blastocysts and their ICMs. <i>Journal of Embryology and Experimental Morphology</i> , 1985 , 86, 311-36		20
48	Meiosis II, mitosis I and the linking interphase: a study of the cytoskeleton in the fertilised mouse egg. <i>Cytobios</i> , 1985 , 43, 295-305		20
47	Science and society: Should medical research be made a criminal act?. <i>BioEssays</i> , 1984 , 1, 232-237	4.1	
46	The distribution of cytoplasmic actin in mouse 8-cell blastomeres. <i>Journal of Embryology and Experimental Morphology</i> , 1984 , 82, 97-117		41
45	Changes in actin distribution during fertilization of the mouse egg. <i>Journal of Embryology and Experimental Morphology</i> , 1984 , 81, 211-37		130
44	The relationship between cleavage, DNA replication, and gene expression in the mouse 2-cell embryo. <i>Journal of Embryology and Experimental Morphology</i> , 1984 , 79, 139-63		100
43	The mosaic organisation of the preimplantation mouse embryo 1984 , 205-217		5
42	Cell interactions influence the fate of mouse blastomeres undergoing the transition from the 16- to the 32-cell stage. <i>Developmental Biology</i> , 1983 , 95, 211-8	3.1	109
41	Amino acid transport and exchange in preimplantation mouse embryos. <i>Reproduction</i> , 1982 , 65, 367-80	3.8	42
40	Cell subpopulations in the late morula and early blastocyst of the mouse. <i>Developmental Biology</i> , 1982 , 91, 431-9	3.1	44
39	The roles of phenotype and position in guiding the fate of 16-cell mouse blastomeres. <i>Developmental Biology</i> , 1982 , 91, 440-7	3.1	86
38	The developmental potential of mouse 16-cell blastomeres. <i>The Journal of Experimental Zoology</i> , 1982 , 221, 345-55		87
37	Use of carboxyfluorescein diacetate to study formation of permeable channels between mouse blastomeres. <i>Nature</i> , 1982 , 295, 524-6	50.4	108
36	Compaction of the mouse embryo: an analysis of its components. <i>Journal of Embryology and Experimental Morphology</i> , 1982 , 70, 113-32		55

35	The transition from maternal to embryonic control in the 2-cell mouse embryo. <i>EMBO Journal</i> , 1982 , 1, 681-6	13	117
34	The molecular and cellular basis of preimplantation mouse development. <i>Biological Reviews</i> , 1981 , 56, 463-98	13.5	142
33	The foundation of two distinct cell lineages within the mouse morula. <i>Cell</i> , 1981 , 24, 71-80	56.2	418
32	Properties of polar and apolar cells from the 16-cell mouse morula. <i>Wilhelm Roux's Archives of Developmental Biology</i> , 1981 , 190, 287-296		58
31	Induction of polarity in mouse 8-cell blastomeres: specificity, geometry, and stability. <i>Journal of Cell Biology</i> , 1981 , 91, 303-8	7.3	183
30	Endogenous amino acid pool sizes in mouse eggs and preimplantation embryos. <i>Reproduction</i> , 1981 , 61, 387-93	3.8	70
29	Membrane events associated with the generation of a blastocyst. <i>International Review of Cytology Supplement</i> , 1981 , 12, 1-37		7
28	A Reexamination of Messenger RNA Populations in the Preimplantation Mouse Embryo 1981 , 137-154		9
27	The Generation and Recognition of Positional Information in the Preimplantation Mouse Embryo 1981 , 55-74		25
26	Cell surface interaction induces polarization of mouse 8-cell blastomeres at compaction. <i>Cell</i> , 1980 , 21, 935-42	56.2	266
25	Amino acid transport in the unfertilized and fertilized mouse egg. <i>Reproduction</i> , 1979 , 56, 223-31	3.8	25
24	Intrinsic and extrinsic factors in preimplantation development. <i>Reproduction</i> , 1979 , 55, 255-65	3.8	42
23	Lateral diffusion in plasma membrane of mouse egg is restricted after fertilisation. <i>Nature</i> , 1978 , 272, 448-50	50.4	88
22	Temporal and spatial patterns of the synthesis of tissue-specific polypeptides in the preimplantation mouse embryo. <i>Journal of Embryology and Experimental Morphology</i> , 1978 , 44, 191-9		26
21	The effect of immune lymphocytes on reaggregation of fetal mouse tissues. <i>Journal of Anatomy</i> , 1978 , 127, 273-6	2.9	3
20	The progesterone content of rabbit uterine flushings. <i>Reproduction</i> , 1977 , 50, 301-8	3.8	12
19	Molecular differentiation in the preimplantation mouse embryo. <i>Nature</i> , 1976 , 259, 319-21	50.4	88
18	The progesterone and protein composition of rabbit uterine flushings. <i>Reproduction</i> , 1976 , 46, 427-30	3.8	17

17	Immunogenicity of mouse trophoblast and embryonic sac. <i>Nature</i> , 1975 , 255, 719-20	50.4	28
16	Mosaicism in organisation concanavalin A receptors on surface membrane of mouse egg. <i>Nature</i> , 1975 , 257, 321-2	50.4	125
15	The macromolecular organization of membranes and its bearing on events leading up to fertilization. <i>Reproduction</i> , 1975 , 44, 167-84	3.8	62
14	Investigation of cellular interaction and deployment in the early mammalian embryo using interspecific chimaeras between the rat and mouse. <i>Novartis Foundation Symposium</i> , 1975 , 183-200		10
13	Effect of dosage of oestradiol-17beta on the life-span of the rabbit corpus luteum. <i>Experientia</i> , 1974 , 30, 308-9		3
12	Investigation of H-2 and non-H-2 antigens on the mouse blastocyst. <i>Transplantation</i> , 1974 , 18, 136-41	1.8	39
11	Investigation of early mammalian development using interspecific chimaeras between rat and mouse. <i>Nature: New Biology</i> , 1973 , 246, 86-9		75
10	H-2 antigens on mouse spermatozoa. <i>Transplantation</i> , 1972 , 14, 781-6	1.8	22
9	The protein composition of secretions from pregnant and pseudopregnant rabbit uteri with and without a copper intrauterine device. <i>Fertility and Sterility</i> , 1972 , 23, 123-30	4.8	13
8	The distribution of immunoglobulin and spermatozoal autoantigen in the genital tract of the male guinea pig: its relationship to autoallergic orchitis. <i>Fertility and Sterility</i> , 1972 , 23, 383-92	4.8	42
7	An immunological barrier in the guinea-pig testis. <i>Journal of Pathology</i> , 1970 , 101, 129-39	9.4	63
6	Selective damage to spermatogenic cells of high antigenicity during auto-allergic aspermatogenesis. <i>Journal of Pathology</i> , 1970 , 102, 131-8	9.4	16
5	Changes in the blood-testis barrier of the guinea-pig in relation to histological damage following iso-immunization with testis. <i>Reproduction</i> , 1970 , 22, 119-27	3.8	61
4	The effect of cadmium chloride on the blood-testis barrier of the guinea-pig. <i>Reproduction</i> , 1969 , 19, 551-3	3.8	24
3	Characterization of a natural antibody in normal guinea-pig serum reacting with homologous spermatozoa. <i>Reproduction</i> , 1968 , 16, 503-6	3.8	32
2	Protein and immunoglobulin content of rete testis fluid of rams. <i>Reproduction</i> , 1968 , 17, 403-6	3.8	60
1	Diffusion chamber for exposing spermatozoa to human uterine secretions. <i>American Journal of Obstetrics and Gynecology</i> , 1968 , 102, 388-96	6.4	17