

# Heide Schatten

## List of Publications by Year in descending order

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142  
papers

6,253  
citations

50170

46  
h-index

79541

73  
g-index

149  
all docs

149  
docs citations

149  
times ranked

7126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitalon protects against post-ovulatory aging-related damage of mouse oocytes in vitro. <i>Aging</i> , 2022, 14, 3191-3202.	1.4	1
2	Effects of mitochondria-associated Ca <sup>2+</sup> transporters suppression on oocyte activation. <i>Cell Biochemistry and Function</i> , 2021, 39, 248-257.	1.4	4
3	Centrosome functions and remodeling during neuronal development and centrosome abnormalities in neuronal disorders, disease, and in aging. , 2021, , 49-57.		0
4	Nuclear and cytoplasmic quality of oocytes derived from serum-free culture of secondary follicles in vitro. <i>Journal of Cellular Physiology</i> , 2021, 236, 5352-5361.	2.0	5
5	The methylation status in GNAS clusters May Be an epigenetic marker for oocyte quality. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 586-591.	1.0	2
6	Mitochondrial Ca <sup>2+</sup> Is Related to Mitochondrial Activity and Dynamic Events in Mouse Oocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 585932.	1.8	5
7	Regulation of [Ca <sup>2+</sup> ] <sub>i</sub> oscillations and mitochondrial activity by various calcium transporters in mouse oocytes. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 87.	1.4	4
8	CENP-T, regulates both G2/M transition and anaphase entry by acting through CDH1 in meiotic oocytes. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	4
9	CENP-W regulates kinetochore-microtubule attachment and meiotic progression of mouse oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 8-14.	1.0	1
10	Cytoskeletal Architecture of Human Oocytes with a Focus on Centrosomes and their Significant Role in Fertilization. , 2019, , 915-928.		0
11	PKC $\delta$ 1 regulates meiotic cell cycle in mouse oocyte. <i>Cell Cycle</i> , 2019, 18, 395-412.	1.3	5
12	Resveratrol delays postovulatory aging of mouse oocytes through activating mitophagy. <i>Aging</i> , 2019, 11, 11504-11519.	1.4	34
13	Immunodiagnostics and Immunotherapy Possibilities for Prostate Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1096, 185-194.	0.8	6
14	Brief Overview of Prostate Cancer Statistics, Grading, Diagnosis and Treatment Strategies. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1095, 1-14.	0.8	113
15	The Impact of Centrosome Pathologies on Prostate Cancer Development and Progression. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1095, 67-81.	0.8	8
16	Mitochondrial regulation of [Ca <sup>2+</sup> ] <sub>i</sub> oscillations during cell cycle resumption of the second meiosis of oocyte. <i>Cell Cycle</i> , 2018, 17, 1471-1486.	1.3	17
17	Functions and dysfunctions of the mammalian centrosome in health, disorders, disease, and aging. <i>Histochemistry and Cell Biology</i> , 2018, 150, 303-325.	0.8	36
18	Cleavage and Cleavage Patterns in Embryogenesis. , 2018, , 314-319.		0

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19	Resveratrol increases resistance of mouse oocytes to postovulatory aging in vivo. <i>Aging</i> , 2018, 10, 1586-1596.	1.4	48
20	Melatonin prevents postovulatory oocyte aging and promotes subsequent embryonic development in the pig. <i>Aging</i> , 2017, 9, 1552-1564.	1.4	82
21	SIRT1, 2, 3 protect mouse oocytes from postovulatory aging. <i>Aging</i> , 2016, 8, 685-694.	1.4	78
22	Salmonella Bacterial Monotherapy Reduces Autochthonous Prostate Tumor Burden in the TRAMP Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0160926.	1.1	9
23	Cytoplasmic Determination of Meiotic Spindle Size Revealed by a Unique Inter-Species Germinal Vesicle Transfer Model. <i>Scientific Reports</i> , 2016, 6, 19827.	1.6	12
24	Low Voltage SEM and Correlative Microscopy to Analyze Delicate Biological Material. <i>Microscopy and Microanalysis</i> , 2015, 21, 507-508.	0.2	1
25	Centrosome and microtubule functions and dysfunctions in meiosis: implications for age-related infertility and developmental disorders. <i>Reproduction, Fertility and Development</i> , 2015, 27, 934.	0.1	35
26	Loss of protein phosphatase 6 in oocytes causes failure of meiosis II exit and impaired female fertility. <i>Journal of Cell Science</i> , 2015, 128, 3769-80.	1.2	14
27	Brief Overview of the Cytoskeleton. , 2015, , 3-7.		0
28	Centrosomeâ€™Microtubule Interactions in Health, Disease, and Disorders. , 2015, , 119-146.		5
29	Oocyte ageing and epigenetics. <i>Reproduction</i> , 2015, 149, R103-R114.	1.1	132
30	Scaffold Subunit Aalpha of PP2A Is Essential for Female Meiosis and Fertility in Mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 91, 19.	1.2	38
31	Maternal Diabetes Mellitus and the Origin of Non-Communicable Diseases in Offspring: The Role of Epigenetics <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 90, 139.	1.2	35
32	Posttranslationally Modified Tubulins and Other Cytoskeletal Proteins: Their Role in Gametogenesis, Oocyte Maturation, Fertilization and Pre-implantation Embryo Development. <i>Advances in Experimental Medicine and Biology</i> , 2014, 759, 57-87.	0.8	20
33	The impact of mitochondrial function/dysfunction on IVF and new treatment possibilities for infertility. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 111.	1.4	119
34	The root of reduced fertility in aged women and possible therapeutic options: Current status and future prospects. <i>Molecular Aspects of Medicine</i> , 2014, 38, 54-85.	2.7	117
35	Sperm Mitochondria in Reproduction: Good or Bad and Where Do They Go?. <i>Journal of Genetics and Genomics</i> , 2013, 40, 549-556.	1.7	52
36	Maternal diabetes causes abnormal dynamic changes of endoplasmic reticulum during mouse oocyte maturation and early embryo development. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 31.	1.4	31

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37	Maternal Diabetes Causes Alterations of DNA Methylation Statuses of Some Imprinted Genes in Murine Oocytes. <i>Biology of Reproduction</i> , 2013, 88, 117.	1.2	57
38	Unique insights into maternal mitochondrial inheritance in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13038-13043.	3.3	126
39	The Impact of Centrosome Abnormalities on Breast Cancer Development and Progression with a Focus on Targeting Centrosomes for Breast Cancer Therapy. , 2013, , 261-287.		2
40	Cytoskeletal Architecture of Human Oocytes with Focus on Centrosomes and Their Significant Role in Fertilization. , 2013, , 359-375.		0
41	Septin 7 is required for orderly meiosis in mouse oocytes. <i>Cell Cycle</i> , 2012, 11, 3211-3218.	1.3	27
42	Checkpoint kinase 1 is essential for meiotic cell cycle regulation in mouse oocytes. <i>Cell Cycle</i> , 2012, 11, 1948-1955.	1.3	31
43	Epigenetic changes associated with oocyte aging. <i>Science China Life Sciences</i> , 2012, 55, 670-676.	2.3	25
44	Maternal insulin resistance causes oxidative stress and mitochondrial dysfunction in mouse oocytes. <i>Human Reproduction</i> , 2012, 27, 2130-2145.	0.4	115
45	The G Protein Coupled Receptor 3 Is Involved in cAMP and cGMP Signaling and Maintenance of Meiotic Arrest in Porcine Oocytes. <i>PLoS ONE</i> , 2012, 7, e38807.	1.1	31
46	The role of scanning electron microscopy in cell and molecular biology:. , 2012, , 1-15.		1
47	Effects of griseofulvin on in vitro porcine oocyte maturation and embryo development. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 561-566.	0.9	10
48	Cytoskeletal Architecture of Human Oocytes with Focus on Centrosomes and Their Significant Role in Fertilization. , 2012, , 667-676.		4
49	Nuclearâ€œCentrosome Relationships During Fertilization, Cell Division, Embryo Development, and in Somatic Cell Nuclear Transfer Embryos. , 2012, , 59-72.		2
50	Whole Transcriptome Analysis of the Effects of Type I Diabetes on Mouse Oocytes. <i>PLoS ONE</i> , 2012, 7, e41981.	1.1	15
51	The Significant Role of Centrosomes in Stem Cell Division and Differentiation. <i>Microscopy and Microanalysis</i> , 2011, 17, 506-512.	0.2	24
52	Protein Profile Changes during Porcine Oocyte Aging and Effects of Caffeine on Protein Expression Patterns. <i>PLoS ONE</i> , 2011, 6, e28996.	1.1	33
53	The Sperm Centrosome: Its Role and Significance in Nature and Human Assisted Reproduction. <i>Journal of Reproductive and Stem Cell Biotechnology</i> , 2011, 2, 121-127.	0.1	6
54	Why is Chromosome Segregation Error in Oocytes Increased With Maternal Aging?. <i>Physiology</i> , 2011, 26, 314-325.	1.6	29

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55	Novel findings on actin regulation in asymmetric division of mouse oocytes. <i>Cell Cycle</i> , 2011, 10, 3053-3053.	1.3	0
56	Centrosome dynamics during mammalian oocyte maturation with a focus on meiotic spindle formation. <i>Molecular Reproduction and Development</i> , 2011, 78, 757-768.	1.0	72
57	Septin1 is required for spindle assembly and chromosome congression in mouse oocytes. <i>Developmental Dynamics</i> , 2011, 240, 2281-2289.	0.8	15
58	Low voltage high-resolution SEM (LVHRSEM) for biological structural and molecular analysis. <i>Micron</i> , 2011, 42, 175-185.	1.1	39
59	The nuclear mitotic apparatus (NuMA) protein: localization and dynamics in human oocytes, fertilization and early embryos. <i>Molecular Human Reproduction</i> , 2011, 17, 392-398.	1.3	34
60	New insights into the role of centrosomes in mammalian fertilization and implications for ART. <i>Reproduction</i> , 2011, 142, 793-801.	1.1	51
61	The effects of postovulatory aging of mouse oocytes on methylation and expression of imprinted genes at mid-term gestation. <i>Molecular Human Reproduction</i> , 2011, 17, 562-567.	1.3	14
62	Short-term Preservation of Porcine Oocytes in Ambient Temperature: Novel Approaches. <i>PLoS ONE</i> , 2010, 5, e14242.	1.1	20
63	p38 $\beta$ MAPK Is a MTOC-associated protein regulating spindle assembly, spindle length and accurate chromosome segregation during mouse oocyte meiotic maturation. <i>Cell Cycle</i> , 2010, 9, 4130-4143.	1.3	41
64	Septin2 is modified by SUMOylation and required for chromosome congression in mouse oocytes. <i>Cell Cycle</i> , 2010, 9, 1607-1616.	1.3	28
65	The role of centrosomes in fertilization, cell division and establishment of asymmetry during embryo development. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 174-184.	2.3	58
66	Towards a new understanding on the regulation of mammalian oocyte meiosis resumption. <i>Cell Cycle</i> , 2009, 8, 2741-2747.	1.3	141
67	Androgen receptor's destiny in mammalian oocytes: a new hypothesis. <i>Molecular Human Reproduction</i> , 2009, 15, 149-154.	1.3	33
68	The functional significance of centrosomes in mammalian meiosis, fertilization, development, nuclear transfer, and stem cell differentiation. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 620-636.	0.9	67
69	Centrosome abnormalities during porcine oocyte aging. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 666-671.	0.9	40
70	Oocyte aging: cellular and molecular changes, developmental potential and reversal possibility. <i>Human Reproduction Update</i> , 2009, 15, 573-585.	5.2	414
71	The role of centrosomes in mammalian fertilization and its significance for ICSI. <i>Molecular Human Reproduction</i> , 2009, 15, 531-538.	1.3	111
72	Bub3 Is a Spindle Assembly Checkpoint Protein Regulating Chromosome Segregation during Mouse Oocyte Meiosis. <i>PLoS ONE</i> , 2009, 4, e7701.	1.1	97

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73	Regulatory Mechanism of Spindle Movements during Oocyte Meiotic Division. Asian-Australasian Journal of Animal Sciences, 2009, 22, 1477-1486.	2.4	11
74	The mammalian centrosome and its functional significance. Histochemistry and Cell Biology, 2008, 129, 667-686.	0.8	117
75	Mitochondrial behavior during oogenesis in zebrafish: A confocal microscopy analysis. Development Growth and Differentiation, 2008, 50, 189-201.	0.6	50
76	PI3-kinase and mitogen-activated protein kinase in cumulus cells mediate EGF-induced meiotic resumption of porcine oocyte. Domestic Animal Endocrinology, 2008, 34, 360-371.	0.8	37
77	Loss of methylation imprint of Snrpn in postovulatory aging mouse oocyte. Biochemical and Biophysical Research Communications, 2008, 371, 16-21.	1.0	56
78	Analysis of Heterogeneous Mitochondria Distribution in Somatic Cell Nuclear Transfer Porcine Embryos. Microscopy and Microanalysis, 2008, 14, 418-432.	0.2	11
79	Testosterone Potentially Triggers Meiotic Resumption by Activation of Intra-Oocyte SRC and MAPK in Porcine Oocytes1. Biology of Reproduction, 2008, 79, 897-905.	1.2	33
80	Regulation of Peripheral Spindle Movement and Spindle Rotation during Mouse Oocyte Meiosis: New Perspectives. Microscopy and Microanalysis, 2008, 14, 349-356.	0.2	15
81	Molecular insights into mechanisms regulating faithful chromosome separation in female meiosis. Cell Cycle, 2008, 7, 2997-3005.	1.3	51
82	High-Resolution, Low Voltage, Field-Emission Scanning Electron Microscopy (HRLVFESEM) Applications for Cell Biology and Specimen Preparation Protocols. , 2008, , 145-169.		9
83	MEK1/2 Regulates Microtubule Organization, Spindle Pole Tethering and Asymmetric Division During Mouse Oocyte Meiotic Maturation. Cell Cycle, 2007, 6, 330-338.	1.3	74
84	Remodeling of Centrosomes in Intraspecies and Interspecies Nuclear Transfer Porcine Embryos. Cell Cycle, 2007, 6, 1509-1520.	1.3	23
85	Salmonella Host Cell Interactions, Changes in Host Cell Architecture, and Destruction of Prostate Tumor Cells with Genetically Altered Salmonella. Microscopy and Microanalysis, 2007, 13, 372-383.	0.2	13
86	Mechanisms Regulating Oocyte Meiotic Resumption: Roles of Mitogen-Activated Protein Kinase. Molecular Endocrinology, 2007, 21, 2037-2055.	3.7	161
87	Centrosome Inheritance after Fertilization and Nuclear Transfer in Mammals. , 2007, 591, 58-71.		49
88	Remodeling of centrosomes in intraspecies and interspecies nuclear transfer porcine embryos. Cell Cycle, 2007, 6, 1510-20.	1.3	11
89	Regulation of dynamic events by microfilaments during oocyte maturation and fertilization. Reproduction, 2006, 131, 193-205.	1.1	255
90	Mitochondrial distribution and microtubule organization in fertilized and cloned porcine embryos: Implications for developmental potential. Developmental Biology, 2006, 299, 206-220.	0.9	67

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91	The nuclear mitotic apparatus (NuMA) protein is contributed by the donor cell nucleus in cloned porcine embryos. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1945.	3.0	26
92	Histone Deacetylation is Required for Orderly Meiosis. <i>Cell Cycle</i> , 2006, 5, 766-774.	1.3	77
93	Role of NuMA in vertebrate cells: review of an intriguing multifunctional protein. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1137.	3.0	80
94	Active demethylation of individual genes in intracytoplasmic sperm injection rabbit embryos. <i>Molecular Reproduction and Development</i> , 2005, 72, 530-533.	1.0	14
95	DNA hypomethylation of individual sequences in aborted cloned bovine fetuses. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 3002.	3.0	18
96	Cyclic Adenosine 3'5'-Monophosphate-Dependent Activation of Mitogen-Activated Protein Kinase in Cumulus Cells Is Essential for Germinal Vesicle Breakdown of Porcine Cumulus-Enclosed Oocytes. <i>Endocrinology</i> , 2005, 146, 4437-4444.	1.4	54
97	Function of donor cell centrosome in intraspecies and interspecies nuclear transfer embryos. <i>Experimental Cell Research</i> , 2005, 306, 35-46.	1.2	38
98	Centrosome Reduction During Gametogenesis and Its Significance <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 72, 2-13.	1.2	283
99	The significance of mitochondria for embryo development in cloned farm animals. <i>Mitochondrion</i> , 2005, 5, 303-321.	1.6	42
100	Detection of Centrosome Structure in Fertilized and Artificially Activated Sea Urchin Eggs Using Immunofluorescence Microscopy and Isolation of Centrosomes Followed by Structural Characterization with Field Emission Scanning Electron Microscopy. , 2004, 253, 151-164.		2
101	Protein Kinase C and Mitogen-Activated Protein Kinase Cascade in Mouse Cumulus Cells: Cross Talk and Effect on Meiotic Resumption of Oocyte <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 70, 1178-1187.	1.2	63
102	The DNA methylation events in normal and cloned rabbit embryos. <i>FEBS Letters</i> , 2004, 578, 69-72.	1.3	50
103	Centrosome Dynamics during Fertilization, Cell Division and Embryo Development. <i>Microscopy and Microanalysis</i> , 2004, 10, 1544-1545.	0.2	0
104	Three-Dimensional Imaging of <i>Toxoplasma gondii</i> Host Cell Interactions within the Parasitophorous Vacuole. <i>Microscopy and Microanalysis</i> , 2004, 10, 580-585.	0.2	18
105	Characterization of polo-like kinase-1 in rat oocytes and early embryos implies its functional roles in the regulation of meiotic maturation, fertilization, and cleavage. <i>Molecular Reproduction and Development</i> , 2003, 65, 318-329.	1.0	28
106	Effects of MEK inhibitor U0126 on meiotic progression in mouse oocytes: microtubule organization, asymmetric division and metaphase II arrest. <i>Cell Research</i> , 2003, 13, 375-383.	5.7	80
107	Characterization of Ribosomal S6 Protein Kinase p90 <sup>rsk</sup> During Meiotic Maturation and Fertilization in Pig Oocytes: Mitogen-Activated Protein Kinase-Associated Activation and Localization <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 968-977.	1.2	50
108	Structural Evidence for Actin-like Filaments in <i>Toxoplasma gondii</i> Using High-Resolution Low-Voltage Field Emission Scanning Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2003, 9, 330-335.	0.2	31

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109	Regulation of Cytoskeletal Functions in Pig Oocytes. <i>Microscopy and Microanalysis</i> , 2003, 9, 1200-1201.	0.2	0
110	Polo-Like Kinase-1 Is a Pivotal Regulator of Microtubule Assembly During Mouse Oocyte Meiotic Maturation, Fertilization, and Early Embryonic Mitosis <sup>1</sup> . <i>Biology of Reproduction</i> , 2002, 67, 546-554.	1.2	95
111	Unconventional Specimen Preparation Techniques Using High Resolution Low Voltage Field Emission Scanning Electron Microscopy to Study Cell Motility, Host Cell Invasion, and Internal Cell Structures in <i>Toxoplasma gondii</i> . <i>Microscopy and Microanalysis</i> , 2002, 8, 94-103.	0.2	12
112	Regulation of Mitogen-Activated Protein Kinase Phosphorylation, Microtubule Organization, Chromatin Behavior, and Cell Cycle Progression by Protein Phosphatases During Pig Oocyte Maturation and Fertilization In Vitro <sup>1</sup> . <i>Biology of Reproduction</i> , 2002, 66, 580-588.	1.2	82
113	Inhibitory effects of cAMP and protein kinase C on meiotic maturation and MAP kinase phosphorylation in porcine oocytes. <i>Molecular Reproduction and Development</i> , 2002, 63, 480-487.	1.0	43
114	Immunolocalization of NuMA and phosphorylated proteins during the cell cycle in human breast and prostate cancer cells as analyzed by immunofluorescence and postembedding immunoelectron microscopy. <i>Histochemistry and Cell Biology</i> , 2001, 115, 381-395.	0.8	10
115	Spaceflight and clinorotation cause cytoskeleton and mitochondria changes and increases in apoptosis in cultured cells. <i>Acta Astronautica</i> , 2001, 49, 399-418.	1.7	143
116	Microtubule assembly after treatment of pig oocytes with taxol: Correlation with chromosomes, $\gamma$ -tubulin, and MAP kinase. <i>Molecular Reproduction and Development</i> , 2001, 60, 481-490.	1.0	49
117	Cytoplasmic changes in relation to nuclear maturation and early embryo developmental potential of porcine oocytes: Effects of gonadotropins, cumulus cells, follicular size, and protein synthesis inhibition. <i>Molecular Reproduction and Development</i> , 2001, 59, 192-198.	1.0	117
118	Phosphorylation of p90 <sup>rsk</sup> during meiotic maturation and parthenogenetic activation of rat oocytes: correlation with MAP kinases. <i>Zygote</i> , 2001, 9, 269-276.	0.5	24
119	Dynamic Events Are Differently Mediated by Microfilaments, Microtubules, and Mitogen-Activated Protein Kinase During Porcine Oocyte Maturation and Fertilization In Vitro <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 879-889.	1.2	122
120	From fertilization to cancer: The role of centrosomes in the union and separation of genomic material. , 2000, 49, 420-427.		22
121	Androgen and taxol cause cell type-specific alterations of centrosome and DNA organization in androgen-responsive LNCaP and androgen-independent DU145 prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2000, 76, 463-477.	1.2	18
122	CENTROSOME ALTERATIONS INDUCED BY FORMAMIDE CAUSE ABNORMAL SPINDLE POLE FORMATIONS. <i>Cell Biology International</i> , 2000, 24, 611-620.	1.4	7
123	Centrosome-centriole abnormalities are markers for abnormal cell divisions and cancer in the transgenic adenocarcinoma mouse prostate (TRAMP) model. <i>Biology of the Cell</i> , 2000, 92, 331-340.	0.7	39
124	Genistein Inhibits Cell Proliferation and Induces Mitochondrial and Nuclear Alterations That Indicate Mechanisms Involved in Apoptosis. <i>Microscopy and Microanalysis</i> , 2000, 6, 850-851.	0.2	1
125	Fertilization in Invertebrates. , 2000, , 27-87.		3
126	Centrosome Structure And Function Is Altered By Experimental Manipulations With Formamide: Implications For Abnormal Cell Divisions During Cancer. <i>Microscopy and Microanalysis</i> , 1999, 5, 1286-1287.	0.2	1



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127	Androgen-Induced Oxidative Stress in Human LNCaP Prostate Cancer Cells Is Associated with Multiple Mitochondrial Modifications. <i>Antioxidants and Redox Signaling</i> , 1999, 1, 71-81.	2.5	33
128	EFFECTS OF SPACEFLIGHT CONDITIONS ON FERTILIZATION AND EMBRYOGENESIS IN THE SEA URCHIN <i>LYTECHINUS PICTUS</i> . <i>Cell Biology International</i> , 1999, 23, 407-415.	1.4	23
129	Centrosome and microtubule instability in aging <i>Drosophila</i> cells. <i>Journal of Cellular Biochemistry</i> , 1999, 74, 229-241.	1.2	34
130	Centrosome structure and function is altered by chloral hydrate and diazepam during the first reproductive cell cycles in sea urchin eggs. <i>European Journal of Cell Biology</i> , 1998, 75, 9-20.	1.6	19
131	Centrosome Proliferation in the Human Androgen-Responsive LNCaP and the Androgen-Independent DU145 Prostate Cancer Cell Lines. <i>Microscopy and Microanalysis</i> , 1998, 4, 1066-1067.	0.2	4
132	Cold-treated centrosome: Isolation of centrosomes from mitotic sea urchin eggs, production of an anticentrosomal antibody, and novel ultrastructural imaging. , 1996, 33, 197-207.		31
133	Dithiothreitol prevents membrane fusion but not centrosome or microtubule organization during the first cell cycles in sea urchins. <i>Cytoskeleton</i> , 1994, 27, 59-68.	4.4	21
134	Activation of maternal centrosomes in unfertilized sea urchin eggs. <i>Cytoskeleton</i> , 1992, 23, 61-70.	4.4	49
135	Microtubules are required for centrosome expansion and positioning while microfilaments are required for centrosome separation in sea urchin eggs during fertilization and mitosis. <i>Cytoskeleton</i> , 1988, 11, 248-259.	4.4	53
136	Acetylated $\alpha$ -tubulin in microtubules during mouse fertilization and early development. <i>Developmental Biology</i> , 1988, 130, 74-86.	0.9	98
137	Localization of fodrin during fertilization and early development of sea urchins and mice. <i>Developmental Biology</i> , 1986, 118, 457-466.	0.9	85
138	Motility and centrosomal organization during sea urchin and mouse fertilization. <i>Cytoskeleton</i> , 1986, 6, 163-175.	4.4	29
139	Surface activity at the egg plasma membrane during sperm incorporation and its cytochalasin B sensitivity. <i>Developmental Biology</i> , 1980, 78, 435-449.	0.9	65
140	Comparative Histology and Subcellular Structure of Mammalian Spermatogenesis and Spermatozoa. , 0, , 81-98.		8
141	Chromosome behavior and spindle formation in mammalian oocytes. , 0, , 142-153.		2
142	The role of the sperm centrosome in reproductive fitness. , 0, , 50-60.		2