

CITATION REPORT

List of articles citing

Oogenesis in *Xenopus laevis* (Daudin). I. Stages of oocyte development in laboratory maintained animals

DOI: 10.1002/jmor.1051360203

Journal of Morphology, 1972, 136, 153-79.

Source: <https://exaly.com/paper-pdf/11100978/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
1767	Studies on amphibian yolk. X. The relative roles of autosynthetic and heterosynthetic processes during yolk protein assembly by isolated oocytes. 1972 , 29, 255-72		88
1766	The Hormonal Control of the Amphibian Ovary. 1972 , 12, 289-306		72
1765	Amino acid pools in developing oocytes of <i>Xenopus laevis</i> . 1972 , 28, 531-6		43
1764	The effects of vinblastine on isolated <i>Xenopus</i> oocytes. 1972 , 53, 605-10		26
1763	Protein incorporation by isolated amphibian oocytes. II. A survey of inhibitors. 1972 , 181, 303-17		59
1762	Different size of the product of the 14S light chain mRNA translated in vitro and in amphibian oocytes. 1973 , 1, 3-6		17
1761	Protein incorporation by isolated amphibian oocytes. 3. Optimum incubation conditions. 1973 , 184, 321-33		449
1760	Persistence of maternal RNA in <i>Engystomops</i> embryos. 1973 , 185, 357-68		11
1759	Ultrastructural observations on the germ line of <i>Xenopus laevis</i> . 1973 , 138, 41-62		74
1758	Ultrastructural studies of oogenesis in some European amphibians. II. <i>Triturus vulgaris</i> . 1973 , 143, 387-407		19
1757	Distribution of incorporated and synthesized protein among cell fractions of <i>Xenopus</i> oocytes. 1973 , 35, 19-28		34
1756	Elimination of egg pigment from developing ocular tissues in the frog <i>Rana pipiens</i> . 1973 , 30, 115-28		11
1755	Quantitative and qualitative analysis of RNA synthesis in stage 6 and stage 4 oocytes of <i>Xenopus laevis</i> . 1973 , 34, 106-18		72
1754	Protein incorporation by isolated amphibian oocytes. IV. The role of follicle cells and calcium during protein uptake. 1973 , 82, 287-95		35
1753	Sequestered and injected vitellogenin. Alternative routes of protein processing in <i>Xenopus</i> oocytes. 1973 , 58, 721-4		18
1752	Complex surface invaginations in frog oocytes. 1973 , 58, 485-91		9
1751	Steroid inhibition of protein incorporation by isolated amphibian oocytes. 1974 , 61, 26-34		39

1750	Amphibian Vitellogenin: Properties, Hormonal Regulation of Hepatic Synthesis and Ovarian Uptake, and Conversion to Yolk Proteins. 1974 , 14, 1159-1175		136
1749	The lampbrush chromosomes of <i>Xenopus laevis</i> (Daudin). <i>Chromosoma</i> , 1974 , 47, 283-96	2.8	33
1748	Characterization of an endoribonuclease from <i>Xenopus</i> oocytes. Possible role in ribonucleic acid turnover. 1974 , 13, 2520-7		6
1747	Oogenesis in <i>Xenopus laevis</i> (Daudin). II. The induction and subcellular localization of tyrosinase activity in developing oocytes. 1974 , 36, 330-42		18
1746	Formation and structure of the fertilization envelope in <i>Xenopus laevis</i> . 1974 , 36, 44-61		197
1745	DNA-binding proteins of <i>Xenopus laevis</i> : synthesis during oogenesis-ovulation and early embryogenesis. 1974 , 83, 191-9		5
1744	THE PHYSIOLOGY OF VITELLOGENESIS. 1974 , 219-308		36
1743	Oogenesis in <i>Xenopus laevis</i> (Daudin). IV. Effects of gonadotropin, estrogen and starvation on endocytosis in developing oocytes. 1975 , 162, 177-84		17
1742	Transcription of DNAs of known sequence after injection into eggs and oocytes of <i>Xenopus laevis</i> . 1975 , 57, 85-96		34
1741	Synthesis of soluble protein in oocytes of <i>Xenopus laevis</i> . 1975 , 191, 253-60		4
1740	Germinal plasm and determination of the primordial germ cells. 1975 , 3-24		14
1739	MOLECULAR EVENTS DURING OOCYTE MATURATION. 1975 , 1-46		3
1738	Protein migration into nuclei. II. Frog oocyte nuclei accumulate a class of microinjected oocyte nuclear proteins and exclude a class of microinjected oocyte cytoplasmic proteins. 1975 , 64, 431-7		183
1737	Aster formation in eggs of <i>Xenopus laevis</i> . Induction by isolated basal bodies. 1975 , 67, 105-17		142
1736	Appearance of DNA polymerase activities during early development of <i>Xenopus laevis</i> . 1975 , 43, 159-174		71
1735	DNA synthesis in oocytes and eggs of <i>Xenopus laevis</i> injected with DNA. 1975 , 43, 189-99		50
1734	Synthesis of mitochondrial RNA by full-grown and maturing oocytes of <i>Rana pipiens</i> and <i>Xenopus laevis</i> . 1975 , 45, 44-55		34
1733	In vivo synthesis and turnover of cytoplasmic ribosomal RNA by stage 6 oocytes of <i>Xenopus laevis</i> . 1975 , 45, 199-202		20

1732	Hormonal effects on RNA synthesis by stage 6 oocytes of <i>Xenopus laevis</i> . 1975 , 47, 384-93	30	
1731	Ribosomal protein synthesis in <i>Xenopus laevis</i> oocytes. 1975 , 42, 40-52	28	
1730	Response of large oocytes of <i>Xenopus laevis</i> to progesterone in vitro in relation to oocyte size and time after previous HCG-induced ovulation. 1975 , 44, 375-9	56	
1729	The uptake of endogenous proteins by oocyte nuclei. 1975 , 93, 411-9	40	
1728	The 5' leads to 3' polarity of the <i>Xenopus</i> Ribosomal RNA precursor molecule. 1976 , 8, 449-54	63	
1727	Oogenesis in <i>Xenopus laevis</i> (Daudin). III. Localization of negative charges on the surface of developing oocytes. 1976 , 55, 4-16	26	
1726	In vivo and in vitro hormonal effects on the metabolism of immature oocytes of <i>Xenopus laevis</i> . 1976 , 48, 308-16	20	
1725	Inhibition of oocyte maturation by theophylline: possible mechanism of action. 1976 , 52, 318-22	89	
1724	The localization of the nuclear protein pool in <i>Xenopus</i> oocytes. 1976 , 100, 417-9	2	
1723	Maturation of <i>Xenopus</i> oocytes. I. Facilitation by ouabain. 1976 , 97, 56-62	38	
1722	Nature of progesterone action on amino acid uptake by isolated full-grown oocyte of <i>Xenopus laevis</i> . 1976 , 419, 342-8	17	
1721	Induction of maturation (meiosis) in small <i>Xenopus laevis</i> oocytes by injection of maturation promoting factor. 1976 , 73, 2028-32	20	
1720	Protein labelling patterns in oocytes of <i>Xenopus laevis</i> . 1976 , 6, 97-103	4	
1719	The arrangement of 18-S and 28-S ribosomal ribonucleic acids within the 40-S precursor molecule of <i>Xenopus laevis</i> . 1976 , 68, 471-80	14	
1718	Comparison of exogenous energy sources for in vitro maintenance of follicle cell-free <i>Xenopus laevis</i> oocytes. 1976 , 12, 173-9	41	
1717	Defined nutrient medium for the in vitro maintenance of <i>Xenopus laevis</i> oocytes. 1976 , 12, 418-27	84	
1716	Secretion of embryonic envelopes and embryonic molting cycles in <i>Hemioniscus balani</i> Buchholz, Isopoda Epicaridea. <i>Journal of Morphology</i> , 1976 , 148, 427-451	1.6	22
1715	Regulation of transcription of genes of ribosomal rna during amphibian oogenesis. A biochemical and morphological study. 1976 , 69, 465-89	72	

1714	The germinal vesicle nucleus of <i>Xenopus laevis</i> oocytes as a selective storage receptacle for proteins. 1976 , 69, 659-68	47
1713	Protein incorporation by isolated amphibian oocytes. V. Specificity for vitellogenin incorporation. 1976 , 69, 345-51	71
1712	"Cleavage" and cortical granule breakdown in <i>Rana pipiens</i> oocytes induced by direct microinjection of calcium. 1976 , 71, 395-401	79
1711	Methods for studying nucleocytoplasmic exchange of macromolecules. 1977 , 16, 167-77	3
1710	Purified DNAs are transcribed after microinjection into <i>Xenopus</i> oocytes. 1977 , 74, 1502-6	161
1709	Selective and accurate transcription of the <i>Xenopus laevis</i> 5S RNA genes in isolated chromatin by purified RNA polymerase III. 1977 , 74, 44-8	113
1708	High-fidelity transcription of 5S DNA injected into <i>Xenopus</i> oocytes. 1977 , 74, 2064-8	140
1707	Maturation of <i>Xenopus</i> oocytes. II. Observations on membrane potential. 1977 , 57, 305-16	78
1706	Diffusible and bound actin nuclei of <i>Xenopus laevis</i> oocytes. 1977 , 12, 883-91	168
1705	Very long-lived messenger RNA in ovaries of <i>Xenopus laevis</i> . 1977 , 57, 417-26	39
1704	Isolation of ribosomal gene chromatin. 1977 , 55, 375-86	64
1703	Differential accumulation of two size classes of poly(A) associated with messenger RNA during oogenesis in <i>Xenopus laevis</i> . 1977 , 57, 427-39	76
1702	Synthesis of heterogeneous nuclear RNA in full-grown oocytes of <i>Xenopus laevis</i> (Daudin). 1977 , 11, 663-71	42
1701	Recombinant DNA formation in a cell-free system from <i>Xenopus laevis</i> eggs. 1977 , 12, 191-204	35
1700	Accumulation of mitochondrial DNA during oogenesis in <i>Xenopus laevis</i> . 1977 , 56, 219-25	43
1699	Morphological observations on cultured lampbrush-stage <i>Rana pipiens</i> oocytes. 1977 , 55, 135-47	4
1698	Calcium, potassium, and sodium exchange by full-grown and maturing <i>Xenopus laevis</i> oocytes. 1977 , 61, 28-40	89
1697	Inhibitor of ribosomal RNA synthesis in <i>Xenopus laevis</i> embryos. VI. Occurrence in mature oocytes and unfertilized eggs. 1977 , 57, 210-4	5

1696	Persistence of oocyte amplified rDNA during early development of <i>Xenopus laevis</i> eggs. 1977 , 57, 226-9		10
1695	The distribution of ConA-binding sites on oocyte nuclear envelopes. 1977 , 107, 439-44		10
1694	Cell-free translation analysis of messenger RNA in echinoderm and amphibian early development. 1977 , 60, 48-68		75
1693	In vitro facilitation of <i>Xenopus</i> oocyte maturation by subthreshold doses of progesterone. 1977 , 59, 91-5		24
1692	Intracellular transport of vitellogenin in <i>Xenopus</i> oocytes: an autoradiographic study. 1977 , 60, 482-6		30
1691	Stimulation of poly(adenosine diphosphate ribose) synthase activity of <i>Xenopus</i> germinal vesicle by progesterone. 1977 , 286, 398-407		23
1690	Roles of divalent cations in maturation and activation of vertebrate oocytes. 1977 , 9, 49-57		62
1689	Alteration of structure and penetrability of the vitelline envelope after passage of eggs from coelom to oviduct in <i>Xenopus laevis</i> . 1977 , 201, 73-83		65
1688	Diplotene chromosomes of <i>Xenopus</i> hybrid oocytes. <i>Chromosoma</i> , 1977 , 59, 273-82	2.8	43
1687	Large scale isolation of nuclei and nucleoli from vitellogenic oocytes of <i>Xenopus laevis</i> . <i>Chromosoma</i> , 1978 , 66, 299-308	2.8	56
1686	Steroid-induced meiotic division in <i>Xenopus laevis</i> oocytes: surface and calcium. <i>Nature</i> , 1978 , 275, 593-8	50.4	260
1685	Steroid biosynthesis by ovarian follicles of <i>Xenopus laevis</i> in vitro during oogenesis. 1978 , 34, 287-95		32
1684	Method for the preparation of active maturation promoting factor (MPF) from in vitro matured oocytes of <i>Xenopus laevis</i> . 1978 , 10, 181-6		68
1683	Synthesis of lens crystallins in <i>Xenopus</i> oocytes as determined by quantitative immunoprecipitation. 1978 , 87, 517-24		21
1682	Development of a culture medium for growing <i>xenopus laevis</i> oocytes. 1978 , 1, 269-280		23
1681	Secretory functions of egg cortical granules in fertilization and development: A critical review. 1978 , 1, 299-382		196
1680	Oogenesis in <i>Xenopus laevis</i> (Daudin). V. Relationships between developing oocytes and their investing follicular tissues. <i>Journal of Morphology</i> , 1978 , 155, 73-97	1.6	116
1679	Alterations in growth, function and composition of <i>Rana pipiens</i> oocytes and follicles associated with microsporidian parasites. 1978 , 204, 81-94		5

1678	Oogenesis in <i>Xenopus laevis</i> (Daudin). VI. The route of injected tracer transport in the follicle and developing oocyte. 1978 , 204, 193-217	49
1677	Induced formation of asters and cleavage furrows in oocytes of <i>Xenopus laevis</i> during in vitro maturation. 1978 , 204, 431-44	47
1676	Insemination of immature sea urchin (<i>Arbacia punctulata</i>) eggs. 1978 , 62, 271-91	59
1675	The stimulatory effect of human chorionic gonadotropin on amino acid uptake by amphibian follicles. 1978 , 63, 213-23	12
1674	Patterns of synthesis and accumulation of heterogeneous RNA in lampbrush stage oocytes of <i>Xenopus laevis</i> (Daudin). 1978 , 67, 274-85	49
1673	The major polypeptides of the nuclear pore complex. 1978 , 116, 85-102	109
1672	Nucleosome structure of <i>Xenopus</i> oocyte amplified ribosomal genes. 1978 , 17, 4908-16	37
1671	Mechanism for the selection of nuclear polypeptides in <i>Xenopus</i> oocytes. 1978 , 78, 168-75	52
1670	Actin in <i>Xenopus</i> oocytes. 1978 , 77, 427-38	45
1669	Actin in <i>Xenopus</i> oocytes. II. Intracellular distribution and polymerizability. 1978 , 77, 439-47	46
1668	Isolation of amplified nucleoli from <i>Xenopus</i> oocytes. 1978 , 18, 55-60	
1667	DNAs of simian virus 40 and polyoma direct the synthesis of viral tumor antigens and capsid proteins in <i>Xenopus</i> oocytes. 1978 , 75, 6073-7	55
1666	Transcription of cloned tRNA gene fragments and subfragments injected into the oocyte nucleus of <i>Xenopus laevis</i> . 1978 , 75, 1176-80	100
1665	Long-term growth and differentiation of <i>Xenopus</i> oocytes in a defined medium. 1978 , 75, 5534-8	73
1664	Induction of maturation in <i>Xenopus laevis</i> oocytes by a steroid linked to a polymer. 1978 , 75, 2353-7	131
1663	Specific transcription of eukaryotic tRNA genes in <i>Xenopus</i> germinal vesicle extracts. 1978 , 75, 4819-23	71
1662	Amphibian oocyte maturation and protein synthesis: related inhibition by cyclic AMP, theophylline, and papaverine. 1978 , 75, 1242-6	62
1661	Oocyte-follicle cell gap junctions in <i>Xenopus laevis</i> and the effects of gonadotropin on their permeability. 1979 , 203, 182-3	118

1660	Xenopus oocyte cAMP-dependent protein kinases before and during progesterone-induced maturation. 1979 , 207, 367-374		7
1659	The progesterone receptor-like properties of Xenopus laevis oocyte melanosomes are probably due to eumelanin. 1979 , 207, 375-382		10
1658	The origin of yolk-DNA in Xenopus laevis. 1979 , 209, 367-76		14
1657	Calcium-induced dehiscence of cortical granules in Xenopus laevis oocytes. 1979 , 210, 107-15		23
1656	The intra-nucleolar localization of amplified rDNA in Xenopus laevis oocytes. <i>Chromosoma</i> , 1979 , 73, 29-36	2.8	17
1655	Quantitative determination of amplified rDNA and its distribution during oogenesis in Xenopus laevis. <i>Chromosoma</i> , 1979 , 73, 37-44	2.8	36
1654	Transcriptionally active and inactive regions of nucleolar chromatin in amplified nucleoli of fully grown oocytes of hibernating frogs, Rana pipiens (Amphibia, Anura). A quantitative electron microscopic study. 1979 , 15, 73-95		26
1653	Translation of biologically active messenger RNA from human placenta in Xenopus oocytes. 1979 , 94, 393-400		9
1652	Induction of vitellogenin synthesis in goldfish by massive doses of androgens. 1979 , 37, 306-20		127
1651	Growth rate of oocytes in laboratory-maintained Xenopus laevis. 1979 , 2, 125-135		35
1650	Endogenous phosphorylated proteins during maturation of Xenopus laevis oocytes. 1979 , 2, 137-145		17
1649	Transcription of a cloned ovalbumin ds-cDNA in Xenopus laevis oocytes. 1979 , 86, 1227-33		2
1648	Poly(A)+ RNA metabolism during oogenesis in Xenopus laevis. 1979 , 69, 217-36		83
1647	An actin filament matrix in hand-isolated nuclei of X. laevis oocytes. 1979 , 18, 1101-8		120
1646	In vivo studies on the incorporation of microinjected acidic proteins of the large ribosomal subunit from Escherichia coli and artemia salina into oocyte ribosomes from Xenopus laevis. 1979 , 18, 4144-7		22
1645	Properties of a cytostatic factor from Xenopus laevis eggs. 1979 , 72, 182-7		62
1644	Cyclic AMP synthesis in Xenopus laevis oocytes: inhibition by progesterone. 1979 , 582, 179-84		78
1643	Transcription of cloned tRNA genes and the nuclear partitioning of a tRNA precursor. 1979 , 18, 1165-72		89

1642	Turnover and processing of poly(A) in full-grown oocytes and during progesterone-induced oocyte maturation in <i>Xenopus laevis</i> . 1979 , 71, 323-40		42
1641	Induction of amphibian oocyte maturation by polyvalent cations and alkaline pH in the absence of potassium ions. 1979 , 72, 374-80		31
1640	Hybrids of <i>Xenopus laevis</i> and <i>Xenopus borealis</i> express proteins from both parents. 1979 , 68, 334-9		18
1639	Mitochondrial DNA arranged into chromatin-like structures after injection into amphibian oocyte nuclei. 1979 , 122, 363-75		26
1638	Mitochondria DNA synthesis in oocytes of <i>Xenopus laevis</i> . 1979 , 119, 414-8		8
1637	Transcription of cloned <i>Xenopus</i> 5S RNA genes by <i>X. laevis</i> RNA polymerase III in reconstituted systems. 1979 , 76, 136-40		112
1636	Transcription units of chicken ovalbumin gene observed after injection of cloned complete genes into <i>Xenopus</i> oocyte nuclei. 1980 , 77, 5984-8		23
1635	Progesterone induces a rapid increase in [Ca ²⁺]in of <i>Xenopus laevis</i> oocytes. 1980 , 77, 1534-6		152
1634	Immunological analysis of nuclear lamina proteins. <i>Chromosoma</i> , 1980 , 80, 219-36	2.8	49
1633	Appearance of RNA with a specific size class of poly(A) in oocytes and eggs in HCG-stimulated <i>Xenopus laevis</i> females. 1980 , 213, 117-22		3
1632	Ribosomal RNA synthesis and transport following disruption of the nuclear envelope. 1980 , 205, 157-62		22
1631	KINETIC ANALYSIS OF ENTIRE OOGENESIS IN XENOPUS LAEVIS. <i>Development Growth and Differentiation</i> , 1980 , 22, 831-840	3	19
1630	Cyclic AMP phosphodiesterase activities in <i>Xenopus laevis</i> oocytes. 1980 , 16, 31-9		25
1629	Messenger RNA for ribosomal proteins in <i>Xenopus laevis</i> oocytes. 1980 , 106, 603-11		41
1628	Metabolism of Poly (A) Sequences of Maternal mRNA during Progesterone-Induced Maturation of <i>Xenopus laevis</i> Oocytes. 1980 , 5, 67-79		6
1627	Mechanism for the selection of nuclear polypeptides in <i>Xenopus</i> oocytes. II. Two-dimensional gel analysis. 1980 , 87, 589-93		60
1626	Expression of the herpes thymidine kinase gene in <i>Xenopus laevis</i> oocytes: an assay for the study of deletion mutants constructed in vitro. <i>Nucleic Acids Research</i> , 1980 , 8, 5931-48	20.1	159
1625	The synthesis of authentic sea urchin transcriptional and translational products by sea urchin histone genes injected into <i>Xenopus laevis</i> oocytes. 1980 , 75, 13-25		42

1624	The effect of taxol on living eggs of <i>Xenopus laevis</i> . 1980 , 80, 489-94	72
1623	Melanogenesis in oocytes of wild-type and mutant albino axolotls. 1980 , 74, 251-62	5
1622	Polyethylene glycol- and lysolecithin-induced cell fusion between follicle cell and very small oocyte in <i>Xenopus laevis</i> . 1980 , 128, 9-14	6
1621	Fine structure and secretion of the capsule enclosing the embryo in a crab (<i>Carcinus maenas</i> (L.)). 1980 , 12, 287-308	28
1620	Ultrastructural observation of oogenesis in the crustacea amphipoda <i>Orchestia gammarellus</i> (Pallas). 1980 , 12, 47-62	45
1619	Types of muscarinic response in <i>Xenopus</i> oocytes. 1980 , 27, 1423-8	63
1618	Mechanisms Regulating Pattern Formation in the Amphibian Egg and Early Embryo. 1980 , 133-316	79
1617	Evidence for in vivo compartmentation of phenylalanyl-tRNA ligase in amphibian oocytes. 1980 , 202, 653-6	6
1616	Increased ornithine decarboxylase activity during meiotic maturation in <i>Xenopus laevis</i> oocytes. 1980 , 96, 1274-81	19
1615	Transcription of a specific product from cloned T4 tRNA genes in <i>Xenopus</i> germinal vesicle extract. 1980 , 92, 424-30	3
1614	A study on the steady-state population of poly(A)+RNA during early development of <i>Xenopus laevis</i> . 1980 , 77, 431-48	92
1613	Accumulation of individual pA+ RNAs during oogenesis of <i>Xenopus laevis</i> . 1980 , 22, 835-44	116
1612	Protein incorporation by isolated amphibian oocytes. VI. Comparison of autologous and xenogeneic vitellogenins. 1980 , 65, 151-155	3
1611	Intracellular localization of DNA polymerase activities within large oocytes of the frog, <i>Xenopus laevis</i> . 1980 , 80, 79-95	37
1610	Stable RNAs and embryonic differentiation in Amphiba. 1980 , 47, 267-279	
1609	pH changes associated with meiotic maturation in oocytes of <i>Xenopus laevis</i> . 1981 , 85, 358-69	100
1608	Hormonal regulation of glucose uptake by amphibian follicles. 1981 , 136, 215-23	5
1607	Calcium-mediated transduction of the hormonal message in meiosis reinitiation of starfish oocytes: modulation following injection of cholera toxin and cAMP-dependent protein kinase. 1981 , 135, 237-49	53

1606	Adenylate cyclase and cyclic AMP-phosphodiesterase activities during the early phase of maturation in <i>Xenopus laevis</i> oocytes. 1981 , 123, 37-40	14
1605	Secreted proteins in the medium of microinjected <i>Xenopus</i> oocytes are degraded by oocyte proteases. 1981 , 128, 305-10	20
1604	Replication of heterologous DNA in <i>Xenopus laevis</i> oocytes. 1981 , 124, 215-8	4
1603	Modifications in oocyte protein synthesis induced by progesterone in <i>Xenopus laevis</i> . 1981 , 127, 233-6	12
1602	Measurement of 5 S RNA accumulation in oocytes of <i>Xenopus laevis</i> using a cDNA probe. 1981 , 136, 247-50	3
1601	DNA methylase during <i>Xenopus laevis</i> development. 1981 , 655, 329-34	7
1600	Electrical membrane properties of the <i>Xenopus laevis</i> oocyte during progesterone-induced meiotic maturation. 1981 , 84, 471-6	67
1599	RNA processing in microinjected <i>Xenopus</i> oocytes. Sequential addition of base modifications in the spliced transfer RNA. 1981 , 145, 405-20	189
1598	Investigation of possible cholinergic mechanisms in fertilization of <i>Xenopus</i> eggs. 1981 , 213, 59-72	10
1597	The pure inhibitor of cAMP-dependent protein kinase initiates <i>Xenopus laevis</i> meiotic maturation. A 4-step scheme for meiotic maturation. 1981 , 22, 211-22	89
1596	Synthesis, turnover, and stability of heterogeneous RNA in growing mouse oocytes. 1981 , 86, 384-92	45
1595	Quantitation of the accumulation of histone messenger RNA during oogenesis in <i>Xenopus laevis</i> . 1981 , 86, 303-14	26
1594	Evidence for the involvement of transglutaminase in the uptake of vitellogenin by <i>Xenopus laevis</i> oocytes. 1981 , 99, 221-7	15
1593	A mosaicism in the higher order structure of <i>Xenopus</i> oocyte nucleolar chromatin prior to and during ribosomal gene transcription. 1981 , 23, 711-20	43
1592	Vitellogenesis and the vitellogenin gene family. 1981 , 212, 298-304	283
1591	Full-grown oocytes from <i>Xenopus laevis</i> resume growth when placed in culture. 1981 , 78, 3078-82	28
1590	Adenosine 3' :5' monophosphate receptor sites in <i>Xenopus laevis</i> oocytes. 1981 , 18, 179-84	1
1589	Patterns of transcriptional activity of nucleolar genes during progesterone-induced maturation of oocytes of <i>Xenopus laevis</i> . 1981 , 20, 36-44	14

1588	Phosphorylation of ribosomal proteins during maturation of <i>Xenopus laevis</i> oocytes. 1981 , 120, 351-5		64
1587	Adenylate cyclase activity in <i>Xenopus laevis</i> ovarian follicles. 1981 , 40, 85-91		10
1586	Protein phosphatase-1 is involved in <i>Xenopus</i> oocyte maturation. <i>Nature</i> , 1981 , 294, 358-9	50.4	86
1585	The roles of follicular envelopes in the initiation of <i>Xenopus</i> oocyte maturation. 1981 , 44, 335-43		17
1584	Production of androgen and estradiol-17 beta by <i>Xenopus</i> ovaries treated with gonadotropins in vitro. 1981 , 43, 234-42		19
1583	Induction of meiosis of <i>Xenopus laevis</i> oocytes by mianserine. 1981 , 4, 49-56		9
1582	Subcellular compartmentalization of maize storage proteins in <i>Xenopus</i> oocytes injected with zein messenger RNAs. 1981 , 89, 292-9		83
1581	Identification of a novel class of tandemly repeated genes transcribed on lampbrush chromosomes of <i>Pleurodeles waltlii</i> . 1981 , 88, 599-603		8
1580	Subcellular localization of the tRNA processing enzyme, tRNA nucleotidyltransferase, in <i>Xenopus laevis</i> oocytes and in somatic cells. <i>Nucleic Acids Research</i> , 1982 , 10, 4397-407	20.1	17
1579	Microinjected progesterone reinitiates meiotic maturation of <i>Xenopus laevis</i> oocytes. 1982 , 79, 5552-6		25
1578	Biosynthesis and secretion of catalytically active acetylcholinesterase in <i>Xenopus</i> oocytes microinjected with mRNA from rat brain and from <i>Torpedo</i> electric organ. 1982 , 79, 830-4		49
1577	Cholinergic and catecholaminergic receptors in the <i>Xenopus</i> oocyte membrane. 1982 , 328, 143-70		415
1576	Mapping of transcription initiation and termination signals on <i>Xenopus laevis</i> ribosomal DNA. 1982 , 79, 56-60		91
1575	Sodium channels induced by depolarization of the <i>Xenopus laevis</i> oocyte. 1982 , 79, 3188-92		91
1574	Multiple HLA-DR antigens: detection with monoclonal antibodies and translation in vitro. 1982 , 79, 2658-62		18
1573	Hybridization-selected translation of <i>Bombyx mori</i> high-cysteine chorion proteins in <i>Xenopus laevis</i> oocytes. 1982 , 79, 1032-6		16
1572	Transcription of a <i>Drosophila</i> heat shock gene is heat-induced in <i>Xenopus</i> oocytes. 1982 , 79, 1776-80		102
1571	Cyclic GMP mimics the muscarinic response in <i>Xenopus</i> oocytes: identity of ionic mechanisms. 1982 , 79, 3052-6		26

1570	Recent progress in the structure, origin, composition, and function of cortical granules in animal egg. 1982 , 78, 257-360	58
1569	Soluble acidic complexes containing histones H3 and H4 in nuclei of <i>Xenopus laevis</i> oocytes. 1982 , 29, 799-809	160
1568	Effects of cholera toxin and actinomycin on synthesis of [35s]methionine-labeled proteins during progesterone-induced maturation of <i>Xenopus laevis</i> oocytes. 1982 , 91, 36-42	25
1567	Localized protein synthesis during oogenesis of <i>Xenopus laevis</i> : analysis by in situ translation. 1982 , 94, 41-50	16
1566	Transcription of <i>Xenopus borealis</i> rRNA genes in nuclei of <i>Xenopus laevis</i> oocytes. 1982 , 93, 471-7	13
1565	Regulation of protein synthesis and accumulation during oogenesis in <i>Xenopus laevis</i> . 1982 , 93, 478-97	45
1564	Transient localizations of messenger RNA in <i>Xenopus laevis</i> oocytes. 1982 , 89, 1-12	79
1563	Protein synthesis during maturation promoting factor- and progesterone-induced maturation in <i>Xenopus</i> oocytes. 1982 , 89, 152-8	125
1562	Carbon dioxide reversibly inhibits meiosis of <i>Xenopus laevis</i> oocyte and the appearance of the maturation promoting factor. 1982 , 90, 315-9	12
1561	The role of the maturation-promoting factor in controlling protein synthesis in <i>Xenopus</i> oocytes. 1982 , 90, 445-7	9
1560	Sequence organization of the poly(A) RNA synthesized and accumulated in lampbrush chromosome stage <i>Xenopus laevis</i> oocytes. 1982 , 155, 281-309	103
1559	NAD-glycohydrolase activity in <i>Xenopus laevis</i> oocytes and early embryos. 1982 , 108, 36-41	7
1558	In vitro effects of progesterone and estradiol-17 beta on cholera toxin activated <i>Xenopus</i> oocyte adenylate cyclase. 1982 , 17, 191-6	19
1557	Generality of the action of various maturation-promoting factors. 1982 , 137, 121-6	183
1556	Differential inhibition by progesterone of the adenylate cyclase of oocytes and follicle cells of <i>Xenopus laevis</i> . 1982 , 143, 124-8	21
1555	Adenylate cyclase in <i>Xenopus laevis</i> oocytes: characterization of the progesterone-sensitive, membrane-bound form. 1982 , 28, 211-27	35
1554	Structure of the active nucleolar chromatin of <i>Xenopus laevis</i> Oocytes. 1982 , 28, 279-92	87
1553	Characterization of the soluble cyclic nucleotide phosphodiesterases in <i>Xenopus laevis</i> oocytes. Evidence for a calmodulin-dependent enzyme. 1982 , 701, 253-9	18

1552	Endocytosis of yolk proteins by <i>Xenopus laevis</i> oocytes: kinetics of uptake of estrogen and gonadotropin-induced vitellogenins. 1982 , 47, 94-8		3
1551	In vitro induction of germinal vesicle breakdown in <i>Xenopus laevis</i> oocytes by melittin. 1982 , 21, 127-32		11
1550	Messenger RNA for human tissue plasminogen activator. 1982 , 121, 269-74		25
1549	The spatial pattern of RNA in fully grown oocytes of an amphibian, <i>Xenopus laevis</i> . 1982 , 219, 147-54		13
1548	Chromatin structure of <i>Xenopus</i> rDNA transcription termination sites. Evidence for a two-step process of transcription termination. <i>Chromosoma</i> , 1982 , 86, 703-15	2.8	11
1547	Morphology and transcriptional activity of mouse oocyte chromosomes. <i>Chromosoma</i> , 1982 , 86, 181-96	2.8	10
1546	Adenosine-induced slow ionic currents in the <i>Xenopus</i> oocyte. <i>Nature</i> , 1982 , 298, 572-4	50.4	81
1545	The Presence of Intramitochondrial Yolk-crystals in Oocytes of Hypophysectomized Bullfrog Tadpoles*. <i>Development Growth and Differentiation</i> , 1982 , 24, 319-325	3	3
1544	Accumulation of Annulate Lamellae in the Subcortical Layer during Progesterone-induced Oocyte Maturation in <i>Xenopus Laevis</i> . <i>Development Growth and Differentiation</i> , 1983 , 25, 1-10	3	21
1543	Effects of 12-O-tetradecanoylphorbol 13-acetate on the production of mRNAs for human tissue-type plasminogen activator. 1983 , 131, 481-7		46
1542	Ribosomal preparations may induce maturation in <i>Xenopus laevis</i> oocytes. 1983 , 8, 245-253		
1541	The accumulation of the maternal pool of histone H1A during oogenesis in <i>Xenopus laevis</i> . 1983 , 12, 257-64		26
1540	Calmodulin modulates the cyclic AMP level in <i>Xenopus</i> oocyte. 1983 , 12, 211-8		16
1539	A rapid increase in acetylcholinesterase mRNA during ascidian embryogenesis as demonstrated by microinjection into <i>Xenopus laevis</i> oocytes. 1983 , 13, 233-8		18
1538	Stabilization of the maturation promoting factor (MPF) from <i>Xenopus laevis</i> oocytes. Protection against calcium ions. 1983 , 13, 143-8		20
1537	Changes in water proton relaxation times and in nuclear to cytoplasmic element gradients during meiotic maturation of <i>Xenopus</i> oocytes. 1983 , 116, 87-92		14
1536	Vitellogenic cycles in laboratory-maintained females of the leopard frog, <i>Rana pipiens</i> . 1983 , 226, 211-9		12
1535	NAD turnover during early development of <i>Xenopus laevis</i> . 1983 , 762, 272-80		8

1534	Nucleocytoplasmic distribution of snRNPs and stockpiled snRNA-binding proteins during oogenesis and early development in <i>Xenopus laevis</i> . 1983 , 32, 425-34	185
1533	cAMP-dependent protein kinase regulates in ovo cAMP level of the <i>Xenopus</i> oocyte: evidence for an intracellular feedback mechanism. 1983 , 31, 151-60	14
1532	Acetylcholinesterase activity of <i>Xenopus laevis</i> oocytes. 1983 , 10, 1487-95	18
1531	Tandemly repeated DNA sequences from <i>Xenopus laevis</i> . I. Studies on sequence organization and variation in satellite 1 DNA (741 base-pair repeat). 1983 , 165, 567-85	59
1530	Analysis of the chromatin assembled in germinal vesicles of <i>Xenopus</i> oocytes. 1983 , 170, 699-722	56
1529	Intracellular pH plays a role in regulating protein synthesis in <i>Xenopus</i> oocytes. 1983 , 97, 302-12	56
1528	Internal pH of <i>Xenopus</i> oocytes: a study of the mechanism and role of pH changes during meiotic maturation. 1983 , 100, 133-46	77
1527	Induction of germinal vesicle breakdown in <i>Xenopus laevis</i> oocytes: response of denuded oocytes to progesterone and insulin. 1983 , 100, 214-21	29
1526	Two-dimensional gel analysis of the fate of oocyte nuclear proteins in the development of <i>Xenopus laevis</i> . 1983 , 100, 412-25	56
1525	Changes in nucleotide-binding proteins during oocyte maturation in <i>Xenopus laevis</i> . 1983 , 99, 240-7	3
1524	Onset of 5 S RNA gene regulation during <i>Xenopus</i> embryogenesis. 1983 , 99, 248-57	113
1523	RNA stabilization and continued RNA processing following nuclear dissolution in maturing <i>Xenopus laevis</i> oocytes. 1983 , 99, 427-36	14
1522	Steroid production by <i>Xenopus</i> ovarian follicles at different developmental stages. 1983 , 99, 502-9	85
1521	Developmental change of a depolarization-induced sodium permeability in the oocyte of <i>Xenopus laevis</i> . 1983 , 99, 524-8	16
1520	The development of competence for meiotic maturation during oogenesis in <i>Xenopus laevis</i> . 1983 , 98, 165-72	33
1519	Analysis of expression of adenovirus DNA (fragments) by microinjection in <i>Xenopus</i> oocytes. Independent synthesis of minor early region 2 proteins. 1983 , 163, 209-38	19
1518	Human beta-globin pre-mRNA synthesized in vitro is accurately spliced in <i>Xenopus</i> oocyte nuclei. 1983 , 32, 681-94	510
1517	Early increase of a 105,000-dalton phosphoprotein during meiotic maturation of <i>Xenopus laevis</i> oocyte. 1983 , 65, 15-23	21

1516	Xenopus laevis lectin is localized at several sites in Xenopus oocytes, eggs, and embryos. 1983 , 97, 1875-81	41
1515	Protein loss during nuclear isolation. 1983 , 97, 1240-2	80
1514	Nuclear exclusion of transcription factor IIIA and the 42s particle transfer RNA-binding protein in Xenopus oocytes: a possible mechanism for gene control?. 1983 , 97, 1261-5	42
1513	High mobility group proteins of amphibian oocytes: a large storage pool of a soluble high mobility group-1-like protein and involvement in transcriptional events. 1983 , 97, 838-48	76
1512	Maturation-promoting factor induces nuclear envelope breakdown in cycloheximide-arrested embryos of Xenopus laevis. 1983 , 97, 81-91	156
1511	Transcription in cloned spacers of Xenopus laevis ribosomal DNA. 1983 , 80, 6490-4	46
1510	Microinjection of purified ornithine decarboxylase into Xenopus oocytes selectively stimulates ribosomal RNA synthesis. 1983 , 80, 1318-21	27
1509	Regulation of adenovirus transcription by an E1a gene in microinjected Xenopus laevis oocytes. <i>Molecular and Cellular Biology</i> , 1983 , 3, 2131-42	4.8 60
1508	Genetic recombination of bacteriophage lambda DNAs in Xenopus oocytes. 1983 , 80, 6902-6	21
1507	Transcription of repetitive sequences on Xenopus lampbrush chromosomes. 1983 , 80, 3364-7	48
1506	Isolation of cDNA sequences coding for a part of human tissue plasminogen activator. 1983 , 80, 349-52	59
1505	Development of translationally active mRNA for larval muscle acetylcholinesterase during ascidian embryogenesis. 1983 , 80, 4761-5	33
1504	A transient calcium-dependent chloride current in the immature Xenopus oocyte. 1983 , 342, 309-25	512
1503	Use of microinjection techniques to study protein kinases and protein phosphorylation in amphibian oocytes. 1983 , 99, 219-26	15
1502	Proteins of pore complex--lamina structures from nuclei and nuclear membranes. 1983 , 96, 597-608	26
1501	The cloning and expression of the gene encoding organ-specific esterase S from the genome of <i>Drosophila virilis</i> .. <i>EMBO Journal</i> , 1983 , 2, 1-7	13 8
1500	Diffusive and nondiffusive proteins in vivo. 1984 , 99, 188s-195s	50
1499	Histone RNA in amphibian oocytes visualized by in situ hybridization to methacrylate-embedded tissue sections.. <i>EMBO Journal</i> , 1984 , 3, 1939-1943	13 58

1498	Transcriptional analysis of human zeta globin genes.. <i>EMBO Journal</i> , 1984 , 3, 1533-1540	13	17
1497	Human globin gene transcription in injected <i>Xenopus</i> oocytes: enhancement by sodium butyrate.. <i>EMBO Journal</i> , 1984 , 3, 2787-2792	13	17
1496	Movement of a karyophilic protein through the nuclear pores of oocytes. 1984 , 99, 2216-22		476
1495	Induction and disappearance of excitability in the oocyte of <i>Xenopus laevis</i> : a voltage-clamp study. 1984 , 356, 275-89		35
1494	Monensin blocks the first meiotic cell division of the <i>Xenopus</i> oocyte: Effect at the nuclear membrane level. 1984 , 9, 339-349		8
1493	The role of germinal vesicle in maturation of <i>Pleurodeles waltlii</i> oocytes induced by steroids. 1984 , 14, 153-7		12
1492	In vitro inhibition of tubulin assembly by a ribonucleoprotein complex associated with the free ribosome fraction isolated from <i>Xenopus laevis</i> oocytes: effect at the level of microtubule-associated proteins. 1984 , 14, 179-87		16
1491	Development and ultrastructural autoradiographic studies of nucleolus-like bodies (nuages) in oocytes of a viviparous teleost (<i>Xiphophorus helleri</i>). 1984 , 238, 121		31
1490	Role of soluble myosin in cortical contractions of <i>Xenopus</i> eggs. <i>Nature</i> , 1984 , 310, 150-1	50.4	39
1489	Distribution and utilization of 5 S-RNA-binding proteins during the development of <i>Xenopus</i> oocytes. 1984 , 144, 503-8		9
1488	Amiloride and other blockers of electrolyte flux as inhibitors of progesterone-stimulated meiotic maturation in <i>Xenopus</i> oocytes. 1984 , 17, 161-9		
1487	Maturation involves suppression of voltage-gated currents in the frog oocyte. 1984 , 121, 576-88		29
1486	The modifications of cortical endoplasmic reticulum during in vitro maturation of <i>Xenopus laevis</i> oocytes and its involvement in cortical granule exocytosis. 1984 , 229, 283-93		92
1485	Intercellular junctions between the follicle cells and oocytes of <i>Xenopus laevis</i> . 1984 , 230, 105-13		41
1484	The effect of trifluoperazine on maturation of <i>Xenopus laevis</i> oocytes. 1984 , 230, 427-41		8
1483	The thiol-disulfide balance during maturation of <i>Xenopus laevis</i> oocytes. 1984 , 231, 93-100		2
1482	ATP-gamma-S (adenosine 5'-O(3-thiotriphosphate)) blocks progesterone-induced maturation of the <i>Xenopus</i> oocyte. 1984 , 231, 131-6		12
1481	The regulation of ribosomal protein S-6 phosphorylation in <i>Xenopus</i> oocytes: a potential role for intracellular pH. 1984 , 101, 436-45		49

1480	The effect of insulin on intracellular pH and ribosomal protein S6 phosphorylation in oocytes of <i>Xenopus laevis</i> . 1984 , 102, 79-89	77
1479	The onset of activation responsiveness during maturation coincides with the formation of the cortical endoplasmic reticulum in oocytes of <i>Xenopus laevis</i> . 1984 , 102, 90-7	115
1478	The accumulation of prominent tadpole mRNAs occurs at the beginning of neurulation in <i>Xenopus laevis</i> embryos. 1984 , 106, 289-95	23
1477	The maturation response of stage IV, V, and VI <i>Xenopus</i> oocytes to progesterone stimulation in vitro. 1984 , 105, 315-24	32
1476	The mitochondrial cloud of <i>Xenopus</i> oocytes: the source of germinal granule material. 1984 , 105, 458-69	197
1475	Lineage segregation and developmental autonomy in expression of functional muscle acetylcholinesterase mRNA in the ascidian embryo. 1984 , 105, 479-87	28
1474	Stimulation of DNA synthesis by microinjection of diadenosine 5',5''-P1, P4-tetraphosphate (Ap4A) into <i>Xenopus laevis</i> oocytes. 1984 , 103, 409-13	38
1473	Differential expression of multiple U1 small nuclear RNAs in oocytes and embryos of <i>Xenopus laevis</i> . 1984 , 38, 681-9	136
1472	Multiple ubiquitin mRNAs during <i>Xenopus laevis</i> development contain tandem repeats of the 76 amino acid coding sequence. 1984 , 39, 321-5	124
1471	Chromatin assembly in <i>Xenopus</i> oocytes: in vivo studies. 1984 , 37, 21-32	270
1470	Beta-adrenergic induced potassium current in <i>Xenopus</i> oocyte: involvement of cyclic AMP. 1984 , 66, 135-8	14
1469	<i>Xenopus</i> 5S gene transcription factor, TFIIIA: characterization of a cDNA clone and measurement of RNA levels throughout development. 1984 , 39, 479-89	313
1468	Are prohormones converted to hormones during secretion?. 1984 , 15, 47-59	5
1467	Calcium sequestering activities of reticulum vesicles from <i>Xenopus laevis</i> oocytes. 1984 , 155, 565-74	13
1466	Characterization of protein kinases in mitotic and meiotic cell extracts. 1984 , 167, 193-8	30
1465	Oocyte adenylyl cyclase contains Ni, yet the guanine nucleotide-dependent inhibition by progesterone is not sensitive to pertussis toxin. 1984 , 175, 25-30	54
1464	Digitoxigenin, a digitalis steroid, induces meiotic maturation of <i>Xenopus laevis</i> oocytes. 1984 , 21, 101-6	5
1463	Studies on the mechanism of inhibition of amphibian oocyte adenylate cyclase by progesterone. 1984 , 228, 379-87	40

1462	Small nuclear U-ribonucleoproteins in <i>Xenopus laevis</i> development. Uncoupled accumulation of the protein and RNA components. 1984 , 178, 273-85		80
1461	Interspersed poly(A) RNAs of amphibian oocytes are not translatable. 1984 , 173, 227-41		63
1460	The effect of multiple laparotomies, biopsies and feeding on the oocytes of <i>Rana catesbeiana</i> . 1984 , 38, 329-333		2
1459	Effect of two types of light on survival, growth and ovary development of <i>Rana catesbeiana</i> . 1984 , 40, 163-169		
1458	Fidelity of transcription of <i>Xenopus laevis</i> globin genes injected into <i>Xenopus laevis</i> oocytes and unfertilized eggs. <i>Molecular and Cellular Biology</i> , 1984 , 4, 2109-19	4.8	29
1457	In vivo effects of microinjected alkaline phosphatase and its low molecular weight substrates on the first meiotic cell division in <i>Xenopus laevis</i> oocytes. 1984 , 81, 5150-4		24
1456	Nucleotide sequence of human monocyte interleukin 1 precursor cDNA. 1984 , 81, 7907-11		856
1455	<i>Xenopus</i> oocyte resting potential, muscarinic responses and the role of calcium and guanosine 3',5'-cyclic monophosphate. 1984 , 352, 551-74		137
1454	DNase I footprinting shows three protected regions in the promoter of the rRNA genes of <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1985 , 5, 313-9	4.8	18
1453	A cDNA clone for a polyadenylated RNA-binding protein of <i>Xenopus laevis</i> oocytes hybridizes to four developmentally regulated mRNAs. <i>Molecular and Cellular Biology</i> , 1985 , 5, 2697-704	4.8	9
1452	Mobilization of specific maternal RNA species into polysomes after fertilization in <i>Xenopus laevis</i> . 1985 , 82, 7636-40		77
1451	The biosynthesis of biologically active proteins in mRNA-microinjected <i>Xenopus</i> oocytes. 1985 , 18, 199-238		94
1450	Growing <i>Xenopus</i> oocytes have spare translational capacity. 1985 , 82, 6586-9		18
1449	Acetylcholine and phorbol esters inhibit potassium currents evoked by adenosine and cAMP in <i>Xenopus</i> oocytes. 1985 , 82, 6001-5		58
1448	The Differentiation of the Vitelline Envelope of <i>Xenopus</i> Oocytes*. <i>Development Growth and Differentiation</i> , 1985 , 27, 189-200	3	7
1447	In vitro induction of <i>Xenopus</i> oocyte maturation by 4-pregnene-17 alpha, 20 beta-diol-3-one. 1985 , 57, 130-4		5
1446	Heat-shock response in <i>Xenopus</i> oocytes during meiotic maturation and activation. 1985 , 16, 161-8		7
1445	Early stimulation of phospholipid methylation in <i>Xenopus</i> oocytes by progesterone. 1985 , 16, 35-41		6

1444	Translation and functional expression of cell-cell channel mRNA in <i>Xenopus</i> oocytes. 1985 , 87, 253-68		45
1443	My favourite cell: Microinjected frog oocytes: A first-rate test tube for studies on metabolism and its control. 1985 , 2, 221-226		13
1442	Ovarian cycle in the frog <i>Rana cyanophlyctis</i> : A quantitative study of follicular kinetics in relation to body mass, oviduct, and fat body cycles. <i>Journal of Morphology</i> , 1985 , 186, 135-147	1.6	26
1441	Synthesis, Accumulation, and Utilization of Maternal Macromolecules during Oogenesis and Oocyte Maturation. 1985 , 141-188		15
1440	An unusual lysosome compartment involved in vitellogenin endocytosis by <i>Xenopus</i> oocytes. 1985 , 101, 1651-64		63
1439	Effect of diadenosine tetraphosphate microinjection on heat shock protein synthesis in <i>Xenopus laevis</i> oocytes.. <i>EMBO Journal</i> , 1985 , 4, 3743-3749	13	17
1438	Microtubules during germinal vesicle breakdown (GVBD) of <i>Xenopus</i> oocytes: effect of Ca ²⁺ ionophore A-23187 and taxol. 1985 , 25, 465-79		14
1437	ACETYLCHOLINESTERASE OF MUSCLE AND NERVE. 1985 , 595-618		6
1436	Role of calcium mobilization in mediation of acetylcholine-evoked chloride currents in <i>Xenopus laevis</i> oocytes. 1985 , 366, 299-313		107
1435	Meiotic maturation in <i>Xenopus</i> oocytes: a link between the cessation of protein secretion and the polarized disappearance of Golgi apparatus. 1985 , 101, 313-8		60
1434	Vitellogenesis and oocyte growth in nonmammalian vertebrates. 1985 , 1, 127-77		138
1433	Structure of the two distinct types of minichromosomes that are assembled on DNA injected in <i>Xenopus</i> oocytes. 1985 , 40, 923-32		80
1432	Ribosomal protein production in normal and anucleolate <i>Xenopus</i> embryos: regulation at the posttranscriptional and translational levels. 1985 , 42, 317-23		110
1431	Immunological relationship between oocyte nuclear proteins of <i>Xenopus laevis</i> and <i>X. borealis</i> . 1985 , 108, 210-9		16
1430	Occurrence of a species-specific nuclear antigen in the germ line of <i>Xenopus</i> and its expression from paternal genes in hybrid frogs. 1985 , 108, 220-34		21
1429	Cyclic AMP levels during the maturation of <i>Xenopus</i> oocytes. 1985 , 108, 254-8		72
1428	Quantitative changes in protein synthesis during oogenesis in <i>Xenopus laevis</i> . 1985 , 110, 230-7		52
1427	Regional distribution of maternal messenger RNA in the amphibian oocyte. 1985 , 112, 203-212		59

1426	Testosterone-induced meiotic maturation of <i>Xenopus laevis</i> oocytes: evidence for an early effect in the synergistic action of insulin. 1985 , 109, 9-14	20
1425	Gonadotropins and the timing of progesterone-induced meiotic maturation of <i>Xenopus laevis</i> oocytes. 1985 , 109, 32-40	12
1424	Changes in RNA titers and polyadenylation during oogenesis and oocyte maturation in <i>Xenopus laevis</i> . 1985 , 112, 451-7	90
1423	Maturation of <i>Xenopus</i> oocytes is not accompanied by electrode-detectable calcium changes. 1985 , 109, 504-8	41
1422	Coordinate expression of ribosomal protein genes during <i>Xenopus</i> development. 1985 , 111, 488-98	73
1421	Acetylcholine-induced currents at plasma membrane of the frog oocyte. 1985 , 54, 179-84	1
1420	Ribocharin: a nuclear Mr 40,000 protein specific to precursor particles of the large ribosomal subunit. 1985 , 41, 615-27	91
1419	Identification and cloning of localized maternal RNAs from <i>Xenopus</i> eggs. 1985 , 42, 769-77	443
1418	Changes in the nuclear lamina composition during early development of <i>Xenopus laevis</i> . 1985 , 41, 191-200	200
1417	beta-Adrenergic induced K ⁺ current in <i>Xenopus</i> oocytes: role of cAMP, inhibition by muscarinic agents. 1985 , 223, 389-402	24
1416	Local control mechanisms during oogenesis and folliculogenesis. 1985 , 1, 3-83	13
1415	Identification of microtubule-associated proteins (MAPs) in <i>Xenopus</i> oocyte. 1985 , 192, 135-40	19
1414	Pertussis toxin facilitates the progesterone-induced maturation of <i>Xenopus</i> oocyte. Possible role of protein phosphorylation. 1985 , 181, 397-402	27
1413	Polyadenylation of histone mRNA in <i>Xenopus</i> oocytes and embryos. 1985 , 180, 224-8	40
1412	Studies of a plasma membrane steroid receptor in <i>Xenopus</i> oocytes using the synthetic progestin RU 486. 1985 , 22, 419-26	49
1411	Extraction and preliminary characterization of maturation-promoting factor from starfish oocytes. 1986 , 163, 445-52	24
1410	Morphology of endoplasmic reticulum and Golgi elements following microinjection of rat liver microsomes into <i>Xenopus laevis</i> oocyte cytoplasm. 1986 , 166, 510-8	9
1409	Periodic changes in the rigidity of activated anuran eggs depend on germinal vesicle materials. 1986 , 118, 467-73	7

1408	Calmodulin synthesis and accumulation during oogenesis and maturation of <i>Xenopus laevis</i> oocytes. 1986 , 113, 174-81		10
1407	Major transitions in histone gene expression do not occur during development in <i>Xenopus laevis</i> . 1986 , 116, 532-8		14
1406	Progesterone and cAMP-dependent protein kinase regulate in vivo the level of phosphorylation of two proteins (Mr 20,000 and Mr 32,000) in <i>Xenopus</i> oocytes. 1986 , 113, 420-8		27
1405	The Ovary. 1986 , 351-397		2
1404	Fertilization in amphibians: the ancestry of the block to polyspermy. 1986 , 101, 59-100		82
1403	Messenger RNA from insect nervous tissue induces expression of neuronal acetylcholine receptors in <i>Xenopus</i> oocytes. 1986 , 387, 111-7		12
1402	Induction of taurine responsiveness in <i>Xenopus</i> oocytes by messenger RNA from mouse brain. 1986 , 69, 249-53		6
1401	Diadenosine 5',5'-P1,P4-tetraphosphate- (Ap4A-) mediated stimulation of DNA synthesis in extracts from <i>Xenopus laevis</i> oocytes. 1986 , 866, 222-232		7
1400	Time course of the induction of acetylcholine receptors in <i>Xenopus</i> oocytes injected with mRNA from <i>Electrophorus electricus</i> electroplax. 1986 , 389, 211-6		25
1399	Modulation of cytoskeletal organization during insect follicle cell morphogenesis. 1986 , 18, 741-52		11
1398	<i>Xenopus myc</i> proto-oncogene during development: expression as a stable maternal mRNA uncoupled from cell division.. <i>EMBO Journal</i> , 1986 , 5, 3563-3570	13	71
1397	C-myc expression is dissociated from DNA synthesis and cell division in <i>Xenopus</i> oocyte and early embryonic development.. <i>EMBO Journal</i> , 1986 , 5, 3571-3577	13	40
1396	Insulin action is blocked by a monoclonal antibody that inhibits the insulin receptor kinase. 1986 , 83, 328-32		141
1395	Expression of the c-myc proto-oncogene during development of <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1986 , 6, 4499-508	4.8	84
1394	Cyclic adenosine monophosphate, calcium, acetylcholine and the current induced by adenosine in the <i>Xenopus</i> oocyte. 1986 , 374, 551-69		33
1393	Development of pronuclei from human spermatozoa injected microsurgically into frog (<i>Xenopus</i>) eggs. 1986 , 237, 319-25		34
1392	Patterns of protein synthesis in oocytes and early embryos of <i>Rana esculenta</i> complex. 1986 , 195, 1-9		6
1391	Patch clamp measurements on <i>Xenopus laevis</i> oocytes: currents through endogenous channels and implanted acetylcholine receptor and sodium channels. 1986 , 407, 577-88		463

1390	ATP-evoked membrane responses in <i>Xenopus</i> oocytes. 1986 , 406, 158-62		31
1389	Oogenesis in the egg-brooding frog <i>Gastrotheca riobambae</i> produces large oocytes with fewer nucleoli and low RNA content in comparison to <i>Xenopus laevis</i> . 1986 , 32, 24-33		19
1388	Partial purification of the maturation-promoting factor MPF from unfertilized eggs of <i>Xenopus laevis</i> . 1986 , 161, 771-7		15
1387	Influence of cytochalasin B on oocyte maturation in <i>Xenopus laevis</i> . 1986 , 19, 89-96		34
1386	A possible role for Mg ²⁺ ions in the induction of meiotic maturation of <i>Xenopus</i> oocyte. 1986 , 19, 253-61		27
1385	Detection of inhibitors of protein and nucleic acid synthesis using oocytes of <i>Xenopus laevis</i> microinjected with the herpes thymidine kinase gene. 1986 , 60, 13-30		3
1384	Nicotinamide inhibition of <i>Xenopus laevis</i> oocyte maturation. 1986 , 14, 159-170		5
1383	Voltage dependence of the rheogenic Na ⁺ /K ⁺ ATPase in the membrane of oocytes of <i>Xenopus laevis</i> . 1986 , 91, 43-51		114
1382	Expression and modulation of voltage-gated calcium channels after RNA injection in <i>Xenopus</i> oocytes. 1986 , 231, 1147-50		159
1381	Synthetic oligonucleotide tails inhibit in vitro and in vivo translation of SP6 transcripts of maize zein cDNA clones. <i>Nucleic Acids Research</i> , 1986 , 14, 1511-24	20.1	40
1380	Determination of the intracellular state of soluble macromolecules by gel filtration in vivo in the cytoplasm of amphibian oocytes. 1986 , 102, 2006-14		10
1379	Import of rat ornithine transcarbamylase precursor into mitochondria: two-step processing of the leader peptide. 1987 , 105, 2631-9		74
1378	Equilibrium properties of mouse-Torpedo acetylcholine receptor hybrids expressed in <i>Xenopus</i> oocytes. 1987 , 90, 553-73		46
1377	Cloning of nucleoplasmin from <i>Xenopus laevis</i> oocytes and analysis of its developmental expression. <i>Genes and Development</i> , 1987 , 1, 97-107	12.6	92
1376	Differential accumulation of U1 and U4 small nuclear RNAs during <i>Xenopus</i> development. <i>Genes and Development</i> , 1987 , 1, 39-46	12.6	68
1375	Properties of single sodium channels translated by <i>Xenopus</i> oocytes after injection with messenger ribonucleic acid. 1987 , 386, 73-90		127
1374	Translation of messenger RNA in injected frog oocytes. 1987 , 152, 288-96		42
1373	Adenovirus E1A requires synthesis of a cellular protein to establish a stable transcription complex in injected <i>Xenopus laevis</i> oocytes. <i>Molecular and Cellular Biology</i> , 1987 , 7, 3049-56	4.8	15

1372	Coupling of inositol phospholipid hydrolysis to peptide hormone receptors expressed from adrenal and pituitary mRNA in <i>Xenopus laevis</i> oocytes. 1987 , 84, 9045-8		39
1371	Insulin induction of <i>Xenopus laevis</i> oocyte maturation is inhibited by monoclonal antibody against p21 ras proteins. <i>Molecular and Cellular Biology</i> , 1987 , 7, 1285-8	4.8	167
1370	Membrane currents elicited by porcine vasoactive intestinal peptide (VIP) in follicle-enclosed <i>Xenopus</i> oocytes. 1987 , 231, 489-97		11
1369	GABA receptors induced in <i>Xenopus</i> oocytes by chick brain mRNA: evaluation of TBPS as a use-dependent channel-blocker. 1987 , 388, 21-31		78
1368	Preparation of oocytes for microinjection of RNA and DNA. 1987 , 152, 284-8		14
1367	Alkaline phosphatase activity in the membrane of <i>Xenopus laevis</i> oocytes: effects of steroids, insulin, and inhibitors during meiosis reinitiation. 1987 , 119, 511-9		10
1366	Do <i>Xenopus</i> oocytes have a heat shock response?. 1987 , 119, 532-9		27
1365	Eukaryotic initiation factor 4A stimulates translation in microinjected <i>Xenopus</i> oocytes. 1987 , 121, 58-68		41
1364	Induction of maturation in small <i>Xenopus laevis</i> oocytes. 1987 , 121, 111-8		23
1363	Multivesicular bodies play a key role in vitellogenin endocytosis by <i>Xenopus</i> oocytes. 1987 , 119, 275-89		48
1362	Differentiation of the animal-vegetal axis in <i>Xenopus laevis</i> oocytes. I. Polarized intracellular translocation of platelets establishes the yolk gradient. 1987 , 122, 101-12		73
1361	Accumulation of free amino acids in growing <i>Xenopus laevis</i> oocytes. 1987 , 124, 287-90		35
1360	Ribosomal protein, histone and calmodulin mRNAs are differently regulated at the translational level during oogenesis of <i>Xenopus laevis</i> . 1987 , 169, 432-41		15
1359	46 kd mannose 6-phosphate receptor: cloning, expression, and homology to the 215 kd mannose 6-phosphate receptor. 1987 , 50, 181-92		145
1358	Glutamate receptors expressed in <i>Xenopus</i> oocyte by messenger RNA from invertebrate muscle. 1987 , 427, 83-7		11
1357	Transient activation of oocyte 5S RNA genes in <i>Xenopus</i> embryos by raising the level of the trans-acting factor TFIIIA. 1987 , 51, 445-53		77
1356	Inositol phosphate formation and chloride current responses induced by acetylcholine and serotonin through GTP-binding proteins in <i>Xenopus</i> oocyte after injection of rat brain messenger RNA. 1987 , 2, 113-123		83
1355	Specific proteolysis regulates fusion between endocytic compartments in <i>Xenopus</i> oocytes. 1987 , 51, 557-68		83

1354	Lipid metabolic pathways operating in amphibian full-grown oocytes. 1987 , 86, 167-71		2
1353	Pyruvate kinase isozymes in oocytes and embryos from the frog <i>Xenopus laevis</i> . 1987 , 88, 743-9		4
1352	Transcript levels and translational control of hsp70 synthesis in <i>Xenopus</i> oocytes. <i>Genes and Development</i> , 1987 , 1, 433-44	12.6	36
1351	Xfin: an embryonic gene encoding a multifingered protein in <i>Xenopus</i> .. <i>EMBO Journal</i> , 1987 , 6, 3065-3070		95
1350	A <i>Xenopus laevis</i> gene encodes both homeobox-containing and homeobox-less transcripts.. <i>EMBO Journal</i> , 1987 , 6, 4083-4094	13	44
1349	42S p48-the most abundant protein in previtellogenic <i>Xenopus</i> oocytes-resembles elongation factor 1 alpha structurally and functionally.. <i>EMBO Journal</i> , 1987 , 6, 2409-2413	13	34
1348	Potential dependence of the "electrically silent" anion exchange across the plasma membrane of <i>Xenopus</i> oocytes mediated by the band-3 protein of mouse red blood cells. 1987 , 99, 127-36		50
1347	The lampbrush chromosomes of <i>Xenopus laevis</i> : preparation, identification, and distribution of 5S DNA sequences. <i>Chromosoma</i> , 1987 , 95, 236-50	2.8	55
1346	Further characterization of the slow muscarinic responses in <i>Xenopus</i> oocytes. 1987 , 409, 512-20		16
1345	Dissociation of acetylcholine- and cyclic GMP-induced currents in <i>Xenopus</i> oocytes. 1987 , 409, 521-7		9
1344	Dependence of the electrogenic pump current of <i>Xenopus</i> oocytes on external potassium. 1987 , 408, 537-9		8
1343	Effect of ouabain on the meiotic maturation of stage IV-V <i>Xenopus laevis</i> oocytes. 1987 , 241, 61-9		4
1342	The use of <i>Xenopus</i> oocytes for the study of ion channels. 1987 , 22, 317-87		525
1341	Inhibition of progesterone-mediated maturation of oocytes of <i>Xenopus laevis</i> by oocyte maturation inhibitor from pig follicular fluid: development of a routine assay for the inhibitor with <i>Xenopus</i> oocytes. 1987 , 17, 267-78		3
1340	The Periodic Changes in Microvilli Density in Activated <i>Xenopus</i> Eggs That Correspond to the Cleavage Cycle. <i>Development Growth and Differentiation</i> , 1987 , 29, 433-442	3	5
1339	Maitotoxin triggers the cortical reaction and phosphatidylinositol-4,5-bisphosphate breakdown in amphibian oocytes. 1988 , 174, 655-62		12
1338	S6 phosphorylation is regulated at multiple levels in <i>Xenopus laevis</i> oocytes. 1988 , 247, 263-70		2
1337	A function that relates protein synthetic rates to potassium activity in vivo. 1988 , 135, 425-34		28

1336	Voltage dependence of Na/K pump current in <i>Xenopus</i> oocytes. 1988 , 106, 173-82	46
1335	Voltage dependence of the Na-K ATPase: measurements of ouabain-dependent membrane current and ouabain binding in oocytes of <i>Xenopus laevis</i> . 1988 , 412, 579-88	38
1334	Kinetics of histone gene expression during early development of <i>Xenopus laevis</i> . 1988 , 135, 139-67	11
1333	Function of <i>c-mos</i> proto-oncogene product in meiotic maturation in <i>Xenopus</i> oocytes. <i>Nature</i> , 1988 , 335, 519-25	50.4 588
1332	Analysis of proteins in the peripheral and central regions of amphibian oocytes and eggs. 1988 , 23, 155-64	19
1331	ATP-gamma-S (adenosine 5'-O-(3-thiotriphosphate)) microinjection increases progesterone-stimulated histone kinase activity in <i>Xenopus</i> oocytes. 1988 , 23, 201-6	2
1330	Amino acid transport in developing animal oocytes and early conceptuses. 1988 , 947, 173-208	79
1329	The distribution of nucleoplasmin in early development and organogenesis of <i>Xenopus laevis</i> . 1988 , 254, 295-300	10
1328	Presence of microtubules in isolated cortices of prophase I and metaphase II oocytes in <i>Xenopus laevis</i> . 1988 , 254, 415-20	16
1327	The dynamics of the steroidogenic response of perfused <i>Xenopus</i> ovarian explants to gonadotropins. 1988 , 71, 132-40	14
1326	Thymosin beta 4Xen: a new thymosin beta 4-like peptide in oocytes of <i>Xenopus laevis</i> . 1988 , 260, 546-51	55
1325	Characteristics of the Na ⁺ /K ⁺ -ATPase from <i>Torpedo californica</i> expressed in <i>Xenopus</i> oocytes: a combination of tracer flux measurements with electrophysiological measurements. 1988 , 945, 167-74	28
1324	Is a decrease in cyclic AMP a necessary and sufficient signal for maturation of amphibian oocytes?. 1988 , 127, 25-32	30
1323	Photocrosslinking of proteins to maternal mRNA in <i>Xenopus</i> oocytes. 1988 , 128, 349-58	26
1322	The endogenous muscarinic acetylcholine receptor in <i>Xenopus</i> oocytes is of the M3 subtype. 1988 , 151, 497-500	14
1321	The metabolism of ribosomal proteins microinjected into the oocytes of <i>Xenopus laevis</i> . 1988 , 174, 177-87	8
1320	Taurine modulates glycine response in <i>Xenopus</i> oocytes injected with messenger RNA from mouse brain. 1988 , 464, 243-6	7
1319	Blockade of ion channel expression in <i>Xenopus</i> oocytes with complementary DNA probes to Na ⁺ and K ⁺ channel mRNAs. 1988 , 1, 963-71	22

1318	Taurine and beta-alanine act on both GABA and glycine receptors in <i>Xenopus</i> oocyte injected with mouse brain messenger RNA. 1988 , 464, 97-105		78
1317	Activation of ionic currents in <i>Xenopus</i> oocytes by corticotropin-releasing peptides. 1988 , 464, 201-5		19
1316	Proto-oncogenes and embryonic development. 1988 , 70, 895-8		3
1315	The inducible lac operator-repressor system is functional for control of expression of injected DNA in <i>Xenopus</i> oocytes. 1988 , 62, 301-13		16
1314	Antisense oligodeoxyribonucleotide-directed cleavage of maternal mRNA in <i>Xenopus</i> oocytes and embryos. 1988 , 72, 267-75		50
1313	Evaluation of the relative amount of specific gaba-benzodiazepine receptor mrna after injection of total poly(A+)-rna into <i>xenopus</i> oocytes. 1988 , 13, 449-54		2
1312	The Molecular Biology of Cell Determination and Cell Differentiation. 1988 ,		1
1311	The effects of variations in the number and sequence of targeting signals on nuclear uptake. 1988 , 107, 1279-87		248
1310	Correct in vivo splicing of the mouse immunoglobulin kappa light-chain pre-mRNA is dependent on 5' splice-site position even in the absence of transcription. <i>Genes and Development</i> , 1988 , 2, 1448-59	12.6	25
1309	Translocation of RNA-coated gold particles through the nuclear pores of oocytes. 1988 , 106, 575-84		263
1308	A monoclonal antibody against the nuclear pore complex inhibits nucleocytoplasmic transport of protein and RNA in vivo. 1988 , 107, 1289-97		206
1307	Sequence and developmental expression of mRNA coding for a gap junction protein in <i>Xenopus</i> . 1988 , 107, 1065-73		93
1306	Stimulation of RNA and protein synthesis by intracellular insulin. 1988 , 240, 506-9		83
1305	Potassium salt microinjection into <i>Xenopus</i> oocytes mimics gonadotropin treatment. 1988 , 240, 1321-3		23
1304	Destruction of a translationally controlled mRNA in <i>Xenopus</i> oocytes delays progesterone-induced maturation. <i>Genes and Development</i> , 1988 , 2, 1296-306	12.6	44
1303	Expression of ribosomal protein genes during <i>Xenopus</i> development. 1988 , 5, 227-40		4
1302	Expression of a histone H1-like protein is restricted to early <i>Xenopus</i> development. <i>Genes and Development</i> , 1988 , 2, 1284-95	12.6	143
1301	Coexpression of N-methyl-D-aspartate and phencyclidine receptors in <i>Xenopus</i> oocytes injected with rat brain mRNA. 1988 , 85, 3250-4		69

1300	A study of stretch-activated channels in the membrane of frog oocytes: interactions with Ca ²⁺ ions. 1988 , 407, 311-28		50
1299	Enolase isoenzymes in adult and developing <i>Xenopus laevis</i> and characterization of a cloned enolase sequence. 1988 , 251, 31-9		42
1298	<i>Xenopus</i> homeobox-containing cDNAs expressed in early development. <i>Nucleic Acids Research</i> , 1988 , 16, 1453-69	20.1	35
1297	Antisense oligonucleotide-directed cleavage of mRNA in <i>Xenopus</i> oocytes and eggs.. <i>EMBO Journal</i> , 1988 , 7, 427-434	13	96
1296	cDNA cloning of the developmentally regulated lamin LIII of <i>Xenopus laevis</i> .. <i>EMBO Journal</i> , 1988 , 7, 3189-3197	13	76
1295	Identification of domains involved in nuclear uptake and histone binding of protein N1 of <i>Xenopus laevis</i> .. <i>EMBO Journal</i> , 1988 , 7, 1605-1614	13	98
1294	Whole-Mount Analyses of Cytoskeletal Reorganization and Function during Oogenesis and Early Embryogenesis in <i>Xenopus</i> . 1989 , 63-103		26
1293	The CARG promoter sequence is necessary for muscle-specific transcription of the cardiac actin gene in <i>Xenopus</i> embryos.. <i>EMBO Journal</i> , 1989 , 8, 1153-1161	13	96
1292	Differential expression of two <i>Xenopus</i> c-myc proto-oncogenes during development.. <i>EMBO Journal</i> , 1989 , 8, 4091-4097	13	40
1291	Interconversion of <i>Drosophila</i> nuclear lamin isoforms during oogenesis, early embryogenesis, and upon entry of cultured cells into mitosis. 1989 , 108, 255-65		75
1290	Dominant and specific repression of <i>Xenopus</i> oocyte 5S RNA genes and satellite I DNA by histone H1.. <i>EMBO Journal</i> , 1989 , 8, 527-537	13	122
1289	Developmental expression of the protein product of Vg1, a localized maternal mRNA in the frog <i>Xenopus laevis</i> .. <i>EMBO Journal</i> , 1989 , 8, 1057-1065	13	74
1288	A role for the beta-subunit in the expression of functional Na ⁺ -K ⁺ -ATPase in <i>Xenopus</i> oocytes. 1989 , 257, C851-8		200
1287	Protein transport from endoplasmic reticulum to the Golgi complex can occur during meiotic metaphase in <i>Xenopus</i> oocytes. 1989 , 109, 1439-44		21
1286	The conserved carboxy-terminal cysteine of nuclear lamins is essential for lamin association with the nuclear envelope. 1989 , 109, 2003-11		116
1285	Nucleolin from <i>Xenopus laevis</i> : cDNA cloning and expression during development. <i>Genes and Development</i> , 1989 , 3, 324-33	12.6	91
1284	xlgv7: a maternal gene product localized in nuclei of the central nervous system in <i>Xenopus laevis</i> . <i>Genes and Development</i> , 1989 , 3, 572-83	12.6	35
1283	Positive and negative regulation of the gene for transcription factor IIIA in <i>Xenopus laevis</i> oocytes. <i>Genes and Development</i> , 1989 , 3, 651-62	12.6	65

1282	Poly(A) elongation during <i>Xenopus</i> oocyte maturation is required for translational recruitment and is mediated by a short sequence element. <i>Genes and Development</i> , 1989 , 3, 803-15	12.6	353
1281	Oocyte and somatic tyrosine tRNA genes in <i>Xenopus laevis</i> . <i>Genes and Development</i> , 1989 , 3, 1190-8	12.6	52
1280	Presence of multiple species of polypeptides immunologically related to transcription factor TFIIIA in adult <i>Xenopus</i> tissues. <i>Nucleic Acids Research</i> , 1989 , 17, 5597-610	20.1	10
1279	An oocyte-expressed alpha-tubulin gene in <i>Xenopus laevis</i> ; sequences required for the initiation of transcription. <i>Nucleic Acids Research</i> , 1989 , 17, 5041-55	20.1	13
1278	A 3' exonuclease activity degrades the pseudogene 5S RNA transcript and processes the major oocyte 5S RNA transcript in <i>Xenopus</i> oocytes. <i>Genes and Development</i> , 1989 , 3, 1008-18	12.6	24
1277	Membrane currents elicited by prostaglandins, atrial natriuretic factor and oxytocin in follicle-enclosed <i>Xenopus</i> oocytes. 1989 , 416, 623-43		27
1276	Involvement of protein kinase A and casein kinase II in the in vivo protein kinase activities in prophase arrested <i>Xenopus</i> oocytes. 1989 , 9, 351-8		6
1275	Exogenous vitellogenesis and micropinocytosis in the lizard, <i>Podarcis sicula</i> , treated with follicle-stimulating hormone. 1989 , 75, 165-76		29
1274	Expression of functional sodium channels in stage II-III <i>Xenopus</i> oocytes. 1989 , 26, 211-5		14
1273	Endogenous D-glucose transport in oocytes of <i>Xenopus laevis</i> . 1989 , 111, 93-102		41
1272	Cell surface proteins of whole <i>Xenopus</i> embryos identified by radioiodination. 1989 , 198, 141-147		4
1271	Expression of circular and linearized bacterial chloramphenicol acetyltransferase genes with or without viral promoters after injection into fertilized eggs, unfertilized eggs and oocytes of <i>Xenopus laevis</i> . 1989 , 198, 148		15
1270	Yolk organelles and their membranes during vitellogenesis of <i>Xenopus</i> oocytes. 1989 , 198, 92-102		1
1269	Developmental expression of Cu,Zn superoxide dismutase in <i>Xenopus</i> . Constant level of the enzyme in oogenesis and embryogenesis. 1989 , 186, 421-6		26
1268	Synthesis and activity of <i>Xenopus laevis</i> oocyte tyrosinase. 1989 , 249, 203-12		2
1267	Chloride current modulation during meiosis in <i>Xenopus</i> oocytes. 1989 , 250, 100-8		4
1266	¹ H spectroscopic imaging at high spatial resolution. 1989 , 2, 234-9		10
1265	Spectroscopic imaging and gradient-echo microscopy on a single cell. 1989 , 83, 620-625		2

1264	Expression of Ba currents in <i>Xenopus</i> oocyte injected with pregnant rat myometrium mRNA. 1989 , 413, 682-4		11
1263	Tissue-specific processing and polarized compartmentalization of clone-produced cholinesterase in microinjected <i>Xenopus</i> oocytes. 1989 , 9, 323-41		10
1262	Properties of the kainate channel in rat brain mRNA injected <i>Xenopus</i> oocytes: ionic selectivity and blockage. 1988 , 80, 121-32		14
1261	Inward rectifier produced by <i>Xenopus</i> oocytes injected with mRNA extracted from carp olfactory epithelium. 1989 , 3, 234-8		20
1260	Specific proteolysis of the c-mos proto-oncogene product by calpain on fertilization of <i>Xenopus</i> eggs. <i>Nature</i> , 1989 , 342, 505-11	50.4	276
1259	The c-mos proto-oncogene product is a cytostatic factor responsible for meiotic arrest in vertebrate eggs. <i>Nature</i> , 1989 , 342, 512-8	50.4	612
1258	The Synthesis and Localization of Envelope Glycoproteins in Oocytes of <i>Xenopus laevis</i> using Immunocytochemical Methods. <i>Development Growth and Differentiation</i> , 1989 , 31, 85-94	3	38
1257	Regional distribution of metabotropic glutamate response in the rat brain using <i>Xenopus</i> oocytes. 1989 , 105, 340-3		8
1256	Expression of mRNA encoding voltage-dependent Ca channels in <i>Xenopus</i> oocytes. Review and progress report. 1989 , 560, 174-82		9
1255	MPF-induced breakdown of cytokeratin filament organization in the maturing <i>Xenopus</i> oocyte depends upon the translation of maternal mRNAs. 1989 , 134, 479-85		35
1254	Metabolic regulation during early frog development: glycogenic flux in <i>Xenopus</i> oocytes, eggs, and embryos. 1989 , 132, 512-23		39
1253	Quantitation of type II topoisomerase in oocytes and eggs of <i>Xenopus laevis</i> . 1989 , 136, 459-68		33
1252	Quantitation and subcellular localization of proliferating cell nuclear antigen (PCNA/cyclin) in oocytes and eggs of <i>Xenopus laevis</i> . 1989 , 182, 384-93		27
1251	The coelomic envelope of <i>Xenopus laevis</i> eggs: a quick-freeze, deep-etch analysis. 1989 , 131, 126-35		24
1250	Polyamine levels during <i>Xenopus laevis</i> oogenesis: a role in oocyte competence to meiotic resumption. 1989 , 158, 520-6		18
1249	Growth and Fatbody Cycles in Feral Populations of the African Clawed Frog, <i>Xenopus laevis</i> (Pipidae), in California with Comments on Reproduction. 1989 , 34, 499		18
1248	<i>Xenopus</i> homolog of the mos protooncogene transforms mammalian fibroblasts and induces maturation of <i>Xenopus</i> oocytes. 1989 , 86, 5805-9		96
1247	N-methyl-D-aspartate activates different channels than do kainate and quisqualate. 1989 , 86, 2083-7		27

1246	Translocation of a store of maternal cytoplasmic c-myc protein into nuclei during early development. <i>Molecular and Cellular Biology</i> , 1989 , 9, 5395-403	4.8	65
1245	Two calcium-activated chloride conductances in <i>Xenopus laevis</i> oocytes permeabilized with the ionophore A23187. 1989 , 408, 511-34		107
1244	Membrane currents elicited by divalent cations in <i>Xenopus</i> oocytes. 1989 , 417, 173-95		48
1243	Determination of ionic permeability coefficients of the plasma membrane of <i>Xenopus laevis</i> oocytes under voltage clamp. 1989 , 413, 199-211		49
1242	Effects of defolliculation on membrane current responses of <i>Xenopus</i> oocytes. 1989 , 416, 601-21		133
1241	Functional expression of mammalian glucose transporters in <i>Xenopus laevis</i> oocytes: evidence for cell-dependent insulin sensitivity. <i>Molecular and Cellular Biology</i> , 1989 , 9, 4187-95	4.8	56
1240	Degradation of linear DNA by a strand-specific exonuclease activity in <i>Xenopus laevis</i> oocytes. <i>Molecular and Cellular Biology</i> , 1989 , 9, 4862-71	4.8	64
1239	Functional expression of the amiloride-sensitive sodium channel in <i>Xenopus</i> oocytes. 1989 , 86, 7295-8		24
1238	Gonadotropin stimulates oocyte translation by increasing magnesium activity through intracellular potassium-magnesium exchange. 1989 , 86, 9652-6		11
1237	mRNA from NCB-20 cells encodes the N-methyl-D-aspartate/phencyclidine receptor: a <i>Xenopus</i> oocyte expression study. 1989 , 86, 1708-11		20
1236	Developmental expression and 5S rRNA-binding activity of <i>Xenopus laevis</i> ribosomal protein L5. <i>Molecular and Cellular Biology</i> , 1989 , 9, 5281-8	4.8	65
1235	Measurement of erythroid band 3 protein-mediated anion transport in mRNA-injected oocytes of <i>Xenopus laevis</i> . 1989 , 173, 453-66		29
1234	Evidence for intracellular sodium pumps in permeabilized <i>Xenopus laevis</i> oocytes. 1989 , 260, 395-9		22
1233	Identification of the ATP + Mg-dependent and polycation-stimulated protein phosphatases in the germinal vesicle of the <i>Xenopus</i> oocyte. 1989 , 260, 45-51		28
1232	Postnatal development of voltage-dependent calcium channels in the mouse brain disclosed by the <i>Xenopus</i> oocyte assay. 1990 , 12, 81-8		4
1231	Ferromagnetic isolation of endosomes: a novel method for subcellular fractionation of <i>Xenopus</i> oocytes. 1990 , 70, 61-72		3
1230	Glycine decreases desensitization of N-methyl-D-aspartate (NMDA) receptors expressed in <i>Xenopus</i> oocytes and is required for NMDA responses. 1990 , 87, 2354-8		91
1229	Reconstitution of an insulin signaling pathway in <i>Xenopus laevis</i> oocytes: coexpression of a mammalian insulin receptor and three different mammalian hexose transporters. <i>Molecular and Cellular Biology</i> , 1990 , 10, 743-51	4.8	31

1228	Role of phosphatidylinositide metabolism in ras-induced <i>Xenopus</i> oocyte maturation. <i>Molecular and Cellular Biology</i> , 1990 , 10, 923-9	4.8	36
1227	Polyamines potentiate responses of N-methyl-D-aspartate receptors expressed in <i>xenopus</i> oocytes. 1990 , 87, 9971-4		100
1226	Maturation-specific polyadenylation and translational control: diversity of cytoplasmic polyadenylation elements, influence of poly(A) tail size, and formation of stable polyadenylation complexes. <i>Molecular and Cellular Biology</i> , 1990 , 10, 5634-45	4.8	145
1225	Metabolism of the biologically active inositol phosphates Ins(1,4,5)P3 and Ins(1,3,4,5)P4 by ovarian follicles of <i>Xenopus laevis</i> . 1990 , 268, 141-5		18
1224	Micromolar free calcium exposes ouabain-binding sites in digitonin-permeabilized <i>Xenopus laevis</i> oocytes. 1990 , 269, 757-66		7
1223	Coinjection of <i>Xenopus</i> oocytes with cDNA-produced and native mRNAs: a molecular biological approach to the tissue-specific processing of human cholinesterases. 1990 , 32, 107-39		6
1222	Localization and Characterization of Lectins in Yolk Platelets of <i>Xenopus</i> Oocytes. <i>Development Growth and Differentiation</i> , 1990 , 32, 343-352	3	5
1221	Two different mRNAs coding for identical elongation factor 1 alpha (EF-1 alpha) polypeptides in <i>Xenopus laevis</i> embryos. 1990 , 44, 103-10		21
1220	The effect of cytochalasin D on protein synthesis in <i>Xenopus laevis</i> oocytes. 1990 , 26, 248-52		9
1219	Nucleoside diphosphate kinase from <i>Xenopus</i> oocytes; partial purification and characterization. 1990 , 1041, 296-304		15
1218	Synthesis of a 180 kDa protein is a molecular marker of <i>Xenopus</i> oocyte meiotic maturation. 1990 , 31, 97-104		1
1217	Patterns of protein synthesis during <i>Xenopus</i> oocyte maturation differ according to the type of stimulation. 1990 , 31, 197-206		2
1216	A versatile microtiter assay for the universal cdc2 cell cycle regulator. 1990 , 187, 94-7		11
1215	Use of <i>Xenopus</i> oocytes for the functional expression of plasma membrane proteins. 1990 , 117, 201-21		135
1214	Activation of protein kinase C by phorbol ester induces downregulation of the Na ⁺ /K ⁺ -ATPase in oocytes of <i>Xenopus laevis</i> . 1990 , 118, 131-42		103
1213	EMA, an epithelial membrane-associated antigen during early development and morphogenesis of <i>Xenopus laevis</i> . 1990 , 199, 164-168		3
1212	Expression of catfish amino acid taste receptors in <i>Xenopus</i> oocytes. 1990 , 15, 449-56		11
1211	The development of a radioimmunoassay for carp, <i>Cyprinus carpio</i> , vitellogenin. 1990 , 8, 129-40		61

1210	Inactivation of calcium-activated chloride conductance in <i>Xenopus</i> oocytes: roles of calcium and protein kinase C. 1990 , 416, 1-6	38
1209	Osmotic and motional properties of intracellular water as influenced by osmotic swelling and shrinkage of <i>Xenopus</i> oocytes. 1990 , 142, 592-602	16
1208	Ultrastructural aspects of oogenesis and oocyte growth in fish and amphibians. 1990 , 16, 175-201	185
1207	Transformation of the amphibian oocyte into the egg: structural and biochemical events. 1990 , 16, 202-34	55
1206	sn-1,2-diacylglycerol levels increase in progesterone-stimulated <i>Xenopus laevis</i> oocytes. 1990 , 255, 63-71	11
1205	Inhibition of serotonin-induced oocyte maturation by a <i>Spisula</i> factor. 1990 , 255, 239-243	7
1204	Removal of artifactual bands associated with the presence of 2-mercaptoethanol in two-dimensional polyacrylamide gel electrophoresis. 1990 , 190, 57-9	24
1203	Translational regulation of the expression of ribosomal protein genes in <i>Xenopus laevis</i> . 1990 , 44, 93-105	30
1202	<i>Xenopus</i> oocyte K ⁺ current. III. Phorbol esters and pH regulate current at gap junctions. 1990 , 259, C792-800	48
1201	In vivo disruption of <i>Xenopus</i> U3 snRNA affects ribosomal RNA processing.. <i>EMBO Journal</i> , 1990 , 9, 2299-2308	132
1200	The use of in situ hybridisation to study the localisation of maternal mRNAs during <i>Xenopus</i> oogenesis. 1990 , 115-130	6
1199	Gene structure of nuclear lamin LIII of <i>Xenopus laevis</i> ; a model for the evolution of IF proteins from a lamin-like ancestor.. <i>EMBO Journal</i> , 1990 , 9, 4073-4081	13 89
1198	Downregulation of surface sodium pumps by endocytosis during meiotic maturation of <i>Xenopus laevis</i> oocytes. 1990 , 258, C179-84	68
1197	Targeted degradation of mRNA in <i>Xenopus</i> oocytes and embryos directed by modified oligonucleotides: studies of An2 and cyclin in embryogenesis. <i>Nucleic Acids Research</i> , 1990 , 18, 4751-7	20.1 97
1196	Identification of two HSP70-related <i>Xenopus</i> oocyte proteins that are capable of recycling across the nuclear envelope. 1990 , 111, 1775-83	102
1195	Cycling of intracellular pH during cell division of <i>Xenopus</i> embryos is a cytoplasmic activity depending on protein synthesis and phosphorylation. 1990 , 111, 523-32	19
1194	Epithelial K channel expressed in <i>Xenopus</i> oocytes is inactivated by protein kinase C. 1990 , 87, 4553-6	13
1193	Funnel-web spider venom and a toxin fraction block calcium current expressed from rat brain mRNA in <i>Xenopus</i> oocytes. 1990 , 87, 4538-42	50

1192	Differential regulation of the levels of three gap junction mRNAs in <i>Xenopus</i> embryos. 1990 , 110, 597-605	128
1191	Effects of oligo sequence and chemistry on the efficiency of oligodeoxyribonucleotide-mediated mRNA cleavage. <i>Nucleic Acids Research</i> , 1990 , 18, 3537-43	20.1 25
1190	Requirement of ets-2 expression for <i>Xenopus</i> oocyte maturation. 1990 , 250, 1416-8	39
1189	Nonaqueous isolation of transcriptionally active nuclei from <i>Xenopus</i> oocytes. 1990 , 181, 36-43	48
1188	Three genes under different developmental control encode elongation factor 1-alpha in <i>Xenopus laevis</i> . <i>Nucleic Acids Research</i> , 1990 , 18, 3489-93	20.1 89
1187	Structure of <i>Xenopus laevis</i> ribosomal protein L32 and its expression during development. <i>Nucleic Acids Research</i> , 1990 , 18, 4423-6	20.1 16
1186	5. References.	
1185	H-ras(val12) induces cytoplasmic but not nuclear events of the cell cycle in small <i>Xenopus</i> oocytes. 1990 , 1, 543-54	10
1184	Amino acid receptors from insect muscle: electrophysiological characterization in <i>Xenopus</i> oocytes following expression by injection of mRNA. 1990 , 8, 331-41	18
1183	A slowly inactivating potassium current in native oocytes of <i>Xenopus laevis</i> . 1990 , 238, 369-81	23
1182	Microinjection of alpha-toxin from <i>Clostridium novyi</i> type A promotes meiotic maturation in <i>Xenopus laevis</i> oocytes. 1990 , 28, 1368-71	4
1181	A finger protein structurally similar to TFIIA that binds exclusively to 5S RNA in <i>Xenopus</i> . 1990 , 61, 293-300	109
1180	Influence of the gamma subunit and expression system on acetylcholine receptor gating. 1990 , 5, 857-66	24
1179	The starfish egg mRNA responsible for meiosis reinitiation encodes cyclin. 1990 , 140, 241-52	28
1178	Characterization and developmental expression of <i>Xenopus</i> proliferating cell nuclear antigen (PCNA). 1990 , 141, 183-92	41
1177	Talin and vinculin in the oocytes, eggs, and early embryos of <i>Xenopus laevis</i> : a developmentally regulated change in distribution. 1990 , 137, 403-13	20
1176	Characterization and expression of a <i>Xenopus</i> ras during oogenesis and development. 1990 , 139, 24-34	24
1175	In vivo progesterone regulation of protein phosphatase activity in <i>Xenopus</i> oocytes. 1990 , 139, 427-31	4

1174	Elongation factor 1 alpha (EF-1 alpha) is concentrated in the Balbiani body and accumulates coordinately with the ribosomes during oogenesis of <i>Xenopus laevis</i> . 1990 , 141, 270-8	24
1173	Interaction between injected Ca ²⁺ and intracellular Ca ²⁺ stores in <i>Xenopus</i> oocytes. 1990 , 267, 22-4	5
1172	Expression of mammalian renal transporters in <i>Xenopus laevis</i> oocytes. 1990 , 283, 130-4	30
1171	Characterization of a Na(+)-K(+)-2Cl ⁻ cotransport system in oocytes from <i>Xenopus laevis</i> . 1990 , 1023, 184-90	15
1170	Expression of biologically active human platelet-derived growth factor (PDGF) B-receptor in <i>Xenopus laevis</i> oocytes. 1990 , 166, 154-9	
1169	Occurrence of H1 subtypes specific to pronuclei and cleavage-stage cell nuclei of anuran amphibians. 1991 , 147, 110-20	59
1168	Activation of the 5-HT _{1C} receptor expressed in <i>Xenopus</i> oocytes by the benzazepines SCH 23390 and SKF 38393. 1991 , 104, 1038-44	63
1167	The maternal gene product D7 is not required for early <i>Xenopus</i> development. 1991 , 35, 213-25	4
1166	Characterization of maintained voltage-dependent K(+)-channels induced in <i>Xenopus</i> oocytes by rat brain mRNA. 1991 , 10, 1-11	9
1165	Hydrophobic substitution mutations in the S4 sequence alter voltage-dependent gating in Shaker K ⁺ channels. 1991 , 7, 327-36	135
1164	A <i>Xenopus</i> multifinger protein, Xfin, is expressed in specialized cell types and is localized in the cytoplasm. 1991 , 36, 31-40	7
1163	Intracellular localization of MAP2-related protein (O-map) in prophase I and metaphase II oocytes of <i>Xenopus</i> . 1991 , 33, 139-46	3
1162	Vitellogenin uptake and in vitro culture of oocytes. 1991 , 36, 117-32	9
1161	Use of oligonucleotides for antisense experiments in <i>Xenopus laevis</i> oocytes. 1991 , 36, 185-210	14
1160	Biochemical fractionation of oocytes. 1991 , 36, 133-48	62
1159	Expression of XBcad, a novel cadherin, during oogenesis and early development of <i>Xenopus</i> . 1991 , 35, 33-42	45
1158	Oogenesis and oocyte isolation. 1991 , 36, 45-60	101
1157	Conditions for a backward-running Na ⁺ /K ⁺ pump in <i>Xenopus</i> oocytes. 1991 , 1068, 73-6	11

1156	Endogenous L-glutamate transport in oocytes of <i>Xenopus laevis</i> . 1991 , 1066, 14-20	16	
1155	Protein phosphatase 2A from <i>Xenopus</i> oocytes. Characterization during meiotic cell division. 1991 , 295, 185-8	12	
1154	Interaction of <i>Xenopus</i> lamins A and LII with chromatin in vitro mediated by a sequence element in the carboxyterminal domain. 1991 , 197, 280-9	126	
1153	Organization, nucleation, and acetylation of microtubules in <i>Xenopus laevis</i> oocytes: a study by confocal immunofluorescence microscopy. 1991 , 143, 346-62	172	
1152	Regulation of the <i>Xenopus laevis</i> transcription factor IIIA gene during oogenesis and early embryogenesis: negative elements repress the O-TFIIIA promoter in embryonic cells. 1991 , 145, 241-54	13	
1151	Extracellular Mg ²⁺ induces a loss of microvilli, membrane retrieval, and the subsequent cortical reaction, in the oocyte of the prawn <i>Palaemon serratus</i> . 1991 , 148, 31-50	16	
1150	Characterization of the ooplasmic factor inducing decondensation of and protamine removal from toad sperm nuclei: involvement of nucleoplasmin. 1991 , 148, 295-305	75	
1149	RNA-protein interactions of stored 5S RNA with TFIIIA and ribosomal protein L5 during <i>Xenopus</i> oogenesis. 1991 , 144, 129-44	53	
1148	Membrane currents elicited by the epileptogenic drug pentylenetetrazole in the native oocyte of <i>Xenopus laevis</i> . 1991 , 553, 27-32	16	
1147	Purification and characterization of a germ cell-specific form of elongation factor 1 alpha (EF-1 alpha) from <i>Xenopus laevis</i> . 1991 , 73, 1249-53	7	
1146	An endogenous carrier-mediated uptake system for folate in oocytes of <i>Xenopus laevis</i> . 1991 , 246, 161-5	9	
1145	Angiotensin II receptors in <i>Xenopus</i> oocytes. 1991 , 244, 11-9	14	
1144	Autoradiography of progesterone and model compound entry and distribution in <i>Xenopus laevis</i> oocytes. 1991 , 22, 1-59	8	
1143	Activation of protein kinase C alters voltage dependence of a Na ⁺ channel. 1991 , 6, 165-75	103	
1142	Direct measurement of intracellular pressure. 1991 , 260, C652-7	34	
1141	Electrophysiology of Neuronal Nicotinic Acetylcholine Receptors Expressed in <i>Xenopus</i> Oocytes following Nuclear Injection of Genes or cDNAs. 1991 , 174-193	60	
1140	Structure, expression and in vitro functional characterization of a novel RNA binding zinc finger protein from <i>Xenopus</i> .. <i>EMBO Journal</i> , 1991 , 10, 3087-3093	13	25
1139	The maternal store of zinc finger protein encoding mRNAs in fully grown <i>Xenopus</i> oocytes is not required for early embryogenesis.. <i>EMBO Journal</i> , 1991 , 10, 1407-1413	13	13

1138	DNA-dependent phosphorylation of histone H2A.X during nucleosome assembly in <i>Xenopus laevis</i> oocytes: involvement of protein phosphorylation in nucleosome spacing.. <i>EMBO Journal</i> , 1991 , 10, 3043-3050	4.8	29
1137	Characterization of recombination intermediates from DNA injected into <i>Xenopus laevis</i> oocytes: evidence for a nonconservative mechanism of homologous recombination. <i>Molecular and Cellular Biology</i> , 1991 , 11, 3278-87	4.8	103
1136	Chapter 23 In Situ Hybridization. 1991 , 36, 443-463		19
1135	Two nonallelic insulin genes in <i>Xenopus laevis</i> are expressed differentially during neurulation in prepancreatic embryos. 1991 , 88, 7679-83		44
1134	Homologous recombination catalyzed by a nuclear extract from <i>Xenopus</i> oocytes. 1991 , 88, 10840-4		22
1133	tpr-met oncogene product induces maturation-producing factor activation in <i>Xenopus</i> oocytes. <i>Molecular and Cellular Biology</i> , 1991 , 11, 5985-91	4.8	18
1132	Ultrastructural similarity in landmark loops of amphibian lampbrush chromosomes. 1991 , 71, 105-114		2
1131	Cloning by differential screening of a <i>Xenopus</i> cDNA coding for a protein highly homologous to cdc2. 1991 , 88, 1039-43		204
1130	mos gene transforming efficiencies correlate with oocyte maturation and cytostatic factor activities. <i>Molecular and Cellular Biology</i> , 1991 , 11, 604-10	4.8	30
1129	The <i>Xenopus</i> B1 factor is closely related to the mammalian activator USF and is implicated in the developmental regulation of TFIIIA gene expression. <i>Molecular and Cellular Biology</i> , 1991 , 11, 412-24	4.8	58
1128	A possible role for a mammalian facilitative hexose transporter in the development of resistance to drugs. <i>Molecular and Cellular Biology</i> , 1991 , 11, 3407-18	4.8	17
1127	A potassium current evoked by growth hormone-releasing hormone in follicular oocytes of <i>Xenopus laevis</i> . 1991 , 443, 651-67		12
1126	Inositol tetrakisphosphate liberates stored Ca ²⁺ in <i>Xenopus</i> oocytes and facilitates responses to inositol trisphosphate. 1991 , 433, 207-27		36
1125	Ability of the c-mos product to associate with and phosphorylate tubulin. 1991 , 251, 671-5		135
1124	Up-regulation of sodium pump activity in <i>Xenopus laevis</i> oocytes by expression of heterologous beta 1 subunits of the sodium pump. 1991 , 279 (Pt 2), 329-36		68
1123	Expression of ras-like proteins in embryonic and adult cells of <i>Xenopus laevis</i> . 1991 , 28, 325-36		2
1122	x121: a localized maternal transcript in <i>Xenopus laevis</i> . 1991 , 28, 341-5		11
1121	Structure and expression of the nerve growth factor gene in <i>Xenopus</i> oocytes and embryos. 1991 , 29, 313-22		16

1120	Cytochemical evidence of an organized microtubular cytoskeleton in <i>Xenopus laevis</i> oocytes: involvement in the segregation of mitochondrial populations. 1991 , 30, 353-9	6
1119	Endogenous angiotensin II receptors in <i>Xenopus</i> oocytes and eggs. 1991 , 208, 31-9	14
1118	Desensitization of endogenous angiotensin II receptors in <i>Xenopus</i> oocytes: a role of protein kinase C. 1991 , 208, 41-7	20
1117	Oscillatory muscarinic acetylcholine responses of <i>Xenopus</i> oocytes are desensitized by protein kinase C and sensitized by protein phosphatase 2B. 1991 , 208, 297-305	12
1116	The four dimensions of calcium signalling in <i>Xenopus</i> oocytes. 1991 , 12, 217-27	24
1115	The <i>Xenopus</i> localized messenger RNA An3 may encode an ATP-dependent RNA helicase. <i>Nature</i> , 1991 , 349, 717-9	50.4 75
1114	Endogenous and expressed angiotensin II receptors on <i>Xenopus</i> oocytes. 1991 , 56, 1307-11	11
1113	Characterization of muscle and non muscle <i>Xenopus laevis</i> tropomyosin mRNAs transcribed from the same gene. Developmental and tissue-specific expression. 1991 , 202, 431-40	30
1112	Expression and post-transcriptional regulation of ornithine decarboxylase during early <i>Xenopus</i> development. 1991 , 202, 575-81	40
1111	Expression of murine dihydrofolate reductase complementary DNA in oocytes of <i>xenopus laevis</i> . 1991 , 23, 491-497	37
1110	Structure and function of the extracellular matrix of anuran eggs. 1991 , 17, 319-35	109
1109	Steroid production by amphibian (<i>Rana nigromaculata</i>) ovarian follicles at different developmental stages. 1991 , 260, 66-73	18
1108	The effects of orchidectomy and gonadotropins on steroidogenesis and oogenesis in Bidder's organs of the toad <i>Bufo woodhousii</i> . 1991 , 260, 323-36	26
1107	Recording of voltage and Ca(2+)-dependent currents in <i>Xenopus</i> oocytes using an intracellular perfusion method. 1991 , 39, 29-38	8
1106	A negative slope in the current-voltage relationship of the Na ⁺ /K ⁺ pump in <i>Xenopus</i> oocytes produced by reduction of external [K ⁺]. 1991 , 121, 177-87	134
1105	Dynamic distribution of region-specific maternal protein during oogenesis and early embryogenesis of <i>Xenopus laevis</i> . 1991 , 200, 213-222	9
1104	Faithful in vivo transcription termination of <i>Xenopus laevis</i> rDNA. Correlation of electron microscopic spread preparations with S1 transcript analysis. <i>Chromosoma</i> , 1991 , 101, 222-30	2.8 12
1103	Beta subunits determine the time course of desensitization in rat alpha 3 neuronal nicotinic acetylcholine receptors. 1991 , 419, 579-82	47

1102	Two zinc finger proteins from <i>Xenopus laevis</i> bind the same region of 5S RNA but with different nuclease protection patterns. <i>Nucleic Acids Research</i> , 1991 , 19, 1797-803	20.1	16
1101	<i>Xenopus laevis</i> c-myc I and II genes: molecular structure and developmental expression. <i>Nucleic Acids Research</i> , 1991 , 19, 3081-8	20.1	26
1100	On the synthesis and destruction of A- and B-type cyclins during oogenesis and meiotic maturation in <i>Xenopus laevis</i> . 1991 , 114, 755-65		245
1099	Connective tissue growth factor: a cysteine-rich mitogen secreted by human vascular endothelial cells is related to the SRC-induced immediate early gene product CEF-10. 1991 , 114, 1285-94		758
1098	Cytokeratin phosphorylation, cytoke­ratin filament severing and the solubilization of the maternal mRNA Vg1. 1991 , 114, 787-97		88
1097	Germ cell-specific expression of a gene encoding eukaryotic translation elongation factor 1 alpha (eEF-1 alpha) and generation of eEF-1 alpha retropseudogenes in <i>Xenopus laevis</i> . 1991 , 88, 9277-81		27
1096	Different forms of soluble cytoplasmic mRNA binding proteins and particles in <i>Xenopus laevis</i> oocytes and embryos. 1991 , 112, 1-11		105
1095	A characterization of cytostatic factor activity from <i>Xenopus</i> eggs and c-mos-transformed cells. 1991 , 114, 329-35		81
1094	A retinoic acid receptor expressed in the early development of <i>Xenopus laevis</i> . <i>Genes and Development</i> , 1991 , 5, 94-104	12.6	88
1093	Expression of a mRNA related to c-rel and dorsal in early <i>Xenopus laevis</i> embryos. 1991 , 88, 2697-701		43
1092	Halide transport in <i>Xenopus</i> oocytes. 1991 , 443, 587-99		12
1091	Translational potentiation of messenger RNA with secondary structure in <i>Xenopus</i> . 1991 , 251, 807-10		57
1090	The ras oncoprotein and M-phase activity. 1991 , 253, 74-6		67
1089	Expression of an Outward-Rectifying Potassium Channel from Maize mRNA and Complementary RNA in <i>Xenopus</i> Oocytes. 1992 , 4, 961		
1088	Vegetal messenger RNA localization directed by a 340-nt RNA sequence element in <i>Xenopus</i> oocytes. 1992 , 255, 991-4		250
1087	Effect of benzodiazepine ligands on Ca ²⁺ channel currents in <i>Xenopus</i> oocytes injected with rat heart RNA. 1992 , 3, 81-97		7
1086	Reducing inositol lipid hydrolysis, Ins(1,4,5)P ₃ receptor availability, or Ca ²⁺ gradients lengthens the duration of the cell cycle in <i>Xenopus laevis</i> blastomeres. 1992 , 116, 147-56		70
1085	Oncogenic ras triggers the activation of 42-kDa mitogen-activated protein kinase in extracts of quiescent <i>Xenopus</i> oocytes. 1992 , 89, 9831-5		134

1084	Analysis of a developmentally regulated nuclear localization signal in <i>Xenopus</i> . 1992 , 118, 991-1002		36
1083	Evidence that Mos protein may not act directly on cyclin. 1992 , 89, 4573-7		10
1082	Immunolocalization and expression of functional and nonfunctional cell-to-cell channels from wild-type and mutant rat heart connexin43 cDNA. 1992 , 70, 1233-43		64
1081	Multiple antigens recognized by anti-c-myc antibodies in human cells and <i>Xenopus</i> oocytes. 1992 , 70, 998-1005		2
1080	Intracellular distribution of the U1A protein depends on active transport and nuclear binding to U1 snRNA. 1992 , 118, 11-21		124
1079	Host cell factors controlling vimentin organization in the <i>Xenopus</i> oocyte. 1992 , 119, 855-66		31
1078	Kinetics of the functional loss of different muscarinic receptor isoforms in <i>Xenopus</i> oocytes. 1992 , 285 (Pt 3), 753-8		11
1077	Identification of the sequences responsible for the splicing phenotype of the regulatory intron of the L1 ribosomal protein gene of <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1992 , 12, 1117-25	4.8	33
1076	Activation of a system for the joining of nonhomologous DNA ends during <i>Xenopus</i> egg maturation. <i>Molecular and Cellular Biology</i> , 1992 , 12, 811-6	4.8	34
1075	Sequence analysis of cytoplasmic mRNA-binding proteins of <i>Xenopus</i> oocytes identifies a family of RNA-binding proteins. 1992 , 89, 11-5		251
1074	Mechanism of release of Ca ²⁺ from intracellular stores in response to ionomycin in oocytes of the frog <i>Xenopus laevis</i> . 1992 , 458, 307-18		45
1073	Requirement of mosXe protein kinase for meiotic maturation of <i>Xenopus</i> oocytes induced by a cdc2 mutant lacking regulatory phosphorylation sites. <i>Molecular and Cellular Biology</i> , 1992 , 12, 3192-203 ^{4.8}		37
1072	Biochemical and cytological changes associated with expression of deregulated pp60src in <i>Xenopus</i> oocytes. <i>Molecular and Cellular Biology</i> , 1992 , 12, 5485-98	4.8	21
1071	Opening of glibenclamide-sensitive K ⁺ channels in follicular cells promotes <i>Xenopus</i> oocyte maturation. 1992 , 89, 5133-7		23
1070	Electrophysiological recording from <i>Xenopus</i> oocytes. 1992 , 207, 319-39		228
1069	Use of stage II-III <i>Xenopus</i> oocytes to study voltage-dependent ion channels. 1992 , 207, 339-45		10
1068	<i>Xenopus</i> oocyte microinjection: from gene to protein. 1992 , 207, 225-65		86
1067	Suppression of a ligand operated membrane current by the epileptogenic agent pentylenetetrazol in oocytes of <i>Xenopus laevis</i> after injection of rat brain RNA. 1992 , 147, 155-8		7

1066	Maintenance of <i>Xenopus laevis</i> and oocyte injection. 1992 , 207, 266-79	212
1065	A predominant basic alpha-tubulin isoform present in prophase <i>Xenopus</i> oocyte decreases during meiotic maturation. 1992 , 75, 173-80	6
1064	Nuclear transport and phosphorylation of the RNA binding <i>Xenopus</i> zinc finger protein XFG 5-1. 1992 , 39, 63-72	13
1063	Estimation by an electrophysiological method of the expression of oxytocin receptor mRNA in human myometrium during pregnancy. 1992 , 42, 253-8	17
1062	Molecular cloning, expression and in vitro functional characterization of Myb-related proteins in <i>Xenopus</i> . 1992 , 37, 57-68	25
1061	Control of the peroxisomal beta-oxidation pathway by a novel family of nuclear hormone receptors. 1992 , 68, 879-87	1188
1060	A membrane model for cytosolic calcium oscillations. A study using <i>Xenopus</i> oocytes. 1992 , 63, 235-46	50
1059	Voltage-dependent stimulation of Na ⁺ /K ⁽⁺⁾ -pump current by external cations: selectivity of different K ⁺ congeners. 1992 , 1104, 167-73	20
1058	Molecular evidence for two renal Na ⁺ /glucose cotransporters. 1992 , 1106, 216-20	47
1057	Expression of amiloride-sensitive Na ⁺ channels of hen lower intestine in <i>Xenopus</i> oocytes: electrophysiological studies on the dependence of varying NaCl intake. 1992 , 1111, 159-64	16
1056	Expression of RNA isolated from the water-shunting complex of a sap-sucking insect increases the membrane permeability for water in <i>Xenopus</i> oocytes. 1992 , 200, 301-5	9
1055	Maturation of <i>Xenopus laevis</i> oocyte by progesterone requires poly(A) tail elongation of mRNA. 1992 , 202, 52-8	25
1054	Functional expression of a plant plasma membrane transporter in <i>Xenopus</i> oocytes. 1992 , 302, 166-8	42
1053	<i>Xenopus laevis</i> oocyte G alpha subunits mRNAs. Detection and quantitation during oogenesis and early embryogenesis by competitive reverse PCR. 1992 , 313, 213-9	15
1052	The rapid transient decrease of sn-1,2-diacylglycerol in progesterone-stimulated <i>Xenopus laevis</i> oocytes is the result of an ethanol artifact. 1992 , 154, 223-5	7
1051	Structure and expression of the <i>Xenopus</i> retinoblastoma gene. 1992 , 153, 141-9	43
1050	Expression of DNA ligases I and II during oogenesis and early development of <i>Xenopus laevis</i> . 1992 , 152, 199-202	12
1049	Characterization of a <i>Xenopus</i> oocyte factor that binds to a developmentally regulated cis-element in the TFIIIA gene. 1992 , 151, 306-16	25

1048	Analysis of the p21 ras system during development of meiotic competence in <i>Xenopus laevis</i> oocytes. 1992 , 149, 1-7		8
1047	cAMP-stimulated ion currents in <i>Xenopus</i> oocytes expressing CFTR cRNA. 1992 , 262, C783-8		68
1046	The second-codon rule and autophosphorylation govern the stability and activity of Mos during the meiotic cell cycle in <i>Xenopus</i> oocytes.. <i>EMBO Journal</i> , 1992 , 11, 2433-2446	13	102
1045	Subunit requirements for Torpedo AChR channel expression: a specific role for the delta-subunit in voltage-dependent gating. 1992 , 129, 297-309		11
1044	Regulation of endogenous and expressed Na ⁺ /K ⁺ pumps in <i>Xenopus</i> oocytes by membrane potential and stimulation of protein kinases. 1992 , 125, 119-32		52
1043	Proton transport mechanism in the cell membrane of <i>Xenopus laevis</i> oocytes. 1992 , 420, 78-82		37
1042	Isolation and developmental expression of an oogenesis-specific <i>Xenopus</i> cDNA clone. 1992 , 201, 113-119		
1041	In Vivo Study of Vitellogenin-Gold Transport in the Ovarian Follicle and Oocyte of <i>Xenopus laevis</i> . <i>Development Growth and Differentiation</i> , 1992 , 34, 517-527	3	5
1040	Analysis of the Formation of the Animal-Vegetal Axis during <i>Xenopus</i> Oogenesis Using Monoclonal Antibodies. <i>Development Growth and Differentiation</i> , 1992 , 34, 337-345	3	5
1039	A nonsteroidal follicular factor is involved in maturation process of <i>Xenopus laevis</i> oocytes. 1992 , 86, 304-12		1
1038	F-actin distribution in the ovaries of pre-vitellogenic and vitellogenic black blowflies, <i>Phormia regina</i> (Meigen) (Diptera : Calliphoridae). 1992 , 21, 77-86		4
1037	Inactivation of glibenclamide-sensitive K ⁺ channels in <i>Xenopus</i> oocytes by various calmodulin antagonists. 1992 , 226, 199-207		25
1036	Time course of glutamate receptor expression in individual oocytes of <i>Xenopus laevis</i> after injection of rat brain RNA. 1992 , 103, 189-93		
1035	The multiple beta-tubulin genes of <i>Xenopus</i> : isolation and developmental expression of a germ-cell isotype beta-tubulin gene. 1992 , 50, 15-23		7
1034	Purification, primary structure, bacterial expression and subcellular distribution of an oocyte-specific protein in <i>Xenopus</i> . 1992 , 206, 673-83		19
1033	Expression of the chicken hepatic glycoprotein receptor in <i>Xenopus</i> oocytes: conservation of ligand and receptor targeting signals. 1992 , 48, 248-61		
1032	Localization of ras proto-oncogene expression during development in <i>Xenopus laevis</i> . 1992 , 32, 187-95		1
1031	Synthesis and modification of D7 protein during <i>Xenopus</i> oocyte maturation. 1992 , 32, 293-301		3

1030	Embryonic expression and functional analysis of a <i>Xenopus</i> activin receptor. <i>Developmental Dynamics</i> , 1992 , 194, 1-11	2.9	47
1029	Characterization of prostaglandin F2 alpha receptor of mouse 3T3 fibroblasts and its functional expression in <i>Xenopus laevis</i> oocytes. 1993 , 155, 257-64		31
1028	Voltage-dependent inhibition of the sodium pump by external sodium: species differences and possible role of the N-terminus of the alpha-subunit. 1993 , 21, 433-43		34
1027	Inward rectification of the minK potassium channel. 1993 , 136, 23-9		2
1026	Application of an ectopic expression system for the selection of protein-isoform-specific antibodies. The monoclonal antibody K1C3 is specific for the RCK1 potassium channel. 1993 , 216, 871-7		6
1025	Activation by KRN2391 and nicorandil of glibenclamide-sensitive K ⁺ channels in <i>Xenopus</i> oocytes. 1993 , 244, 277-83		7
1024	Zinc, iron, and copper contents of <i>Xenopus laevis</i> oocytes and embryos. 1993 , 36, 419-23		42
1023	Possible mechanisms in the rearrangement of non-yolk cytoplasmic materials during maturation of the <i>Xenopus laevis</i> oocyte. 1993 , 202, 240-245		2
1022	A beta-subunit normalizes the electrophysiological properties of a cloned N-type Ca ²⁺ channel alpha 1-subunit. 1993 , 32, 1103-16		127
1021	Functional properties of a neuronal class C L-type calcium channel. 1993 , 32, 1117-26		160
1020	Delta opioid receptor mediates phospholipase C activation via Gi in <i>Xenopus</i> oocytes. 1993 , 333, 311-4		42
1019	Characterization of p-aminohippurate transport from rat kidney which is expressed after injection of size-selected mRNA into oocytes of <i>Xenopus laevis</i> . 1993 , 1149, 145-50		2
1018	Thiocyanate ions selectively antagonize AMPA-evoked responses in <i>Xenopus laevis</i> oocytes microinjected with rat brain mRNA. 1993 , 109, 779-87		23
1017	Control of metaphase I formation in <i>Xenopus</i> oocyte: effects of an indestructible cyclin B and of protein synthesis. 1993 , 77, 133-41		30
1016	Xl-fli, the <i>Xenopus</i> homologue of the fli-1 gene, is expressed during embryogenesis in a restricted pattern evocative of neural crest cell distribution. 1993 , 44, 109-21		35
1015	Developmental switch in the expression of NMDA receptors occurs in vivo and in vitro. 1993 , 10, 267-78		382
1014	The c-ets-1 proto-oncogenes in <i>Xenopus laevis</i> : expression during oogenesis and embryogenesis. 1993 , 41, 163-74		17
1013	Regulation of cell divisions during oogenesis of vertebrates: The <i>Xenopus</i> oocyte paradigm. 1993 , 106, 431-448		28

1012	Maturation induced internalization of beta 1-integrin by <i>Xenopus</i> oocytes and formation of the maternal integrin pool. 1993 , 42, 77-88		33
1011	The <i>Xenopus</i> IP3 receptor: structure, function, and localization in oocytes and eggs. 1993 , 73, 555-70		211
1010	Disruption of U8 nucleolar snRNA inhibits 5.8S and 28S rRNA processing in the <i>Xenopus</i> oocyte. 1993 , 73, 1233-45		229
1009	Positive regulation by protein kinase C of slow Na current in <i>Xenopus</i> oocytes. 1993 , 254, 15-20		9
1008	The <i>Xenopus</i> oocyte as an ectopic expression system for the selection of protein isoform-specific antibodies. 1993 , 13, 513-26		1
1007	A more efficient and specific strategy in the ablation of mRNA in <i>Xenopus laevis</i> using mixtures of antisense oligos. <i>Nucleic Acids Research</i> , 1993 , 21, 4615-20	20.1	17
1006	Morphological, Histological and Histochemical Studies on the Ovary of an Oviparous Caecilian, <i>Ichthyophis beddomei</i> (Peters). 1993 , 27, 63		8
1005	Acceleration of intracellular calcium waves in <i>Xenopus</i> oocytes by calcium influx. 1993 , 260, 229-32		157
1004	Inhibition of progesterone action by a factor in human follicular fluid. 1993 , 25, 298-300		3
1003	Eukaryotic initiation factor 5A is a cellular target of the human immunodeficiency virus type 1 Rev activation domain mediating trans-activation. 1993 , 123, 1309-20		248
1002	Mos induces the in vitro activation of mitogen-activated protein kinases in lysates of frog oocytes and mammalian somatic cells. 1993 , 4, 781-90		166
1001	Sequence-specific endonucleolytic cleavage and protection of mRNA in <i>Xenopus</i> and <i>Drosophila</i> . <i>Genes and Development</i> , 1993 , 7, 1620-31	12.6	88
1000	High-affinity binding of progesterone to the plasma membrane of <i>Xenopus</i> oocytes: characteristics of binding and hormonal and developmental control. 1993 , 49, 980-8		73
999	The role of CaaX-dependent modifications in membrane association of <i>Xenopus</i> nuclear lamin B3 during meiosis and the fate of B3 in transfected mitotic cells. 1993 , 123, 1661-70		44
998	Atrial natriuretic factor activates cyclic adenosine 3',5'-monophosphate phosphodiesterase in <i>Xenopus laevis</i> oocytes and potentiates progesterone-induced maturation via cyclic guanosine 5'-monophosphate accumulation. 1993 , 49, 1074-82		14
997	XrpFI, an amphibian transcription factor composed of multiple polypeptides immunologically related to the GA-binding protein alpha and beta subunits, is differentially expressed during <i>Xenopus laevis</i> development. <i>Molecular and Cellular Biology</i> , 1993 , 13, 6479-89	4.8	20
996	Comparative analysis of the expression and oncogenic activities of <i>Xenopus</i> c-, N-, and L-myc homologs. <i>Molecular and Cellular Biology</i> , 1993 , 13, 2456-68	4.8	29
995	Homologous and illegitimate recombination in developing <i>Xenopus</i> oocytes and eggs. <i>Molecular and Cellular Biology</i> , 1993 , 13, 6897-906	4.8	43

994	Changes in protein association with intracellular membranes of <i>Xenopus laevis</i> oocytes during maturation and activation. 1993 , 1, 129-41		9
993	A novel small nucleolar RNA (U16) is encoded inside a ribosomal protein intron and originates by processing of the pre-mRNA.. <i>EMBO Journal</i> , 1993 , 12, 2921-2928	13	66
992	Degradation of Mos by the N-terminal proline (Pro2)-dependent ubiquitin pathway on fertilization of <i>Xenopus</i> eggs: possible significance of natural selection for Pro2 in Mos.. <i>EMBO Journal</i> , 1993 , 12, 4021-4027	13	92
991	Protooncogene product, c-mos kinase, is involved in upregulating Na ⁺ /H ⁺ antiporter in <i>Xenopus</i> oocytes. 1994 , 267, C1717-22		10
990	Radiotracer studies of cystic fibrosis transmembrane conductance regulator expressed in <i>Xenopus</i> oocytes. 1994 , 266, C1586-93		8
989	U17XS8, a small nucleolar RNA with a 12 nt complementarity to 18S rRNA and coded by a sequence repeated in the six introns of <i>Xenopus laevis</i> ribosomal protein S8 gene. <i>Nucleic Acids Research</i> , 1994 , 22, 732-41	20.1	50
988	Delocalization of Vg1 mRNA from the vegetal cortex in <i>Xenopus</i> oocytes after destruction of Xlsirt RNA. 1994 , 265, 1101-3		126
987	Translation of 2'-modified mRNA in vitro and in vivo. <i>Nucleic Acids Research</i> , 1994 , 22, 4963-8	20.1	15
986	Yolk platelets in <i>Xenopus</i> oocytes maintain an acidic internal pH which may be essential for sodium accumulation. 1994 , 125, 1047-56		40
985	Expression and activity of p40MO15, the catalytic subunit of cdk-activating kinase, during <i>Xenopus</i> oogenesis and embryogenesis. 1994 , 5, 921-32		57
984	Role of histidine 95 on pH gating of the cardiac gap junction protein connexin43. 1994 , 74, 1058-64		89
983	Differential accumulation of mRNA and interspersed RNA during <i>Xenopus</i> oogenesis and embryogenesis. 1994 , 2, 307-16		6
982	Anion pores from magainins and related defensive peptides. 1994 , 87, 175-88		40
981	Membrane permeability changes during <i>Rana</i> oocyte maturation. 1994 , 50, 606-9		5
980	Modulation by protein kinase A of a cloned rat brain potassium channel expressed in <i>Xenopus</i> oocytes. 1994 , 428, 186-93		27
979	Gating mechanism of the cloned inward rectifier potassium channel from mouse heart. 1994 , 142, 55-64		24
978	A <i>Xenopus</i> maternal effect mutant gene affects oocyte meiotic reinitiation and fertilization. 1994 , 268, 410-9		
977	Insulin but not progesterone promotes the biosynthesis of glycogen in <i>Xenopus laevis</i> oocytes: implications on the control of glycogen synthase by phosphorylation, dephosphorylation. 1994 , 269, 1-11		4

976	Cloning of a brain-type aldolase cDNA and changes in its mRNA level during oogenesis and early embryogenesis in <i>Xenopus laevis</i> . 1994 , 1218, 153-7		11
975	Vanadate-induced oscillatory inward Cl ⁻ currents in <i>Xenopus laevis</i> oocytes. 1994 , 268, 305-9		1
974	Potentiation by insulin and insulin-like growth factor-1 of glibenclamide-sensitive K ⁺ currents in follicle-enclosed <i>Xenopus</i> oocytes. 1994 , 268, 375-80		4
973	Pharmacological modulation of human cardiac Na ⁺ channels. 1994 , 266, 245-54		22
972	Atrial natriuretic factor potentiates glibenclamide-sensitive K ⁺ currents via the activation of receptor guanylate cyclase in follicle-enclosed <i>Xenopus</i> oocytes. 1994 , 267, 281-7		13
971	Contractile proteins and nonerythroid spectrin in oogenesis of <i>Xenopus laevis</i> . 1994 , 37, 99-109		16
970	Distribution of prosome proteins and their relationship with the cytoskeleton in oogenesis of <i>Xenopus laevis</i> . 1994 , 37, 195-203		8
969	Lipovitellin 2 beta is the 31 kD Ni(2+)-binding protein (pNiXb) in <i>Xenopus</i> oocytes and embryos. 1994 , 38, 256-63		15
968	Formation of the vitelline envelope precedes the active uptake of vitellogenin during oocyte development in the rainbow trout, <i>Oncorhynchus mykiss</i> . 1994 , 39, 166-75		51
967	Analysis of aspartic acid and asparagine metabolism in <i>Xenopus laevis</i> oocytes using a simple and sensitive HPLC method. 1994 , 39, 392-6		1
966	Potassium currents in epilepsy: effects of the epileptogenic agent pentylenetetrazol on a cloned potassium channel. 1994 , 656, 287-94		21
965	Dynamics of oogenesis in the tropical anuran <i>Rana tigrina</i> (Amphibia: Ranidae) with special reference to vitellogenic cycles in wild-caught and captive frogs. 1994 , 19, 339-352		17
964	Cathepsin D Activity in the Vitellogenesis of <i>Xenopus laevis</i> . <i>Development Growth and Differentiation</i> , 1994 , 36, 299-306	3	32
963	Ovary-specific expression of a gene encoding a divergent alpha-tubulin isotype in <i>Xenopus</i> . 1994 , 58, 9-18		6
962	Sequence-specific recognition of a repetitive DNA element by a C2H2 zinc-finger protein in <i>Xenopus</i> . 1994 , 226, 567-76		6
961	A novel heterodimeric transferrin receptor encoded by a pair of VSG expression site-associated genes in <i>T. brucei</i> . 1994 , 78, 75-86		161
960	Osmo-dependent Cl ⁻ currents activated by cyclic AMP in follicle-enclosed <i>Xenopus</i> oocytes. 1994 , 258, 229-35		8
959	Confocal microscopy of F-actin distribution in <i>Xenopus</i> oocytes. 1994 , 2, 111-24		40

958	Heparitinase inhibition of mesoderm induction and gastrulation in <i>Xenopus laevis</i> embryos. 1994 , 164, 484-501		35
957	Activation of osmotically-activated potassium transporters after injection of mRNA from A6 cells in <i>Xenopus</i> oocytes. 1994 , 1190, 248-56		6
956	Effects of the epileptogenic agent bicuculline methiodide on membrane currents induced by N-methyl-D-aspartate and kainate (oocyte; <i>Xenopus laevis</i>). 1994 , 639, 135-8		15
955	Cloning of the <i>Xenopus laevis</i> cdk2 promoter and functional analysis in oocytes and during early development. 1994 , 151, 81-8		6
954	Spatial and temporal expression of basic fibroblast growth factor (FGF-2) mRNA and protein in early <i>Xenopus</i> development. 1994 , 48, 141-51		50
953	<i>Xenopus</i> cadherins: the maternal pool comprises distinguishable members of the family. 1994 , 47, 213-23		39
952	Isolation and characterization of the <i>Xenopus laevis</i> cDNA and genomic homologs of neuropeptide Y. 1994 , 101, 1-10		30
951	Phosphorylation by protein kinase A of RCK1 K ⁺ channels expressed in <i>Xenopus</i> oocytes. 1994 , 33, 8786-92		65
950	Simultaneous near ultraviolet and visible excitation confocal microscopy of calcium transients in <i>Xenopus</i> oocytes. 1994 , 40, 263-84		6
949	Expression of a rat renal sodium-dependent dicarboxylate transporter in <i>Xenopus</i> oocytes. 1994 , 297 (Pt 1), 35-9		4
948	Chloride current assay for phospholipase C in <i>Xenopus</i> oocytes. 1994 , 238, 140-54		8
947	Different forms of U15 snoRNA are encoded in the introns of the ribosomal protein S1 gene of <i>Xenopus laevis</i> . <i>Nucleic Acids Research</i> , 1994 , 22, 4607-13	20.1	30
946	Characterization of the platelet-activating factor acetylhydrolase from human plasma by heterologous expression in <i>Xenopus laevis</i> oocytes. 1994 , 91, 10320-4		25
945	The alpha subunit of the human granulocyte-macrophage colony-stimulating factor receptor signals for glucose transport via a phosphorylation-independent pathway. 1994 , 91, 2537-41		55
944	An3 mRNA encodes an RNA helicase that colocalizes with nucleoli in <i>Xenopus</i> oocytes in a stage-specific manner. 1994 , 91, 2056-60		48
943	Role of phosphorylation in desensitization of acetylcholine receptors expressed in <i>Xenopus</i> oocytes. 1994 , 14, 4185-95		60
942	Protein kinase A acts at multiple points to inhibit <i>Xenopus</i> oocyte maturation. <i>Molecular and Cellular Biology</i> , 1994 , 14, 4419-26	4.8	107
941	Molecular cloning of an amphibian insulin receptor substrate 1-like cDNA and involvement of phosphatidylinositol 3-kinase in insulin-induced <i>Xenopus</i> oocyte maturation. <i>Molecular and Cellular Biology</i> , 1995 , 15, 3563-70	4.8	67

940	Incorporation of reconstituted acetylcholine receptors from Torpedo into the <i>Xenopus</i> oocyte membrane. 1995 , 92, 8468-72	54
939	Functional role of follicular cells in the generation of osmolarity-dependent Cl ⁻ currents in <i>Xenopus</i> follicles. 1995 , 488 (Pt 2), 351-7	20
938	Distinct effects of Ca ²⁺ and voltage on the activation and deactivation of cloned Ca(2+)-activated K ⁺ channels. 1995 , 489 (Pt 2), 403-18	66
937	Microinjection into <i>Xenopus</i> oocytes. 1995 , 254, 458-66	6
936	7 Axis Formation during Amphibian Oogenesis: Reevaluating the Role of the Cytoskeleton. 1995 , 215-252	22
935	Oocyte microinjection assay for evaluation of Ras-induced signaling pathways. 1995 , 255, 426-35	
934	[4] <i>Xenopus</i> oocytes: A system for expression cloning and structure-function studies of ion channels and receptors. 1995 , 25, 67-89	7
933	Dissection of the Cell Cycle Using Cell-Free Extracts From <i>Xenopus</i> Laevis. 1995 , 13, 181-217	
932	Immunocytochemistry of annulate lamellae: potential cell biological markers for studies of cell differentiation and pathology. 1995 , 58, 307-12	12
931	Cyclin B/p34cdc2 Triggers Phosphorylation of DNA Ligase I During <i>Xenopus laevis</i> Oocyte Maturation. 1995 , 230, 491-497	
930	Expression of the subunits of protein kinase CK2 during oogenesis in <i>Xenopus laevis</i> . 1995 , 232, 671-6	19
929	Evidence that XR family interspersed RNA may regulate translation in <i>Xenopus</i> oocytes. 1995 , 40, 481-9	1
928	Isolation of cDNAs from maternal mRNAs specifically present during early development. 1995 , 41, 1-7	6
927	<i>Xenopus</i> lipovitellin 1 is a Zn(2+)- and Cd(2+)-binding protein. 1995 , 42, 180-7	16
926	Distribution of RNase MRP RNA during <i>Xenopus laevis</i> oogenesis. 1995 , 42, 359-68	13
925	Sexual differentiation and hormonal regulation of the laryngeal synapse in <i>Xenopus laevis</i> . 1995 , 28, 515-26	21
924	A <i>Xenopus laevis</i> gene encoding EF-1 alpha S, the somatic form of elongation factor 1 alpha: sequence, structure, and identification of regulatory elements required for embryonic transcription. 1995 , 17, 280-90	25
923	Intranuclear binding of nucleoplasmin. 1995 , 58, 105-14	4

922	Contribution of response kinetics to the response pattern: studies of responses to thyrotropin-releasing hormone in <i>Xenopus</i> oocytes. 1995 , 162, 284-9	2
921	Dependence of removal of sperm-specific proteins from <i>Xenopus</i> sperm nuclei on the phosphorylation state of nucleoplasmin. <i>Development Growth and Differentiation</i> , 1995 , 37, 329-336	3 5
920	Lead-induced blockage of kainate-sensitive receptor channels. 1995 , 353, 42-5	5
919	Establishment and movement of egg regions revealed by the size class of yolk platelets in <i>Xenopus laevis</i> . 1995 , 205, 128-137	3
918	Evidence for coupling between Na ⁺ pump activity and TEA-sensitive K ⁺ currents in <i>Xenopus laevis</i> oocytes. 1995 , 143, 29-35	12
917	A voltage-dependent and pH-sensitive proton current in <i>Rana esculenta</i> oocytes. 1995 , 147, 207-15	24
916	The Ca ²⁺ -induced leak current in <i>Xenopus</i> oocytes is indeed mediated through a Cl ⁻ channel. 1995 , 148, 263-75	29
915	Effect of primary, secondary and tertiary amines on membrane potential and intracellular pH in <i>Xenopus laevis</i> oocytes. 1995 , 429, 306-12	27
914	Phospholipase C activates protein kinase C during induction of slow Na current in <i>Xenopus</i> oocytes. 1995 , 429, 825-31	15
913	Estimation of water content and water mobility in the nucleus and cytoplasm of <i>Xenopus laevis</i> oocytes by NMR microscopy. 1995 , 13, 269-76	28
912	Improvement and testing of a concentration-clamp system for oocytes of <i>Xenopus laevis</i> . 1995 , 63, 211-3	25
911	Control of cell volume in oocytes and eggs from <i>Xenopus laevis</i> . 1995 , 111, 681-91	16
910	Effects of the epileptogenic agent strychnine on membrane currents elicited by agonists of the NMDA and non-NMDA receptors in <i>Xenopus</i> oocytes. 1995 , 111, 65-71	1
909	XB/U-cadherin mRNA contains cytoplasmic polyadenylation elements and is polyadenylated during oocyte maturation in <i>Xenopus laevis</i> . 1995 , 1262, 95-8	10
908	Effects of lead on cloned voltage-operated neuronal potassium channels. 1995 , 351, 320-7	7
907	Immunocytochemical localization of ribonuclease in yolk granules of adult <i>Rana catesbeiana</i> oocytes. 1995 , 280, 259-65	2
906	<i>Xenopus</i> oocytes as a heterologous expression system for plant proteins. 1995 , 3, 101-15	10
905	Protein kinase C involvement in homologous desensitization of delta-opioid receptor coupled to Gi1-phospholipase C activation in <i>Xenopus</i> oocytes. 1995 , 15, 7485-99	58

904	In Vitro Transcription and Translation Protocols. 1995,		3
903	Molecular and structural characterization of the heat-resistant thyroxine-binding globulin-Chicago. 1995, 270, 28234-8		14
902	Xenopus Gq alpha subunit activates the phosphatidylinositol pathway in Xenopus oocytes but does not consistently induce oocyte maturation. 1995, 92, 1297-301		15
901	The UUAG-specific RNA binding protein, heterogeneous nuclear ribonucleoprotein D0. Common modular structure and binding properties of the 2xRBD-Gly family. 1995, 270, 22167-75		96
900	In vivo storage of XR family interspersed RNA in Xenopus oocytes. 1995, 3, 37-44		1
899	Xenopus oocytes as a heterologous expression system. <i>Methods in Molecular Biology</i> , 1995, 49, 317-40	1.4	7
898	mRNA translation in Xenopus oocytes. <i>Methods in Molecular Biology</i> , 1995, 37, 151-78	1.4	4
897	Xenopus Oocyte Microinjection and Ion-Channel Expression. 259-306		10
896	Intronic U14 snoRNAs of Xenopus laevis are located in two different parent genes and can be processed from their introns during early oogenesis. <i>Nucleic Acids Research</i> , 1995, 23, 4844-9	20.1	24
895	Analysis of nuclear lamin isoprenylation in Xenopus oocytes: isoprenylation of lamin B3 precedes its uptake into the nucleus. 1995, 129, 17-24		33
894	Xenopus interspersed RNA families, Ocr and XR, bind DNA-binding proteins. 1995, 3, 111-22		3
893	Requirement for phosphorylation of cyclin B1 for Xenopus oocyte maturation. 1995, 6, 1111-24		66
892	Zinc uptake and distribution in Xenopus laevis oocytes and embryos. 1995, 34, 16524-31		29
891	Mutagenesis of the H-ras p21 at glycine-60 residue disrupts GTP-induced conformational change. 1995, 34, 3470-7		44
890	Heterologous expression of higher plant transport proteins and repression of endogenous ion currents in Xenopus oocytes. 1995, 50, 519-33		5
889	Synthesis of plant proteins in heterologous systems: Xenopus laevis oocytes. 1995, 50, 497-517		5
888	Two endogenous methyl-alpha-D-glucopyranoside uptake activities in Xenopus oocytes. 1995, 112, 115-22		3
887	RAD51 homologues in Xenopus laevis: two distinct genes are highly expressed in ovary and testis. 1995, 160, 195-200		37

- 886 WIN 63480, a hydrophilic TCP-site ligand, has reduced agonist-independent NMDA ion channel access compared to MK-801 and phencyclidine. **1995**, 34, 1597-606 5
- 885 A mechanistic link between an inherited and an acquired cardiac arrhythmia: HERG encodes the IKr potassium channel. **1995**, 81, 299-307 2066
- 884 Expressed ryanodine receptor can substitute for the inositol 1,4,5-trisphosphate receptor in *Xenopus laevis* oocytes during progesterone-induced maturation. **1995**, 172, 531-40 21
- 883 mRNA encoding the translation initiation factor eIF-4E is expressed early in *Xenopus* embryogenesis. **1995**, 360, 191-3 22
- 882 Bone morphogenetic protein 2 in the early development of *Xenopus laevis*. **1995**, 52, 357-70 95
- 881 F-actin is required for spindle anchoring and rotation in *Xenopus* oocytes: a re-examination of the effects of cytochalasin B on oocyte maturation. **1995**, 3, 17-26 66
- 880 Plant Gene Transfer and Expression Protocols. **1995**, 2
- 879 A *Xenopus* c-kit-related receptor tyrosine kinase expressed in migrating stem cells of the lateral line system. **1995**, 50, 217-28 30
- 878 The concentrations of AcSDKP, a physiological inhibitor of cell proliferation, vary during oogenesis and early development in *Xenopus laevis*. **1995**, 85, 223-5
- 877 pH regulation of connexin43: molecular analysis of the gating particle. **1996**, 71, 1273-84 148
- 876 Intramolecular interactions mediate pH regulation of connexin43 channels. **1996**, 70, 1294-302 233
- 875 Ion selectivity and activation of the M2 ion channel of influenza virus. **1996**, 70, 1335-46 139
- 874 Confocal immunofluorescence microscopy of microtubules, microtubule-associated proteins, and microtubule-organizing centers during amphibian oogenesis and early development. **1995**, 31, 383-431 45
- 873 Effects of pentylentetrazol on GABA receptors expressed in oocytes of *Xenopus laevis*: extra- and intracellular sites of action. **1996**, 205, 115-8 18
- 872 Structural and functional comparison of toxins from the venom of the scorpions *Centruroides infamatus infamatus*, *Centruroides limpidus limpidus* and *Centruroides noxius*. **1996**, 113, 331-9 31
- 871 Vitellogenesis-related ovary cathepsin D from *Xenopus laevis*: purification and properties in comparison with liver cathepsin D. **1996**, 113, 835-40 16
- 870 *Xenopus laevis* oocytes contain endogenous large conductance Ca²⁺(+)-activated K⁺ channels. **1996**, 35, 1017-22 22
- 869 Property of receptor for vasoactive intestinal contractor (VIC) expressed in *Xenopus* oocytes injected with mRNA from rat intestine. **1996**, 58, 1731-6 3

868	Expression and functional characterization of a melatonin-sensitive receptor in <i>Xenopus</i> oocytes. 1996 , 381, 98-102		4
867	Immunophilin Modulation of Calcium Channel Gating. 1996 , 9, 177-87		13
866	Bumetanide is not transported by the Ntcp or by the oatp: evidence for a third organic anion transporter in rat liver cells. 1996 , 1300, 114-8		11
865	Cloning of <i>Xenopus</i> TFIIIS and its expression in oocytes and early embryos. 1996 , 222, 541-6		8
864	xGCNF, a nuclear orphan receptor is expressed during neurulation in <i>Xenopus laevis</i> . 1996 , 60, 45-57		44
863	Prediction of neurotoxic potency of hazardous substances with a modular in vitro test battery. 1996 , 88, 115-20		3
862	A monoclonal antibody against DNA topoisomerase II labels the axial granules of Pleurodeles lampbrush chromosomes. <i>Chromosoma</i> , 1996 , 104, 358-66	2.8	11
861	cAMP-activation of amiloride-sensitive Na ⁺ channels from guinea-pig colon expressed in <i>Xenopus</i> oocytes. 1996 , 431, 913-922		1
860	cAMP-activation of amiloride-sensitive Na ⁺ channels from guinea-pig colon expressed in <i>Xenopus</i> oocytes. 1996 , 431, 913-22		4
859	Activation of ATP-sensitive potassium channels in follicle-enclosed <i>xenopus</i> oocytes by the epileptogenic agent pentylenetetrazol. 1996 , 431, 736-40		4
858	[Effect of the nature of the heteroatom of a monosaccharide derivative on its inhibitory action in relation to P-type calcium channels expressed in the <i>Xenopus</i> oocyte]. 1996 , 104, 43-9		
857	Regulation of embryonic cell division by a <i>Xenopus</i> gastrula-specific protein kinase.. <i>EMBO Journal</i> , 1996 , 15, 4556-4565	13	4
856	X-ray absorption fine structure as a monitor of zinc coordination sites during oogenesis of <i>Xenopus laevis</i> . 1996 , 93, 3227-31		9
855	Homologous genetic recombination in <i>Xenopus</i> : mechanism and implications for gene manipulation. 1996 , 54, 101-25		22
854	Complex formation between stage-specific oocyte factors and a <i>Xenopus</i> mRNA localization element. 1996 , 93, 14608-13		59
853	Changes in nuclear localization of An3, a RNA helicase, during oogenesis and embryogenesis in <i>Xenopus laevis</i> . 1996 , 45, 491-502		10
852	Maternal and zygotic expression of mRNA for S-adenosylmethionine decarboxylase and its relevance to the unique polyamine composition in <i>Xenopus</i> oocytes and embryos. 1996 , 1308, 31-40		17
851	Mechanism of action of the epileptogenic drug pentylenetetrazol on a cloned neuronal potassium channel. 1996 , 722, 59-70		16

850	The role of Ca(2+) in progesterone-induced germinal vesicle breakdown of <i>Xenopus laevis</i> oocytes: the synergic effects of microtubule depolymerization and Ca(2+). 1996 , 206, 110-24		21
849	Structural changes in oocyte nucleoli of <i>Xenopus laevis</i> during oogenesis and meiotic maturation. <i>Chromosoma</i> , 1996 , 105, 111-21	2.8	15
848	Functional reconstitution of KCl-evoked, Ca(2+)-dependent acetylcholine release system in <i>Xenopus</i> oocytes microinjected with presynaptic plasma membranes and synaptic vesicles. 1996 , 44, 106-14		8
847	Spatio-temporal distribution of the protein of <i>Xenopus</i> vasa homologue (<i>Xenopus</i> vasa-like gene 1, XVLG1) in embryos. <i>Development Growth and Differentiation</i> , 1996 , 38, 527-535	3	25
846	Salt concentration-dependency of vitellogenin processing by cathepsin D in <i>Xenopus laevis</i> . <i>Development Growth and Differentiation</i> , 1996 , 38, 549-556	3	12
845	Synthesis and characterization of Schiff Base Chelates of Tetramic Acids as NMR Contrast Agents for micro imaging. 1996 , 338, 642-646		2
844	A tetrodotoxin-resistant voltage-gated sodium channel expressed by sensory neurons. <i>Nature</i> , 1996 , 379, 257-62	50.4	908
843	The role of microtubules and inositol triphosphate induced Ca ²⁺ release in the tyrosine phosphorylation of mitogen-activated protein kinase in extracts of <i>Xenopus laevis</i> oocytes. 1996 , 4, 21-30		9
842	Calcium-dependent development of secondary cytotstatic factor (2 degrees CSF) from <i>Xenopus laevis</i> oocytes and zygotes. 1996 , 4, 11-9		2
841	Surface Charges of K channels. Effects of strontium on five cloned channels expressed in <i>Xenopus</i> oocytes. 1996 , 108, 325-32		47
840	The dominant negative effects of H-Ras harboring a Gly to Ala mutation at position 60. 1996 , 271, 30537-43		16
839	H2A.ZI, a new variant histone expressed during <i>Xenopus</i> early development exhibits several distinct features from the core histone H2A. <i>Nucleic Acids Research</i> , 1996 , 24, 3947-52	20.1	44
838	Isolation and expression of a <i>Xenopus laevis</i> DNA methyltransferase cDNA. 1996 , 120, 1182-9		20
837	DNA-dependent protein phosphorylation activity in <i>Xenopus</i> is coupled to a Ku-like protein. 1997 , 193, 147-52		5
836	Expression of rat liver cell membrane transporters for thyroid hormone in <i>Xenopus laevis</i> oocytes. 1997 , 138, 1841-6		33
835	Expression cloning of neural genes using <i>Xenopus laevis</i> oocytes. 2001 , Chapter 4, Unit 4.3		1
834	Calcium current activated by depletion of calcium stores in <i>Xenopus</i> oocytes. 1997 , 109, 703-15		62
833	Procaine-induced maturation of <i>Xenopus</i> oocytes is mediated by a transient activation of M-phase promoting factor. 1997 , 5, 11-9		7

832	Intracellular localization and unique conserved sequences of three small nucleolar RNAs. <i>Nucleic Acids Research</i> , 1997 , 25, 1591-6	20.1	23
831	Distribution and localization of galectin purified from <i>Rana catesbeiana</i> oocytes. 1997 , 7, 1159-65		6
830	Gamete interactions in <i>Xenopus laevis</i> : identification of sperm binding glycoproteins in the egg vitelline envelope. 1997 , 136, 1099-108		89
829	Cloning and functional expression of a brain peptide/histidine transporter. 1997 , 272, 10205-11		155
828	Phosphorylation of the RNA polymerase II largest subunit during <i>Xenopus laevis</i> oocyte maturation. <i>Molecular and Cellular Biology</i> , 1997 , 17, 1434-40	4.8	56
827	SIP/SHIP inhibits <i>Xenopus</i> oocyte maturation induced by insulin and phosphatidylinositol 3-kinase. <i>Molecular and Cellular Biology</i> , 1997 , 17, 2559-65	4.8	58
826	Transcription and export of rnae mrp rna in <i>xenopus laevis</i> oocytes. 1997 , 1, 363-370		1
825	Ca ²⁺ oscillations induced by fibroblast growth factor 2 in <i>Xenopus</i> oocytes expressing fibroblast growth factor receptors. 1997 , 14, 205-10		8
824	Involvement of the Ca ²⁺ /calmodulin-dependent protein kinase II pathway in the Ca ²⁺ -mediated regulation of the capacitative Ca ²⁺ entry in <i>Xenopus</i> oocytes. 1997 , 322 (Pt 1), 267-72		20
823	Regulation by phosphorylation of <i>Xenopus laevis</i> poly(ADP-ribose) polymerase enzyme activity during oocyte maturation. 1997 , 325 (Pt 2), 543-51		31
822	Mechanisms of <i>Xenopus</i> oocyte maturation. 1997 , 283, 584-600		12
821	Calcium flux assay of chemokine receptor expression in <i>Xenopus</i> oocytes. 1997 , 288, 108-17		1
820	Nuclear transport of RNAs in microinjected <i>Xenopus</i> oocytes. 1998 , 53, 559-89		21
819	[¹²⁵ I]iberiotoxin-D19Y/Y36F, the first selective, high specific activity radioligand for high-conductance calcium-activated potassium channels. 1997 , 36, 1943-52		49
818	Xp54, the <i>Xenopus</i> homologue of human RNA helicase p54, is an integral component of stored mRNP particles in oocytes. <i>Nucleic Acids Research</i> , 1997 , 25, 965-73	20.1	127
817	Serotonergic effects of dotarizine in coronary artery and in oocytes expressing 5-HT ₂ receptors. 1997 , 332, 183-93		14
816	Localization of <i>Xenopus</i> Vg1 mRNA by Vera protein and the endoplasmic reticulum. 1997 , 276, 1128-31		240
815	Expression of a non-MDR2-coded liver phosphatidylcholine membrane transport protein in <i>Xenopus laevis</i> oocytes. 1997 , 231, 277-82		2

814	Cloning of Xenopus Dr1 (TBP-binding repressor) and its expression in oocytes and early embryos. 1997 , 231, 561-5	2
813	A domain distinct from nucleoplasmin's nuclear localization sequence influences its transport. 1997 , 235, 19-25	6
812	Isolation and expression study of a maternally expressed novel Xenopus gene Xem1 encoding a putative evolutionarily conserved membrane protein. 1997 , 238, 899-904	5
811	Developmental expression of the inositol 1,4,5-trisphosphate receptor and structural changes in the endoplasmic reticulum during oogenesis and meiotic maturation of Xenopus laevis. 1997 , 182, 228-39	62
810	The organization and animal-vegetal asymmetry of cytokeratin filaments in stage VI Xenopus oocytes is dependent upon F-actin and microtubules. 1997 , 184, 95-114	76
809	Comparative effects of insulin on the activation of the Raf/Mos-dependent MAP kinase cascade in vitellogenic versus postvitellogenic Xenopus oocytes. 1997 , 188, 122-33	29
808	Localized maternal proteins in Xenopus revealed by subtractive immunization. 1997 , 192, 446-54	16
807	Autonomous neural axis formation by ectopic expression of the protooncogene c-ski. 1997 , 192, 392-404	35
806	P2X7 purinoceptor expression in Xenopus oocytes is not sufficient to produce a pore-forming P2Z-like phenotype. 1997 , 411, 339-45	82
805	Chlorpromazine activates chloride currents in Xenopus oocytes. 1997 , 1324, 18-26	19
804	A paired oocyte adhesion assay reveals the homophilic binding properties of the Xenopus maternal cadherins, XB/U- and EP-cadherin. 1997 , 64, 87-94	9
803	The Xenopus Sox3 gene expressed in oocytes of early stages. 1997 , 188, 101-7	63
802	mRNA encoding the catalytic subunit of DNA-dependent protein kinase is widely expressed in Xenopus cells. 1997 , 203, 235-40	9
801	Diversity of potassium channels contributing to differences in brain area-specific seizure susceptibility: sensitivity of different potassium channels to the epileptogenic agent pentylentetrazol. 1997 , 9, 390-5	13
800	Follicular tissues reduce drug effects on ion channels in oocytes of Xenopus laevis. 1997 , 9, 599-604	34
799	Conservation of structural domains and biochemical activities of the MDM2 protein from Xenopus laevis. 1997 , 14, 1427-33	38
798	Measurement of elastic properties of Xenopus oocytes. 1997 , 118, 607-13	6
797	Stimulation of translation and cytoplasmic polyadenylation by the Xenopus c-myc1 3'-untranslated region. 1997 , 62, 51-62	2

796	Post-translational activation of non-homologous DNA end-joining in <i>Xenopus</i> oocyte extracts. 1997 , 247, 518-25		2
795	Structure of aldolase A (muscle-type) cDNA and its regulated expression in oocytes, embryos and adult tissues of <i>Xenopus laevis</i> . 1997 , 1354, 189-203		4
794	Establishment of polarities in the oocyte of <i>Xenopus laevis</i> : the provisional axial symmetry of the full-grown oocyte of <i>Xenopus laevis</i> . 1997 , 53, 382-409		13
793	Reproductive endocrinology of the explosively breeding desert spadefoot toad, <i>Scaphiopus couchii</i> . 1997 , 105, 102-13		98
792	Observations on the reproductive cycle of cultures white sturgeon, <i>Acipenser transmontanus</i> . 1997 , 48, 265-278		156
791	"Micronucleoli" in the <i>Xenopus</i> germinal vesicle. <i>Chromosoma</i> , 1997 , 105, 438-43	2.8	24
790	Annexins from Ehrlich ascites cells inhibit the calcium-activated chloride current in <i>Xenopus laevis</i> oocytes. 1997 , 434, 261-6		9
789	Membrane currents in immature oocytes of the <i>Rana perezi</i> frog. 1997 , 434, 413-21		11
788	Effects of n-hexane and its metabolites on cloned voltage-operated neuronal potassium channels. 1997 , 71, 238-42		1
787	A kinetic model with ordered cytoplasmic dissociation for SUC1, an Arabidopsis H ⁺ /sucrose cotransporter expressed in <i>Xenopus</i> oocytes. 1997 , 159, 113-25		57
786	The developing <i>Xenopus</i> oocyte specifies the type of gonadotropin-stimulated steroidogenesis performed by its associated follicle cells. <i>Development Growth and Differentiation</i> , 1997 , 39, 87-97	3	23
785	A major glycoprotein of <i>Xenopus</i> egg vitelline envelope, gp41, is a frog homolog of mammalian ZP3. <i>Development Growth and Differentiation</i> , 1997 , 39, 405-17	3	58
784	cDNA cloning and sequence analysis of the <i>Xenopus laevis</i> egg envelope glycoprotein gp43. <i>Development Growth and Differentiation</i> , 1997 , 39, 457-67	3	53
783	Development of the competence of bovine oocytes to release cortical granules and block polyspermy after meiotic maturation. <i>Development Growth and Differentiation</i> , 1997 , 39, 607-15	3	31
782	Formation of new plasma membrane during the first cleavage cycle in the egg of <i>Xenopus laevis</i> : an immunocytological study. <i>Development Growth and Differentiation</i> , 1997 , 39, 693-704	3	7
781	v-erbA oncogene initiates ultrastructural changes characteristic of early and intermediate events of meiotic maturation in <i>Xenopus</i> oocytes. 1997 , 67, 184-200		6
780	Effects of cyclin A2 noncoding regions on reporter gene translation during early development of <i>Xenopus laevis</i> . 1997 , 21, 134-45		2
779	RNA expression from a site-specific non-LTR retrotransposon microinjected into <i>Xenopus</i> oocytes. 1998 , 104, 67-76		

778	Voltage-dependent inactivation of the human K ⁺ channel KvLQT1 is eliminated by association with minimal K ⁺ channel (minK) subunits. 1998 , 510 (Pt 1), 37-45	130
777	Homologous and heterologous acute desensitization of vasopressin V1a receptor in <i>Xenopus</i> oocytes. 1998 , 10, 217-23	16
776	Inhibition of the adenylyl cyclase and activation of the phosphatidylinositol pathway in oocytes through expression of serotonin receptors does not induce oocyte maturation. 1998 , 280, 45-56	19
775	Nucleolar targeting of 5S RNA in <i>Xenopus laevis</i> oocytes: somatic-type nucleotide substitutions enhance nucleolar localization. 1998 , 69, 490-505	5
774	Different signaling pathway between sphingosine-1-phosphate and lysophosphatidic acid in <i>Xenopus</i> oocytes: functional coupling of the sphingosine-1-phosphate receptor to PLC- β in <i>Xenopus</i> oocytes. 1998 , 176, 412-23	28
773	Effects of mechano-gated cation channel blockers on <i>Xenopus</i> oocyte growth and development. 1998 , 165, 161-74	22
772	Induction of the DNA-binding and transcriptional activities of heat shock factor 1 is uncoupled in <i>Xenopus</i> oocytes. 1998 , 1402, 79-85	11
771	Apparent continuity between the messenger transport organizer and late RNA localization pathways during oogenesis in <i>Xenopus</i> . 1998 , 73, 95-106	82
770	Xpat, a gene expressed specifically in germ plasm and primordial germ cells of <i>Xenopus laevis</i> . 1998 , 73, 159-68	104
769	Contribution of METRO pathway localized molecules to the organization of the germ cell lineage. 1998 , 75, 81-93	82
768	Whole-mount in situ hybridization of mitochondrial rRNA and RNase MRP RNA in <i>xenopus laevis</i> oocytes. 1998 , 2, 529-538	
767	Exogastrula formation in <i>Xenopus laevis</i> embryos depleted with maternal XmN-cadherin mRNA by antisense S-oligo DNA. 1998 , 242, 170-5	6
766	Identification and expression study of a <i>Xenopus</i> homologue of prenylated SNARE gene. 1998 , 248, 235-9	2
765	Inhibition of small G proteins by clostridium sordellii lethal toxin activates cdc2 and MAP kinase in <i>Xenopus</i> oocytes. 1998 , 204, 592-602	5
764	RNA localization in development. 1998 , 67, 335-94	292
763	High-level expression and detection of ion channels in <i>Xenopus</i> oocytes. 1998 , 293, 529-56	49
762	Molecular characterization of a novel, widespread nuclear protein that colocalizes with spliceosome components. 1998 , 9, 143-60	35
761	Characterization of FEN-1 from <i>Xenopus laevis</i> . cDNA cloning and role in DNA metabolism. 1998 , 273, 34222-9	13

760	ncl-1 is required for the regulation of cell size and ribosomal RNA synthesis in <i>Caenorhabditis elegans</i> . 1998 , 140, 1321-9	71
759	A rho-associated protein kinase, ROKalpha, binds insulin receptor substrate-1 and modulates insulin signaling. 1998 , 273, 4740-6	55
758	Expression cloning using <i>Xenopus laevis</i> oocytes. 1998 , 296, 17-52	62
757	Molecular cloning and characterization of <i>Xenopus</i> insulin-like growth factor-1 receptor: its role in mediating insulin-induced <i>Xenopus</i> oocyte maturation and expression during embryogenesis. 1998 , 139, 949-54	32
756	Electrophysiologic recordings from <i>Xenopus</i> oocytes. 1998 , 293, 280-300	63
755	Rapid sulfation of 3,3',5'-triiodothyronine in native <i>Xenopus laevis</i> oocytes. 1998 , 139, 596-600	12
754	Cloning and functional characterization of a <i>Brassica napus</i> transporter that is able to transport nitrate and histidine. 1998 , 273, 12017-23	121
753	Two functionally dependent acetylcholine subunits are encoded in a single <i>Caenorhabditis elegans</i> operon. 1998 , 95, 15492-5	87
752	Regulation of the human oxytocin receptor in the uterus: a molecular approach. 1998 , 4, 615-24	16
751	The role of calmodulin-binding sites in the regulation of the <i>Drosophila</i> TRPL cation channel expressed in <i>Xenopus laevis</i> oocytes by Ca^{2+} , inositol 1,4,5-trisphosphate and GTP-binding proteins. 1998 , 330 (Pt 3), 1149-58	24
750	Cl ⁻ currents activated via purinergic receptors in <i>Xenopus</i> follicles. 1998 , 274, C333-40	21
749	The <i>Rana catesbeiana</i> rcr gene encoding a cytotoxic ribonuclease. Tissue distribution, cloning, purification, cytotoxicity, and active residues for RNase activity. 1998 , 273, 6395-401	38
748	Ceramide triggers intracellular calcium release via the IP(3) receptor in <i>Xenopus laevis</i> oocytes. 1999 , 277, C665-72	77
747	Effects of endocrine-disrupting contaminants on amphibian oogenesis: methoxychlor inhibits progesterone-induced maturation of <i>Xenopus laevis</i> oocytes in vitro. 1999 , 107, 285-92	68
746	Induction de l'excitabilité membranaire dans les ovocytes de <i>X. laevis</i> . 1999 , 193, 517-522	1
745	<i>Xenopus</i> maintenance-type DNA methyltransferase is accumulated and translocated into germinal vesicles of oocytes. 1999 , 125, 1175-82	10
744	Characterization of the thyroxine-binding site of thyroxine-binding globulin by site-directed mutagenesis. 1999 , 13, 1864-72	10
743	Coilin shuttles between the nucleus and cytoplasm in <i>Xenopus</i> oocytes. 1999 , 10, 3425-34	23

742	Expression cloning and characterization of a novel sodium-dicarboxylate cotransporter from winter flounder kidney. 1999 , 274, 20191-6		29
741	Maternal transcripts of mitotic checkpoint gene, Xbub3, are accumulated in the animal blastomeres of <i>Xenopus</i> early embryo. 1999 , 18, 227-34		15
740	Detection of proteins binding to short RNA.DNA hybrids or short antisense oligonucleotides in <i>Xenopus laevis</i> oocytes and human macrophage cell extracts by photoaffinity radiolabeling. 1999 , 9, 317-31		3
739	Ovochymase, a <i>Xenopus laevis</i> egg extracellular protease, is translated as part of an unusual polyprotease. 1999 , 96, 11253-8		27
738	Regulation of DNA binding activity and nuclear transport of B-Myb in <i>Xenopus</i> oocytes. 1999 , 274, 10293-300		14
737	Assembly of the nuclear transcription and processing machinery: Cajal bodies (coiled bodies) and transcriptosomes. 1999 , 10, 4385-402		233
736	Identification of mRNA-binding proteins during development: characterization of <i>Bufo arenarum</i> cellular nucleic acid binding protein. <i>Development Growth and Differentiation</i> , 1999 , 41, 183-91	3	15
735	Muscarinic receptor heterogeneity in follicle-enclosed <i>Xenopus</i> oocytes. 1999 , 521 Pt 2, 409-19		15
734	Functional effects of mutations in KvLQT1 that cause long QT syndrome. 1999 , 10, 817-26		73
733	Isolation and characterization of <i>Xenopus</i> ATM (X-ATM): expression, localization, and complex formation during oogenesis and early development. 1999 , 18, 7070-9		27
732	A calcium homeostasis mechanism induced by heterologous expression of total RNA from chicory leaves in <i>Xenopus</i> oocytes. 1999 , 167, 25-33		1
731	Incorporation of mouse zona pellucida proteins into the envelope of <i>Xenopus laevis</i> oocytes. 1999 , 209, 330-9		24
730	Cytoarchitecture of <i>Caudiverbera caudiverbera</i> stage VI oocytes: a light and electron microscope study. 1999 , 199, 489-97		1
729	Open channel block of NMDA receptors by conformationally restricted analogs of milnacipran and their protective effect against NMDA-induced neurotoxicity. 1999 , 31, 87-96		11
728	Microtubules in <i>Xenopus</i> oocytes are oriented with their minus-ends towards the cortex. 1999 , 44, 34-43		32
727	Immunocytochemical studies of the interactions of cadherins and catenins in the early <i>Xenopus</i> embryo. <i>Developmental Dynamics</i> , 1999 , 215, 155-69	2,9	30
726	Confocal microscopy and 3-D reconstruction of the cytoskeleton of <i>Xenopus</i> oocytes. 1999 , 44, 388-414		46
725	In vitro binding of free cdc2 and raf kinase to membrane vesicles: a possible new regulatory mechanism for cdc2 kinase activation in <i>Xenopus</i> oocyte. 1999 , 45, 13-30		3

724	Measurement of intracellular calcium concentration using confocal microscopy. <i>Methods in Molecular Biology</i> , 1999 , 114, 75-91	1.4	1
723	Identification of a 100 kDa Microtubule-Associated Protein from <i>Xenopus</i> Eggs. 1999 , 16, 611-618		
722	Xcat2 RNA is a translationally sequestered germ plasm component in <i>Xenopus</i> . 1999 , 84, 75-88		65
721	Inhibition of protein tyrosine phosphatases blocks calcium-induced activation of metaphase II-arrested oocytes of <i>Xenopus laevis</i> . 1999 , 457, 175-8		14
720	Preliminary observations on the effects of holding temperature on reproductive performance of female white sturgeon, <i>Acipenser transmontanus</i> Richardson. 1999 , 176, 315-329		65
719	Ion currents of <i>Xenopus laevis</i> oocytes: state of the art. 1999 , 1421, 213-33		103
718	Involvement of Chk1 kinase in prophase I arrest of <i>Xenopus</i> oocytes. 1999 , 207, 432-44		45
717	Modeling transcriptional regulation using microinjection into <i>Xenopus</i> oocytes. 1999 , 17, 151-60		7
716	Identification of thyroid hormone transporters. 1999 , 254, 497-501		153
715	Translational recruitment of <i>Xenopus</i> maternal mRNAs in response to poly(A) elongation requires initiation factor eIF4G-1. 1999 , 206, 1-14		23
714	Purification and heterologous expression of inhibitory glycine receptors. 1999 , 294, 260-73		10
713	Comparative study of vitellogenesis in the anuran amphibians <i>Ceratophrys cranwelli</i> (Leptodactylidae) and <i>Bufo arenarum</i> (Bufonidae). 1999 , 7, 11-9		6
712	Two <i>Xenopus</i> proteins that bind the 3' end of histone mRNA: implications for translational control of histone synthesis during oogenesis. <i>Molecular and Cellular Biology</i> , 1999 , 19, 835-45	4.8	80
711	Selective degradation of targeted mRNAs using partially modified oligonucleotides. 2000 , 313, 420-36		6
710	Reversible depletion of specific RNAs by antisense oligodeoxynucleotide-targeted degradation in frog oocytes. 2000 , 313, 436-42		2
709	Expression of phototransduction proteins in <i>Xenopus</i> oocytes. 2000 , 316, 41-9		3
708	Toxic effect of the beta-amyloid precursor protein C-terminus fragment and Na ⁺ /Ca ²⁺ gradients. 2000 , 11, 3357-60		5
707	p68, a DEAD-box RNA helicase, is expressed in chordate embryo neural and mesodermal tissues. 2000 , 288, 193-204		20

706	alpha-Spectrin has a stage-specific asymmetrical localization during <i>Xenopus</i> oogenesis. 2000 , 55, 229-39		14
705	Signal transduction pathways triggered by fibroblast growth factor receptor 1 expressed in <i>Xenopus laevis</i> oocytes after fibroblast growth factor 1 addition. Role of Grb2, phosphatidylinositol 3-kinase, Src tyrosine kinase, and phospholipase Cgamma. 2000 , 267, 6256-63		47
704	Spatio-temporal expression of <i>Xenopus</i> vasa homolog, XVLG1, in oocytes and embryos: the presence of XVLG1 RNA in somatic cells as well as germline cells. <i>Development Growth and Differentiation</i> , 2000 , 42, 95-103	3	52
703	Egg envelope glycoprotein gp37 as a <i>Xenopus</i> homolog of mammalian ZP1, based on cDNA cloning. <i>Development Growth and Differentiation</i> , 2000 , 42, 419-27	3	16
702	Development and fine structure of the yolk nucleus of previtellogenic oocytes in the medaka <i>Oryzias latipes</i> . <i>Development Growth and Differentiation</i> , 2000 , 42, 623-31	3	19
701	Integration of laboratory exercises in developmental biology and neurobiology courses using the <i>Xenopus</i> oocyte expression system. 2000 , 24, 353-358		
700	On the discrepancy between whole-cell and membrane patch mechanosensitivity in <i>Xenopus</i> oocytes. 2000 , 523 Pt 1, 101-15		60
699	Activation of volume-regulated Cl(-) channels by ACh and ATP in <i>Xenopus</i> follicles. 2000 , 525 Pt 3, 721-34		16
698	Protein kinase C activation reduces the function of the Na(+):K(+):2Cl(-) cotransporter in <i>Xenopus laevis</i> oocytes. 2000 , 31, 21-7		7
697	Isolation and characterization of a novel liver-specific gene, hepassocin, upregulated during liver regeneration. 2000 , 1492, 31-44		33
696	Isolation and characterization of <i>Xenopus laevis</i> aldolase B cDNA and expression patterns of aldolase A, B and C genes in adult tissues, oocytes and embryos of <i>Xenopus laevis</i> . 2000 , 1493, 101-18		6
695	Effects of CI-1002 and CI-1017 on spontaneous synaptic activity and on the nicotinic acetylcholine receptor of <i>Torpedo</i> electric organ. 2000 , 390, 7-13		8
694	RNA-dependent cytoplasmic anchoring of a transcription factor subunit during <i>Xenopus</i> development. <i>EMBO Journal</i> , 2000 , 19, 3683-93	13	36
693	Nuclear envelope associated protein that binds telomeric DNAs. 2000 , 57, 16-25		19
692	Effects of antiarrhythmic drugs on cloned cardiac voltage-gated potassium channels expressed in <i>Xenopus</i> oocytes. 2000 , 362, 22-31		60
691	Structure, function and pharmacology of voltage-gated sodium channels. 2000 , 362, 453-79		106
690	Effects of exogenous actin-binding casein kinase injected in oocytes and eggs of <i>Xenopus laevis</i> . 2000 , 31, 9-14		
689	Characterization of whole-cell currents elicited by mechanical stimulation of <i>Xenopus</i> oocytes. 2000 , 440, 858-65		12

688	The Mos/MAPK pathway is involved in metaphase II arrest as a cytostatic factor but is neither necessary nor sufficient for initiating oocyte maturation in goldfish. 2000 , 210, 416-25		42
687	Alternative splicing of protein 4.1R exon 16: ordered excision of flanking introns ensures proper splice site choice. 2000 , 95, 692-699		19
686	Characterization of the thiazide-sensitive Na(+)-Cl(-) cotransporter: a new model for ions and diuretics interaction. 2000 , 279, F161-9		83
685	A high affinity fungal nitrate carrier with two transport mechanisms. 2000 , 275, 39894-9		49
684	ATP crossing the cell plasma membrane generates an ionic current in xenopus oocytes. 2000 , 275, 20268-73		42
683	Regulation of Xenopus p21-activated kinase (X-PAK2) by Cdc42 and maturation-promoting factor controls Xenopus oocyte maturation. 2000 , 275, 2367-75		33
682	Germ plasm and molecular determinants of germ cell fate. 2000 , 50, 155-81		151
681	Measurement of Cyclic AMP and Cyclic GMP in Xenopus Oocytes Stimulated with Angiotensin II and Atrial Natriuretic Factor. 2001 , 51, 363-77		2
680	Understanding oligonucleotide-mediated inhibition of gene expression in Xenopus laevis oocytes. <i>Nucleic Acids Research</i> , 2000 , 28, 1154-61	20.1	25
679	Functional comparison of the K ⁺ -Cl ⁻ cotransporters KCC1 and KCC4. 2000 , 275, 30326-34		138
678	Mechanism of electrogenic cation transport by the cloned organic cation transporter 2 from rat. 2000 , 275, 29413-20		73
677	Cloning of cDNA Encoding Thimet Oligopeptidase from Xenopus Oocytes and Regulation of the mRNA During Oogenesis. 2000 , 17, 431-436		1
676	A novel helicase-type protein in the nucleolus: protein NOH61. 2000 , 11, 1153-67		54
675	A novel gene family with a developmentally regulated expression in Xenopus laevis. 2000 , 267, 558-64		1
674	The targeting of Xcat2 mRNA to the germinal granules depends on a cis-acting germinal granule localization element within the 3'UTR. 2000 , 217, 221-9		68
673	Local movement in the S2 region of the voltage-gated potassium channel hKv2.1 studied using cysteine mutagenesis. 2000 , 78, 1852-61		17
672	4SR, a novel zinc-finger protein with SR-repeats, is expressed during early development of Xenopus. 2000 , 256, 293-302		8
671	Agonistic effects of the opioid buprenorphine on the nociceptin/OFQ receptor. 2000 , 21, 1141-6		78

670	Differential stereoselectivity of D- and L-myo-inositol 1,2,4, 5-tetrakisphosphate binding to the inositol 1,4,5-trisphosphate receptor and 3-kinase. 2000 , 37, 47-52	2
669	Xenopus oocytes as an expression system for plant transporters. 2000 , 1465, 343-58	64
668	Sensitivity of native and cloned hippocampal delayed-rectifier potassium channels to verapamil. 2000 , 39, 202-10	21
667	The effect of cadmium on oogenesis in <i>Xenopus laevis</i> . 2000 , 41, 1651-8	32
666	DEADSouth is a germ plasm specific DEAD-box RNA helicase in <i>Xenopus</i> related to eIF4A. 2000 , 95, 291-5	69
665	Xotx1 maternal transcripts are vegetally localized in <i>Xenopus laevis</i> oocytes. 2000 , 90, 111-4	23
664	Angiotensin Protocols. 2000 ,	
663	The use of <i>Xenopus laevis</i> oocytes for the functional characterization of heterologously expressed membrane proteins. 2000 , 10, 1-12	158
662	Comparative aspects of animal oogenesis. 2001 , 231, 291-320	239
661	CPEB degradation during <i>Xenopus</i> oocyte maturation requires a PEST domain and the 26S proteasome. 2001 , 231, 447-58	77
660	Expression of axolotl DAZL RNA, a marker of germ plasm: widespread maternal RNA and onset of expression in germ cells approaching the gonad. 2001 , 234, 402-15	79
659	c-Mos proteolysis is independent of the CA(2+) rise induced by 6-DMAP in <i>Xenopus</i> oocytes. 2001 , 266, 187-92	2
658	Cloning and characterization of Plx2 and Plx3, two additional Polo-like kinases from <i>Xenopus laevis</i> . 2001 , 270, 78-87	27
657	Structural organization of the hepatitis B virus minichromosome. 2001 , 307, 183-96	238
656	RNA localization and germ cell determination in <i>Xenopus</i> . 2001 , 203, 63-91	107
655	Electrophysiological and hemolytic activity elicited by the venom of the jellyfish <i>Cassiopea xamachana</i> . 2001 , 39, 1297-307	37
654	Effects of thermal regime on ovarian maturation and plasma sex steroids in farmed white sturgeon, <i>Acipenser transmontanus</i> . 2001 , 201, 137-151	49
653	Brix from <i>xenopus laevis</i> and brx1p from yeast define a new family of proteins involved in the biogenesis of large ribosomal subunits. 2001 , 382, 1637-47	29

- 652 Ultrastructure of the follicular oocyte surface in *Rana dybowskii*. **2001**, 5, 45-50
- 651 Molecular basis of mechanotransduction in living cells. **2001**, 81, 685-740 916
- 650 Functional and molecular characterization of the K-Cl cotransporter of *Xenopus laevis* oocytes. **2001**, 281, C670-80 29
- 649 Intracellular trafficking/membrane targeting of human reduced folate carrier expressed in *Xenopus* oocytes. **2001**, 281, G1477-86 19
- 648 Alternatively spliced isoform of apical Na(+)-K(+)-Cl(-) cotransporter gene encodes a furosemide-sensitive Na(+)-Cl(-)cotransporter. **2001**, 280, F574-82 52
- 647 Effects of bis(7)-tacrine on spontaneous synaptic activity and on the nicotinic ACh receptor of Torpedo electric organ. **2001**, 86, 183-9 18
- 646 Divergence of volatile anesthetic effects in inhibitory neurotransmitter receptors. **2001**, 94, 1026-33 13
- 645 Transgenic *Xenopus* Production. **2001**,
- 644 Blocking effects of the antiarrhythmic drug propafenone on the HERG potassium channel. **2001**, 363, 472-80 35
- 643 Investigating the surface expression of the renal type IIa Na⁺/Pi-cotransporter in *Xenopus laevis* oocytes. **2001**, 180, 83-90 4
- 642 X-Serrate-1 is involved in primary neurogenesis in *Xenopus laevis* in a complementary manner with X-Delta-1. **2001**, 211, 367-76 17
- 641 Cysteine string proteins are associated with cortical granules of *Xenopus laevis* oocytes. **2001**, 303, 211-9 7
- 640 Ecto enzymatic breakdown of diadenosine polyphosphates by *Xenopus laevis* oocytes. **2001**, 268, 1289-97 9
- 639 Primary structure and developmental expression of *Bufo arenarum* cellular nucleic acid-binding protein: changes in subcellular localization during early embryogenesis. *Development Growth and Differentiation*, **2001**, 43, 13-23 3 20
- 638 Expression and functional characterization of the mt1 melatonin receptor from rat brain in *Xenopus* oocytes: evidence for coupling to the phosphoinositol pathway. **2001**, 30, 139-46 13
- 637 Covariance of ion flux measurements allows new interpretation of *Xenopus laevis* oocyte physiology. **2001**, 290, 652-61 13
- 636 Evaluation of a reproductive toxicity assay using *Xenopus laevis*: boric acid, cadmium and ethylene glycol monomethyl ether. **2001**, 21, 41-52 30
- 635 Low-density caveolae-like membrane from *Xenopus laevis* oocytes is enriched in Ras. **2001**, 83, 21-32 15

634	Rapid functional analysis in <i>Xenopus</i> oocytes of Po protein adhesive interactions. 2001 , 26, 703-12		5
633	Primary structure and developmental expression of Dp ZP2, a vitelline envelope glycoprotein homolog of mouse ZP2, in <i>Discoglossus pictus</i> , one of the oldest living Anuran species. 2001 , 59, 133-43		10
632	A proline-rich protein binds to the localization element of <i>Xenopus</i> Vg1 mRNA and to ligands involved in actin polymerization. <i>EMBO Journal</i> , 2001 , 20, 2315-25	13	68
631	<i>Xenopus tropicalis</i> oocytes as an advantageous model system for the study of intracellular Ca(2+) signalling. 2001 , 132, 1396-410		17
630	The pharmacology of novel acetylcholinesterase inhibitors, (+/-)-huprines Y and X, on the Torpedo electric organ. 2001 , 421, 77-84		7
629	Transduction cascades initiated by fibroblast growth factor 1 on <i>Xenopus</i> oocytes expressing MDA-MB-231 mRNAs. Role of Grb2, phosphatidylinositol 3-kinase, Src tyrosine kinase, and phospholipase Cgamma. 2001 , 13, 363-8		17
628	The large cytoplasmic loop of the glucose transporter GLUT1 is an essential structural element for function. 2001 , 382, 1551-8		15
627	A novel karyoskeletal protein: characterization of protein NO145, the major component of nucleolar cortical skeleton in <i>Xenopus</i> oocytes. 2001 , 12, 3904-18		13
626	Visualization of progesterone binding to plasma membrane of <i>xenopus</i> oocytes. 2001 , 5, 51-57		
625	Developmental gonadal expression of the transcription factor SET and its target gene, P450c17 (17alpha-hydroxylase/c17,20 lyase). 2001 , 20, 613-24		33
624	Developmentally-regulated packaging of mitochondrial DNA by the HMG-box protein mtTFA during <i>Xenopus</i> oogenesis. <i>Nucleic Acids Research</i> , 2001 , 29, 2822-8	20.1	31
623	Biochemical identification of <i>Xenopus Pumilio</i> as a sequence-specific cyclin B1 mRNA-binding protein that physically interacts with a Nanos homolog, Xcat-2, and a cytoplasmic polyadenylation element-binding protein. 2001 , 276, 20945-53		136
622	Confocal microscopy analysis of the activity of mitochondria contained within the 'mitochondrial cloud' during oogenesis in <i>Xenopus laevis</i> . 2001 , 9, 347-52		35
621	Functional properties of the apical Na ⁺ -K ⁺ -2Cl ⁻ cotransporter isoforms. 2002 , 277, 11004-12		96
620	Aldosterone signaling pathway across the nuclear envelope. 2002 , 99, 7154-9		48
619	Ca ²⁺ -inactivated Cl ⁻ channels in <i>Xenopus laevis</i> oocytes. 2002 , 53, 41-55		1
618	A homolog of FBP2/KSRP binds to localized mRNAs in <i>Xenopus</i> oocytes. <i>Development (Cambridge)</i> , 2002 , 129, 5609-19	6.6	60
617	Symplekin, a constitutive protein of karyo- and cytoplasmic particles involved in mRNA biogenesis in <i>Xenopus laevis</i> oocytes. 2002 , 13, 1665-76		72

616	Ultrastructural characteristics of the follicle cell-oocyte interface in the oogenesis of <i>Ceratophrys cranwelli</i> . 2002 , 10, 163-73		5
615	Heterologous expression of ion channels. <i>Methods in Molecular Biology</i> , 2003 , 217, 285-94	1.4	6
614	Phosphorylation of <i>Xenopus</i> transcription factor IIIA by an oocyte protein kinase CK2. 2002 , 362, 375-82		8
613	Biliverdin during <i>Xenopus laevis</i> oogenesis and early embryogenesis. 2002 , 41, 10115-22		5
612	rDNA transcription during <i>Xenopus laevis</i> oogenesis. 2002 , 290, 1151-60		4
611	Characterization of MPF and MAPK activities during meiotic maturation of <i>Xenopus tropicalis</i> oocytes. 2002 , 245, 348-61		22
610	Confocal fluorescence microscopy of the cytoskeleton of amphibian oocytes and embryos. 2002 , 70, 379-416		2
609	Neurogenetics. 2002 ,		
608	Modelling Alzheimer-specific abnormal Tau phosphorylation independently of GSK3beta and PKA kinase activities. 2002 , 516, 151-5		18
607	Oocytes and embryos of <i>Xenopus laevis</i> express two different isoforms of germ cell nuclear factor (GCNF, NR6A1). 2002 , 118, 261-4		3
606	On the formation of amplified nucleoli during early <i>Xenopus</i> oogenesis. 2002 , 140, 214-26		17
605	HIRA is critical for a nucleosome assembly pathway independent of DNA synthesis. 2002 , 9, 1091-100		316
604	Characterization of the O-GlcNAc protein modification in <i>Xenopus laevis</i> oocyte during oogenesis and progesterone-stimulated maturation. 2002 , 1573, 121-9		28
603	Poly(A)(+) RNA encoding proteins capable of transporting L-methionine and/or DL-2-hydroxy-4-(methylthio) butanoic acid are present in the intestinal mucosa of broilers. 2002 , 132, 382-6		10
602	Functional differences between flounder and rat thiazide-sensitive Na-Cl cotransporter. 2002 , 282, F599-607		27
601	Ovarian steroidogenesis in white sturgeon (<i>Acipenser transmontanus</i>) during oocyte maturation and induced ovulation. 2002 , 129, 27-38		28
600	InsP(3)-mediated calcium release induced by heterologous expression of total chicory Leaf RNA. 2002 , 94, 545-52		
599	Melatonin receptors in rat hippocampus: molecular and functional investigations. 2002 , 12, 165-73		139

598	Survivin mRNA is down-regulated during early <i>Xenopus laevis</i> embryogenesis. <i>Developmental Dynamics</i> , 2002 , 225, 597-601	2.9	18
597	Calcium-dependent acetylcholine release from <i>Xenopus</i> oocytes: simultaneous ionic currents and acetylcholine release recordings. 2002 , 16, 1442-8		10
596	Possible role of the 38 kDa protein, lacking in the gastrula-arrested <i>Xenopus</i> mutant, in gastrulation. <i>Development Growth and Differentiation</i> , 2002 , 44, 23-33	3	3
595	Bidder's organ in the toad <i>Bufo marinus</i> : effects of orchidectomy on the morphology and expression of lamina-associated polypeptide 2. <i>Development Growth and Differentiation</i> , 2002 , 44, 527-33		17
594	Two novel genes expressed in <i>Xenopus</i> germ line: characteristic features of putative protein structures, their gene expression profiles and their possible roles in gametogenesis and embryogenesis. 2002 , 62, 421-30		10
593	Protein Kinase Activities Associated with Actin Cytoskeleton in <i>Xenopus laevis</i> Oocytes and Eggs. 2003 , 34, 84-91		2
592	Purification and characterization of Mr 43,000 protein similar to Mr 25,000 protein, a substrate for protein Ser/Thr kinases, identified as a part of <i>Xenopus laevis</i> vitellogenin B1. 2003 , 22, 571-83		5
591	Members of the aquaporin family in the developing pea seed coat include representatives of the PIP, TIP, and NIP subfamilies. 2003 , 53, 633-45		69
590	Passive transport of macromolecules through <i>Xenopus laevis</i> nuclear envelope. 2003 , 196, 147-55		15
589	1,10-Phenanthroline phosphorylates (activates) MAP kinase in <i>Xenopus</i> oocytes. 2003 , 15, 1139-47		4
588	Expression of cell-cycle regulators during <i>Xenopus</i> oogenesis. 2003 , 3, 165-8		17
587	Apparent mitochondrial asymmetry in <i>Xenopus</i> eggs. <i>Developmental Dynamics</i> , 2003 , 226, 654-62	2.9	9
586	Protein synthesis is required for the transition to Ca(2+)-dependent regulated secretion in progesterone-matured <i>Xenopus</i> oocytes. 2003 , 300, 113-25		5
585	Electrophysiological, mechanosensitive responses of <i>Xenopus laevis</i> oocytes to direct, isotonic increase in intracellular volume. 2003 , 125, 103-11		6
584	Gene expression and functional characterization of melatonin receptors in the spinal cord of the rat: implications for pain modulation. 2003 , 35, 24-31		61
583	Immunocytochemical study of activin type IB receptor (XALK4) in <i>Xenopus</i> oocytes. <i>Development Growth and Differentiation</i> , 2003 , 45, 113-9	3	7
582	Developmental role of HMGN proteins in <i>Xenopus laevis</i> . 2003 , 120, 1177-92		30
581	Extracts from plants used in Mexican traditional medicine activate Ca(2+)-dependent chloride channels in <i>Xenopus laevis</i> oocytes. 2003 , 10, 416-21		2

580	Housing and husbandry of <i>Xenopus</i> for oocyte production. 2003 , 32, 34-9	30
579	Injection of exogenous RNA in amphibian oocytes leads to RNA level fluctuations which are sensitive to cordycepin, an RNA chain elongation terminator. 2003 , 326, 1135-47	2
578	Identification of new Xlsirt family members in the <i>Xenopus laevis</i> oocyte. 2003 , 120, 503-9	14
577	Involvement of <i>Xenopus Pumilio</i> in the translational regulation that is specific to cyclin B1 mRNA during oocyte maturation. 2003 , 120, 865-80	98
576	<i>Xenopus</i> nucleosome assembly protein becomes tissue-restricted during development and can alter the expression of specific genes. 2003 , 120, 1045-57	22
575	Molecular cloning and characterization of a novel inhibitor of apoptosis protein from <i>Xenopus laevis</i> . 2003 , 301, 236-42	10
574	The <i>Xenopus</i> B2 factor involved in TFIIIA gene regulation is closely related to Sp1 and interacts in a complex with USF. 2003 , 305, 205-15	9
573	Sequencing and characterization of the <i>Xenopus laevis</i> ribosomal protein L34 cDNA. 2003 , 318, 163-7	3
572	Inhibition of gonadotropin-induced oviposition and ovarian steroidogenesis in the African clawed frog (<i>Xenopus laevis</i>) by the pesticide methoxychlor. 2003 , 62, 179-94	32
571	<i>Xenopus</i> autosomal recessive hypercholesterolemia protein couples lipoprotein receptors with the AP-2 complex in oocytes and embryos and is required for vitellogenesis. 2003 , 278, 44584-92	14
570	Molecular site of action of the antiarrhythmic drug propafenone at the voltage-operated potassium channel Kv2.1. 2003 , 63, 547-56	12
569	<i>Xenopus</i> cold-inducible RNA-binding protein 2 interacts with ElrA, the <i>Xenopus</i> homolog of HuR, and inhibits deadenylation of specific mRNAs. 2003 , 278, 48491-7	31
568	Lipids during <i>Bufo arenarum</i> oogenesis. 2003 , 11, 95-100	5
567	Thyroid hormone transport by the rat fatty acid translocase. 2003 , 144, 1315-23	15
566	Multiple splice variants encode a novel adenylyl cyclase of possible plastid origin expressed in the sexual stage of the malaria parasite <i>Plasmodium falciparum</i> . 2003 , 278, 22014-22	54
565	The Roboocyte: Automated cDNA/mRNA Injection and Subsequent TEVC Recording on <i>Xenopus</i> Oocytes in 96-Well Microtiter Plates. 2003 , 9, 41-48	18
564	Xp42(Mpk1) activation is not required for germinal vesicle breakdown but for Raf complete phosphorylation in insulin-stimulated <i>Xenopus</i> oocytes. 2003 , 278, 49714-20	19
563	Protein kinase A phosphorylation modulates transport of the polypyrimidine tract-binding protein. 2003 , 100, 8776-81	147

562	Pre-M phase-promoting factor associates with annulate lamellae in <i>Xenopus</i> oocytes and egg extracts. 2003 , 14, 1125-37		19
561	Role of cdc2 kinase phosphorylation and conserved N-terminal proteolysis motifs in cytoplasmic polyadenylation-element-binding protein (CPEB) complex dissociation and degradation. 2003 , 370, 91-100		23
560	Kainate-triggered currents in <i>Xenopus</i> oocytes injected with chick retinal membrane fragments: effect of guanine nucleotides. 2003 , 44, 3124-9		6
559	cAMP-dependent activation of the renal-specific Na ⁺ -K ⁺ -2Cl ⁻ cotransporter is mediated by regulation of cotransporter trafficking. 2003 , 284, F1145-54		49
558	Pathophysiology of functional mutations of the thiazide-sensitive Na-Cl cotransporter in Gitelman disease. 2004 , 287, F195-203		70
557	Histological characterization of cellular types during <i>Scinax fuscovarius</i> oogenesis (Lutz) (Anura, Hylidae). 2004 , 21, 919-923		9
556	Ion and diuretic specificity of chimeric proteins between apical Na ⁽⁺⁾ -K ⁽⁺⁾ -2Cl ⁽⁻⁾ and Na ⁽⁺⁾ -Cl ⁽⁻⁾ cotransporters. 2004 , 287, F570-7		18
555	Arrested development in <i>Xenopus laevis</i> tadpoles: how size constrains metamorphosis. 2004 , 207, 2133-45		41
554	Two distinct Staufen isoforms in <i>Xenopus</i> are vegetally localized during oogenesis. 2004 , 10, 1751-63		51
553	Nuclear RNP complex assembly initiates cytoplasmic RNA localization. 2004 , 165, 203-11		105
552	Stimulation of <i>Xenopus laevis</i> oocyte maturation by methyl-beta-cyclodextrin. 2004 , 70, 1685-92		21
551	Polo-like kinase confers MPF autoamplification competence to growing <i>Xenopus</i> oocytes. <i>Development (Cambridge)</i> , 2004 , 131, 1543-52	6.6	33
550	<i>Xenopus</i> Staufen is a component of a ribonucleoprotein complex containing Vg1 RNA and kinesin. <i>Development (Cambridge)</i> , 2004 , 131, 3035-45	6.6	110
549	Evaluation of the developmental and reproductive toxicity of methoxychlor using an anuran (<i>Xenopus tropicalis</i>) chronic exposure model. 2004 , 81, 443-53		39
548	NO66, a highly conserved dual location protein in the nucleolus and in a special type of synchronously replicating chromatin. 2004 , 15, 1816-32		47
547	Effect of methoxychlor on various life stages of <i>Xenopus laevis</i> . 2004 , 81, 454-66		35
546	Emi1-mediated M-phase arrest in <i>Xenopus</i> eggs is distinct from cytostatic factor arrest. 2004 , 101, 12531-6		48
545	Cross-talk between native plasmalemmal Na ⁺ /Ca ²⁺ exchanger and inositol 1,4,5-trisphosphate-sensitive Ca ²⁺ internal store in <i>Xenopus</i> oocytes. 2004 , 279, 52414-24		19

544	Localization of RNAs to the mitochondrial cloud in <i>Xenopus</i> oocytes through entrapment and association with endoplasmic reticulum. 2004 , 15, 4669-81		128
543	Automated higher-throughput compound screening on ion channel targets based on the <i>Xenopus laevis</i> oocyte expression system. 2004 , 2, 515-24		22
542	Functional characterization of an insulin-responsive glucose transporter (GLUT4) from fish adipose tissue. 2004 , 287, E348-57		48
541	The <i>Xenopus laevis</i> cortical granule lectin: cDNA cloning, developmental expression, and identification of the eglectin family of lectins. 2004 , 137, 115-29		16
540	Expression of P450 aromatase protein in developing and in sex-reversed gonads of the XX/XY type of the frog <i>Rana rugosa</i> . 2004 , 137, 227-36		38
539	How does <i>Xenopus</i> oocyte acquire its competence to undergo meiotic maturation?. 2004 , 96, 187-92		16
538	Contribution of the cytoskeleton and the phospholipase C signaling pathway to fluid stream-induced membrane currents. 2004 , 35, 333-43		3
537	Expression of delta-lactoferrin induces cell cycle arrest. 2004 , 17, 325-9		21
536	A novel gene, the protein product of which is mainly expressed in germline cells and in the dorsal structures of <i>Xenopus</i> . 2004 , 214, 89-95		3
535	Spatio-temporal expression of a DAZ-like gene in the Japanese newt <i>Cynops pyrrhogaster</i> that has no germ plasm. 2004 , 214, 615-27		18
534	Transient permeability leak of nuclear envelope induced by aldosterone. 2004 , 199, 135-41		7
533	Kinetics of beta-funaltrexamine binding to wild-type and mutant mu-opioid receptors expressed in Chinese hamster ovary cells. 2004 , 52, 123-35		3
532	Tracing of <i>Xenopus tropicalis</i> germ plasm and presumptive primordial germ cells with the <i>Xenopus tropicalis</i> DAZ-like gene. <i>Developmental Dynamics</i> , 2004 , 229, 367-72	2.9	14
531	Pattern and rate of ovary differentiation with reference to somatic development in anuran amphibians. <i>Journal of Morphology</i> , 2004 , 259, 41-54	1.6	100
530	Effects of atrazine on metamorphosis, growth, and gonadal development in the green frog (<i>Rana clamitans</i>). 2004 , 67, 941-57		62
529	Polarized distribution of mRNAs encoding a putative LDL receptor adaptor protein, xARH (autosomal recessive hypercholesterolemia) in <i>Xenopus</i> oocytes. 2004 , 121, 1249-58		6
528	Organic Metal and Metalloid Species in the Environment. 2004 ,		12
527	Tyr-298 in ephrinB1 is critical for an interaction with the Grb4 adaptor protein. 2004 , 377, 499-507		23

526	Involvement of Xtr (Xenopus tudor repeat) in microtubule assembly around nucleus and karyokinesis during cleavage in <i>Xenopus laevis</i> . <i>Development Growth and Differentiation</i> , 2005 , 47, 109-117	10
525	Blockade of glutamatergic and GABAergic receptor channels by trimethyltin chloride. 2005 , 144, 283-92	16
524	Effect of galantamine on the human alpha7 neuronal nicotinic acetylcholine receptor, the Torpedo nicotinic acetylcholine receptor and spontaneous cholinergic synaptic activity. 2005 , 145, 672-8	34
523	Purification, cDNA cloning, and expression profiles of the cyclobutane pyrimidine dimer photolyase of <i>Xenopus laevis</i> . 2005 , 272, 6098-108	5
522	The distinct stage-specific effects of 2-(p-aminocinnamoyl)amino-4-chlorobenzoic acid on the activation of MAP kinase and Cdc2 kinase in <i>Xenopus</i> oocyte maturation. 2005 , 17, 507-23	2
521	Emerin expression in early development of <i>Xenopus laevis</i> . 2005 , 84, 295-309	12
520	Protein NO52--a constitutive nucleolar component sharing high sequence homologies to protein NO66. 2005 , 84, 279-94	41
519	Evi-1 expression in <i>Xenopus</i> . 2005 , 5, 601-8	14
518	Epithelium and/or theca are required for ATP-elicited K ⁺ current in follicle-enclosed <i>Xenopus</i> oocytes. 2005 , 202, 814-21	10
517	Roles of Slc13a1 and Slc26a1 sulfate transporters of eel kidney in sulfate homeostasis and osmoregulation in freshwater. 2005 , 289, R575-R585	34
516	"Optical patch-clamping": single-channel recording by imaging Ca ²⁺ flux through individual muscle acetylcholine receptor channels. 2005 , 126, 179-92	91
515	Interaction between constitutively expressed heat shock protein, Hsc 70, and cysteine string protein is important for cortical granule exocytosis in <i>Xenopus</i> oocytes. 2005 , 280, 32669-75	15
514	A novel chloride channel in <i>Drosophila melanogaster</i> is inhibited by protons. 2005 , 280, 16254-62	45
513	40LoVe interacts with Vg1RBP/Vera and hnRNP I in binding the Vg1-localization element. 2006 , 12, 213-22	28
512	Signal recognition particle assembly in relation to the function of amplified nucleoli of <i>Xenopus</i> oocytes. <i>Journal of Cell Science</i> , 2005 , 118, 1299-307	5-3 27
511	Assessment of laryngeal muscle and testicular cell types in <i>Xenopus laevis</i> (Anura Pipidae) inhabiting maize and non-maize growing areas of South Africa. 2005 , 54, 69-76	30
510	New method to measure water permeability in emptied-out <i>Xenopus</i> oocytes controlling conditions on both sides of the membrane. 2005 , 63, 187-200	9
509	Stage-specific expression of microRNAs during <i>Xenopus</i> development. 2005 , 579, 318-24	132

508	Evidence for common machinery utilized by the early and late RNA localization pathways in <i>Xenopus</i> oocytes. 2005 , 278, 103-17		29
507	Differential roles of p39Mos-Xp42Mpk1 cascade proteins on Raf1 phosphorylation and spindle morphogenesis in <i>Xenopus</i> oocytes. 2005 , 283, 373-83		15
506	Time and concentration dependent accumulation of [3H]-deltamethrin in <i>Xenopus laevis</i> oocytes. 2005 , 157, 79-88		12
505	Gonadal development of larval male <i>Xenopus laevis</i> exposed to atrazine in outdoor microcosms. 2005 , 39, 5255-61		62
504	<i>Xenopus</i> Protocols. <i>Methods in Molecular Biology</i> , 2006 ,	1.4	11
503	The physiology of the <i>Xenopus laevis</i> ovary. <i>Methods in Molecular Biology</i> , 2006 , 322, 17-30	1.4	36
502	13 Protein L-isoaspartyl, D-aspartyl O-methyltransferases: Catalysts for protein repair. 2006 , 24, 385-433		9
501	Cytoplasmic mRNA polyadenylation and translation assays. <i>Methods in Molecular Biology</i> , 2006 , 322, 183-198		13
500	Terminology of Gonadal Anomalies in Fish and Amphibians Resulting from Chemical Exposures. 2006 , 103-131		9
499	Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas. 2006 , 76, 230-45		100
498	Persistent sex-reversal and oviducal agenesis in adult <i>Xenopus (Silurana) tropicalis</i> frogs following larval exposure to the environmental pollutant ethynylestradiol. 2006 , 79, 356-65		57
497	Atomic force microscopy imaging of actin cortical cytoskeleton of <i>Xenopus laevis</i> oocyte. 2006 , 223, 57-65		10
496	In-cell NMR spectroscopy of proteins inside <i>Xenopus laevis</i> oocytes. 2006 , 36, 179-88		100
495	Re-localization of nuclear DNA helicase II during the growth period of bovine oocytes. 2006 , 125, 155-64		4
494	Expression of HMGA2 variants during oogenesis and early embryogenesis of <i>Xenopus laevis</i> . 2006 , 85, 519-28		12
493	Plugs in nuclear pores: transcripts in early oocyte development identified with nanotechniques. 2006 , 98, 567-76		7
492	Intracellular acidification delays hormonal G2/M transition and inhibits G2/M transition triggered by thiophosphorylated MAPK in <i>Xenopus</i> oocytes. 2006 , 98, 287-300		15
491	Atomic force microscopy characterization of <i>Xenopus laevis</i> oocyte plasma membrane. 2006 , 69, 826-34		7

490	KSR regulation of the Raf-MEK-ERK cascade. 2006 , 407, 224-37	15
489	Activity of the renal Na ⁺ -K ⁺ -2Cl ⁻ cotransporter is reduced by mutagenesis of N-glycosylation sites: role for protein surface charge in Cl ⁻ transport. 2006 , 290, F1094-102	50
488	Affinity-defining domains in the Na-Cl cotransporter: a different location for Cl ⁻ and thiazide binding. 2006 , 281, 17266-17275	42
487	Xenopus CDC7/DRF1 complex is required for the initiation of DNA replication. 2006 , 281, 11569-76	21
486	WNK3 bypasses the tonicity requirement for K-Cl cotransporter activation via a phosphatase-dependent pathway. 2006 , 103, 1976-81	100
485	A role for myosin 1e in cortical granule exocytosis in Xenopus oocytes. 2007 , 282, 29504-13	16
484	Assembly of the Yin Yang 1 transcription factor into messenger ribonucleoprotein particles requires direct RNA binding activity. 2007 , 282, 37913-20	16
483	Ultrastructural changes in the follicular epithelium of <i>Ceratophrys cranwelli</i> previtellogenic oocytes. 2007 , 15, 273-83	4
482	The endogenous cannabinoid anandamide inhibits cromakalim-activated K ⁺ currents in follicle-enclosed Xenopus oocytes. 2007 , 323, 547-54	15
481	Assembly of ovarian follicles in the caecilians <i>Ichthyophis tricolor</i> and <i>Gegeneophis ramaswamii</i> : light and transmission electron microscopic study. 2007 , 15, 199-213	6
480	Mass-spectrometric identification of proteins detected in forskolin-stimulated Xenopus laevis oocytes using antibody against phospho-(Ser/Thr) cAMP-dependent protein kinase substrate. 2007 , 28, 231-8	2
479	Cyclin E2 is required for embryogenesis in Xenopus laevis. 2007 , 310, 341-7	10
478	Passage of 17 kDa calmodulin through gap junctions of three vertebrate species. 2007 , 39, 303-9	12
477	Exogenous protein expression in Xenopus oocytes: basic procedures. <i>Methods in Molecular Biology</i> , 2007 , 375, 107-31	1.4 30
476	In Vitro Transcription and Translation Protocols. 2007 ,	3
475	Asymmetric distribution of metals in the Xenopus laevis oocyte: a synchrotron X-ray fluorescence microprobe study. 2007 , 85, 537-42	10
474	Xenopus as a model to study alternative splicing in vivo. 2007 , 99, 55-65	7
473	Translational control of maskin mRNA by its 3' untranslated region. 2007 , 99, 239-50	15

472	The hypothalamic-pituitary-thyroid (HPT) axis in frogs and its role in frog development and reproduction. 2007 , 37, 117-61		60
471	Implication of gap junction coupling in amphibian vitellogenin uptake. 2007 , 15, 149-57		10
470	Measurement of glycogen synthase activity in crude extracts by CE. 2007 , 28, 2888-92		4
469	Ultrastructural observations of previtellogenic ovarian follicles of the caecilians <i>Ichthyophis tricolor</i> and <i>Gegeneophis ramaswamii</i> . <i>Journal of Morphology</i> , 2007 , 268, 329-42	1.6	9
468	Simple and inexpensive hardware and software method to measure volume changes in <i>Xenopus</i> oocytes expressing aquaporins. 2007 , 161, 301-5		10
467	Cellular distribution of Mr 25,000 protein, a protein partially overlapping phosphovitin and lipovitellin 2 in vitellogenin B1, and yolk proteins in <i>Xenopus laevis</i> oocytes and embryos. 2007 , 148, 621-8		4
466	Basic aspects of ovarian development in <i>Drosophila melanogaster</i> . 2007 , 43, 1120-1134		15
465	A novel amphibian tier 2 testing protocol: a 30-week exposure of <i>Xenopus tropicalis</i> to the antiandrogen flutamide. 2007 , 26, 555-64		9
464	DNase I-resistant DNA-dependent protein kinase activity in <i>Xenopus</i> oocytes. 2008 , 309, 33-40		3
463	Stages in follicle cell/oocyte interface during vitellogenesis in caecilians <i>Ichthyophis tricolor</i> and <i>Gegeneophis ramaswamii</i> : a transmission electron-microscopic study. 2008 , 331, 519-28		6
462	Guanine nucleotides, including GMP, antagonize kainate responses in <i>Xenopus</i> oocytes injected with chick cerebellar membranes. 1999 , 72, 2170-6		8
461	Atomic force microscopy imaging of <i>Xenopus laevis</i> oocyte plasma membrane purified by ultracentrifugation. 2008 , 71, 397-402		6
460	Maternal control of pattern formation in <i>Xenopus laevis</i> . 2008 , 310, 73-84		53
459	Accumulation of yolk in a caecilian (<i>Gegeneophis ramaswamii</i>) oocyte: a light and transmission electron microscopic study. <i>Journal of Morphology</i> , 2008 , 269, 1412-24	1.6	7
458	Cloning and functional characterization of two key enzymes of glycosphingolipid biosynthesis in the amphibian <i>Xenopus laevis</i> . <i>Developmental Dynamics</i> , 2008 , 237, 112-23	2.9	3
457	Sex-specific expression of SOX9 during gonadogenesis in the amphibian <i>Xenopus tropicalis</i> . <i>Developmental Dynamics</i> , 2008 , 237, 2996-3005	2.9	34
456	Nuclear and cytoplasmic organization in <i>Xenopus</i> oocytes after disruption of actin filaments by latrunculin. 2008 , 2, 300-310		1
455	The PR55 and PR65 Subunits of Protein Phosphatase 2A from <i>Xenopus laevis</i> . 2008 , 230, 1037-1045		2

454	Cellular origin of the <i>Bufo arenarum</i> sperm receptor gp75, a ZP2 family member: its proteolysis after fertilization. 2008 , 100, 219-30		2
453	Barium, TEA and sodium sensitive potassium channels are present in the human placental syncytiotrophoblast apical membrane. 2008 , 29, 883-91		10
452	Anuran and pig egg zona pellucida glycoproteins in fertilization and early development. 2008 , 52, 683-701		47
451	More gating charges are needed to open a Shaker K ⁺ channel than are needed to open an rBIIA Na ⁺ channel. 2008 , 95, 1165-75		8
450	Development of selective blockers for Ca ²⁺ (+)-activated Cl channel using <i>Xenopus laevis</i> oocytes with an improved drug screening strategy. 2008 , 1, 14		14
449	Working with oocyte nuclei: cytological preparations of active chromatin and nuclear bodies from amphibian germinal vesicles. <i>Methods in Molecular Biology</i> , 2008 , 463, 55-66	1.4	8
448	Endocrine disrupting chemicals (EDC) with (anti)estrogenic and (anti)androgenic modes of action affecting reproductive biology of <i>Xenopus laevis</i> : II. Effects on gonad histomorphology. 2008 , 147, 241-51		39
447	<i>Xenopus</i> oocytes as a heterologous expression system for studying ion channels with the patch-clamp technique. <i>Methods in Molecular Biology</i> , 2008 , 491, 127-39	1.4	15
446	Biochemical characterization of Yin Yang 1-RNA complexes. 2008 , 86, 31-6		15
445	PTB/hnRNP I is required for RNP remodeling during RNA localization in <i>Xenopus</i> oocytes. <i>Molecular and Cellular Biology</i> , 2008 , 28, 678-86	4.8	43
444	NEP-A and NEP-B both contribute to nuclear pore formation in <i>Xenopus</i> eggs and oocytes. <i>Journal of Cell Science</i> , 2008 , 121, 706-16	5.3	13
443	Functional interaction between native G protein-coupled purinergic receptors in <i>Xenopus</i> follicles. 2009 , 106, 16680-5		12
442	Translational control during early development. 2009 , 90, 211-54		15
441	Reproductive maturation of the tropical clawed frog: <i>Xenopus tropicalis</i> . 2009 , 160, 117-23		30
440	Comparative expression analysis of multiple PDK genes in <i>Xenopus laevis</i> during oogenesis, maturation, fertilization, and early embryogenesis. 2009 , 9, 158-65		4
439	Protein 4.1 and its interaction with other cytoskeletal proteins in <i>Xenopus laevis</i> oogenesis. 2009 , 88, 343-56		6
438	Working map of the lampbrush chromosomes of <i>Xenopus tropicalis</i> : a new tool for cytogenetic analyses. <i>Developmental Dynamics</i> , 2009 , 238, 1492-501	2.9	12
437	The shroom family proteins play broad roles in the morphogenesis of thickened epithelial sheets. <i>Developmental Dynamics</i> , 2009 , 238, 1480-91	2.9	41

436	Morphology of skin incubation in <i>Pipa carvalhoi</i> (Anura: Pipidae). <i>Journal of Morphology</i> , 2009 , 270, 1311-16	13
435	Changes in localization and expression levels of Shroom2 and spectrin contribute to variation in amphibian egg pigmentation patterns. 2009 , 219, 319-30	5
434	Survey of O-GlcNAc level variations in <i>Xenopus laevis</i> from oogenesis to early development. 2009 , 26, 301-11	17
433	Intermittent contact mode AFM investigation of native plasma membrane of <i>Xenopus laevis</i> oocyte. 2009 , 38, 903-10	8
432	Degeneration of germ line cells in amphibian ovary. 2009 , 91, 319	7
431	Molecular and functional characterization of <i>Xenopus laevis</i> N-methyl-d-aspartate receptors. 2009 , 42, 116-27	6
430	Sex reversal of the amphibian, <i>Xenopus tropicalis</i> , following larval exposure to an aromatase inhibitor. 2009 , 91, 143-50	51
429	Interactions of 40LoVe within the ribonucleoprotein complex that forms on the localization element of <i>Xenopus</i> Vg1 mRNA. 2009 , 126, 523-38	15
428	Modulation of Hsf1 activity by novobiocin and geldanamycin. 2009 , 87, 845-51	57
427	A microinjectable biological system, the <i>Xenopus</i> oocyte, as an approach to understanding signal transduction protein function. <i>Methods in Molecular Biology</i> , 2009 , 518, 43-55	1.4 7
426	Fundamental Concepts in Biophysics. 2009 ,	6
425	Potassium Channels. <i>Methods in Molecular Biology</i> , 2009 ,	1.4 2
424	Effects of thioglycolic acid on progesterone-induced maturation of <i>Xenopus</i> oocytes. 2009 , 72, 1123-31	2
423	Electrophysiological Measurements of Membrane Proteins. 2009 , 1-35	
422	Role of oocyte quality in meiotic maturation and embryonic development. 2009 , 9, 203-24	59
421	Visualizing RNA localization in <i>Xenopus</i> oocytes. 2010 ,	3
420	Calcium dynamics during physiological acidification in <i>Xenopus</i> oocyte. 2010 , 236, 233-45	11
419	Ultrastructure of previtellogene oocytes in the neotenic cave salamander <i>Proteus anguinus</i> (<i>Amphibia</i> , <i>Urodela</i> , <i>Proteidae</i>). 2010 , 246, 33-9	4

418	Exogenously expressed human Ku70 stabilizes Ku80 in <i>Xenopus</i> oocytes and induces heterologous DNA-PK catalytic activity. 2010 , 338, 291-8		4
417	Visualizing protein interactions involved in the formation of the 42S RNP storage particle of <i>Xenopus</i> oocytes. 2010 , 102, 469-78		7
416	Transport of purines and purine salvage pathway inhibitors by the <i>Plasmodium falciparum</i> equilibrative nucleoside transporter PfENT1. 2010 , 169, 40-9		28
415	Epithelial Na ⁺ channels derived from human lung are activated by shear force. 2010 , 170, 113-9		31
414	Comparative transcriptomic analysis of follicle-enclosed oocyte maturational and developmental competence acquisition in two non-mammalian vertebrates. 2010 , 11, 18		28
413	A transient asymmetric distribution of XNOA 36 mRNA and the associated spectrin network bisects <i>Xenopus laevis</i> stage I oocytes along the future A/V axis. 2010 , 89, 525-36		8
412	Passive water permeability of some wild type and mutagenized amino acid cotransporters of the SLC6/NSS family expressed in <i>Xenopus laevis</i> oocytes. 2010 , 156, 509-17		6
411	Proteomic screen for potential regulators of M-phase entry and quality of meiotic resumption in <i>Xenopus laevis</i> oocytes. 2010 , 73, 1542-50		11
410	Interaction of 42Sp50 with the vegetal RNA localization machinery in <i>Xenopus laevis</i> oocytes. 2010 , 277, 4722-31		5
409	EP45 accumulates in growing <i>Xenopus laevis</i> oocytes and has oocyte-maturation-enhancing activity involved in oocyte quality. <i>Journal of Cell Science</i> , 2010 , 123, 1805-13	5-3	12
408	A single residue in transmembrane domain 11 defines the different affinity for thiazides between the mammalian and flounder NaCl transporters. 2010 , 299, F1111-9		16
407	Vitellogenesis in <i>Bufo arenarum</i> : identification, characterization and immunolocalization of high molecular mass lipovitellin during oogenesis. 2010 , 155, 256-65		6
406	Endogenous transport systems in the <i>Xenopus laevis</i> oocyte plasma membrane. 2010 , 51, 183-9		44
405	Observing <i>Xenopus laevis</i> oocyte plasma membrane by Atomic Force Microscopy. 2010 , 51, 106-13		6
404	Multiple-Particle-Tracking to investigate viscoelastic properties in living cells. 2010 , 51, 20-6		19
403	Raman spectroscopy of <i>Xenopus laevis</i> oocytes. 2010 , 51, 27-36		17
402	Using fluorometry and ion-sensitive microelectrodes to study the functional expression of heterologously-expressed ion channels and transporters in <i>Xenopus</i> oocytes. 2010 , 51, 134-45		42
401	Tips and tricks for preparing lampbrush chromosome spreads from <i>Xenopus tropicalis</i> oocytes. 2010 , 51, 37-44		7

400	Oocytes as an experimental system to analyze the ultrastructure of endogenous and ectopically expressed nuclear envelope components by field-emission scanning electron microscopy. 2010 , 51, 170-6	13
399	Preparation of a highly active cell-free translation system from immature <i>Xenopus laevis</i> oocytes. 2010 , 51, 101-5	1
398	Using oocyte nuclei for studies on chromatin structure and gene expression. 2010 , 51, 157-64	9
397	Identification of vegetal RNA-localization elements in <i>Xenopus</i> oocytes. 2010 , 51, 146-51	6
396	Effects of 4-tert-octylphenol on <i>Xenopus tropicalis</i> in a long term exposure. 2011 , 103, 159-69	24
395	Germ-line mitochondria exhibit suppressed respiratory activity to support their accurate transmission to the next generation. 2011 , 349, 462-9	32
394	Hormones and the Female Reproductive System of Amphibians. 2011 , 55-81	1
393	X-ray structures of general anaesthetics bound to a pentameric ligand-gated ion channel. <i>Nature</i> , 2011 , 469, 428-31	50.4 363
392	Estrogen biosynthesis in the gonad of the frog <i>Rana rugosa</i> . 2011 , 170, 207-12	14
391	Emodin inhibits current through SARS-associated coronavirus 3a protein. 2011 , 90, 64-9	118
390	Water flux through human aquaporin 1: inhibition by intracellular furosemide and maximal response with high osmotic gradients. 2011 , 40, 737-46	21
389	Induction of ovulation in <i>Xenopus</i> without hCG injection: the effect of adding steroids into the aquatic environment. 2011 , 9, 11	16
388	Progesterone-induced changes in the phosphoryl potential during the meiotic divisions in amphibian oocytes: role of Na/K-ATPase. 2011 , 11, 67	4
387	Functional dissection of the RNA signal sequence responsible for vegetal localization of XGrip2.1 mRNA in <i>Xenopus</i> oocytes. 2011 , 8, 873-82	11
386	KCNJ10 mutations disrupt function in patients with EAST syndrome. 2011 , 119, p40-8	44
385	Fully automated microinjection system for <i>Xenopus laevis</i> oocytes with integrated sorting and collection. 2011 , 16, 186-96	11
384	Active liquid-like behavior of nucleoli determines their size and shape in <i>Xenopus laevis</i> oocytes. 2011 , 108, 4334-9	725
383	Aromatase expression in <i>Xenopus</i> oocytes: a three cell-type model for the ovarian estradiol synthesis. 2011 , 47, 241-50	11

382	Stimulation of TRPV1 by Green Laser Light. 2012 , 2012, 857123		27
381	Expression of XNOA 36 in the mitochondrial cloud of <i>Xenopus laevis</i> oocytes. 2012 , 20, 237-42		6
380	Widespread transcription in an amphibian oocyte relates to its reprogramming activity on transplanted somatic nuclei. 2012 , 21, 181-90		12
379	Xtr, a plural tudor domain-containing protein, is involved in the translational regulation of maternal mRNA during oocyte maturation in <i>Xenopus laevis</i> . <i>Development Growth and Differentiation</i> , 2012 , 54, 660-71	3	
378	Calcium signaling in <i>Xenopus</i> oocyte. 2012 , 740, 1073-94		4
377	Hexosaminidase from <i>Xenopus laevis</i> eggs and oocytes: from gene to immunochemical characterization. 2012 , 113, 3709-20		
376	<i>Xenopus laevis</i> zygote arrest 2 (<i>zar2</i>) encodes a zinc finger RNA-binding protein that binds to the translational control sequence in the maternal <i>Wee1</i> mRNA and regulates translation. 2012 , 369, 177-90		17
375	Role of a conserved glycine triplet in the NSS amino acid transporter <i>KAAT1</i> . 2012 , 1818, 1737-44		6
374	The subcellular localization of cyclin B2 is required for bipolar spindle formation during <i>Xenopus</i> oocyte maturation. 2012 , 422, 770-5		6
373	Maternal mRNA knock-down studies: antisense experiments using the host-transfer technique in <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> . <i>Methods in Molecular Biology</i> , 2012 , 917, 167-82	1.4	21
372	Naturally occurring steroids in <i>Xenopus</i> oocyte during meiotic maturation. Unexpected presence and role of steroid sulfates. 2012 , 362, 110-9		22
371	Oocyte-somatic cells interactions, lessons from evolution. 2012 , 13, 560		30
370	Cortical rotation and messenger RNA localization in <i>Xenopus</i> axis formation. 2012 , 1, 371-88		26
369	A marked animal-vegetal polarity in the localization of Na(+),K(+)-ATPase activity and its down-regulation following progesterone-induced maturation. 2012 , 79, 138-60		4
368	Agonist-activated Ca ²⁺ influx and Ca ²⁺ -dependent Cl ⁻ channels in <i>Xenopus</i> ovarian follicular cells: functional heterogeneity within the cell monolayer. 2012 , 227, 3457-70		8
367	Effect of enrichment on the behaviour and growth of juvenile <i>Xenopus laevis</i> . 2012 , 139, 264-270		10
366	Early oogenesis in the short-tailed fruit bat <i>Carollia perspicillata</i> : transient germ cell cysts and noncanonical intercellular bridges. 2012 , 50, 18-27		7
365	Effects of chronic polybrominated diphenyl ether exposure on gonadal development in the northern leopard frog, <i>Rana pipiens</i> . 2012 , 31, 347-54		11

364	Plasma membrane events associated with the meiotic divisions in the amphibian oocyte: insights into the evolution of insulin transduction systems and cell signaling. 2013 , 13, 3	2
363	Human AQP1 is a constitutively open channel that closes by a membrane-tension-mediated mechanism. 2013 , 104, 85-95	33
362	A nuclear F-actin scaffold stabilizes ribonucleoprotein droplets against gravity in large cells. 2013 , 15, 1253-9	200
361	Hexokinase and not glycogen synthase controls the flux through the glycogen synthesis pathway in frog oocytes. 2013 , 587, 2825-31	2
360	Follicular cells of the amphibian ovary: Origin, structure, and functions. 2013 , 44, 232-244	2
359	Regulation of cell polarity and RNA localization in vertebrate oocytes. 2013 , 306, 127-85	35
358	Site-directed spin-labeling of nucleotides and the use of in-cell EPR to determine long-range distances in a biologically relevant environment. 2013 , 8, 131-47	53
357	How to make a good egg!: The need for remodeling of oocyte Ca(2+) signaling to mediate the egg-to-embryo transition. 2013 , 53, 41-54	24
356	Involvement of cAMP and calmodulin in endocytic yolk uptake during <i>Xenopus laevis</i> oogenesis. 2013 , 21, 1-9	7
355	Directional transport is mediated by a Dynein-dependent step in an RNA localization pathway. 2013 , 11, e1001551	31
354	The <i>Xenopus</i> oocyte: a single-cell model for studying Ca ²⁺ signaling. 2013 , 2013,	8
353	A stockpile of ova in the grass frog <i>Rana temporaria</i> is established once for the life span. Do ovaries in amphibians and in mammals follow the same evolutionary strategy?. 2013 , 296, 638-53	9
352	Aven is dynamically regulated during <i>Xenopus</i> oocyte maturation and is required for oocyte survival. 2013 , 4, e908	1
351	Glycolytic metabolites are critical modulators of oocyte maturation and viability. 2013 , 8, e77612	7
350	Analysis of nuclear reconstitution, nuclear envelope assembly, and nuclear pore assembly using <i>Xenopus</i> in vitro assays. 2014 , 122, 165-91	15
349	Differential role of STIM1 and STIM2 during transient inward (T _{in}) current generation and the maturation process in the <i>Xenopus</i> oocyte. 2014 , 14, 9	3
348	Possible regulation of Oct60 transcription by a positive feedback loop in <i>Xenopus</i> oocytes. 2014 , 22, 266-74	8
347	Genistein as antiviral drug against HIV ion channel. 2014 , 80, 682-7	34

346	Kaempferol derivatives as antiviral drugs against the 3a channel protein of coronavirus. 2014 , 80, 177-82		105
345	Structural and Spatial Analysis of Carotenoids in a Single Cell Monitored by Raman Spectroscopy. 2014 , 309-326		0
344	Small ubiquitin-like modifier (SUMO)-mediated repression of the <i>Xenopus</i> Oocyte 5 S rRNA genes. 2014 , 289, 35468-81		4
343	Actin-based spindle positioning: new insights from female gametes. <i>Journal of Cell Science</i> , 2014 , 127, 477-83	5-3	71
342	Insulin loaded iron magnetic nanoparticle-graphene oxide composites: synthesis, characterization and application for in vivo delivery of insulin. 2014 , 4, 865-875		31
341	From Oocyte to Fertilizable Egg. 2014 , 38-59		5
340	RNA Localization during Oogenesis in <i>Xenopus laevis</i> . 2014 , 16-37		
339	Development of Gonads, Sex Determination, and Sex Reversal in <i>Xenopus</i> . 2014 , 199-214		1
338	Soft viscoelastic properties of nuclear actin age oocytes due to gravitational creep. <i>Scientific Reports</i> , 2015 , 5, 16607	4-9	17
337	<i>Xenopus laevis</i> as a Model to Identify Translation Impairment. 2015 ,		
336	Molecular cloning and characterization of oocyte-specific Pat1a in <i>Rana rugosa</i> frogs. 2015 , 323, 516-26		2
335	A deep proteomics perspective on CRM1-mediated nuclear export and nucleocytoplasmic partitioning. 2015 , 4,		125
334	Plant Gravitropism. <i>Methods in Molecular Biology</i> , 2015 ,	1-4	3
333	<i>Xenopus laevis</i> oocyte maturation is affected by metal chlorides. 2015 , 29, 1124-31		12
332	Essential amino acid transporter Lat4 (Slc43a2) is required for mouse development. 2015 , 593, 1273-89		39
331	A novel role for Celf1 in vegetal RNA localization during <i>Xenopus</i> oogenesis. 2015 , 405, 214-24		7
330	Control of Cdc6 accumulation by Cdk1 and MAPK is essential for completion of oocyte meiotic divisions in <i>Xenopus</i> . <i>Journal of Cell Science</i> , 2015 , 128, 2482-96	5-3	9
329	Development and steroidogenic properties of the Bidder's organ of the tadpole of <i>Rhinella arenarum</i> (Amphibia, Anura). 2015 , 323, 137-45		4

328	Xepac protein and IP3/Ca2+ pathway implication during <i>Xenopus laevis</i> vitellogenesis. 2015 , 23, 99-110	2
327	Gonadal Differentiation and Development in the Snouted Treefrog, <i>Scinax fuscovarius</i> (Amphibia, Anura, Hylidae). 2015 , 49, 468-478	5
326	Biometric Data Assessment on Tadpoles. 2016 , 6, 6587	1
325	Developmental aspects of the direct-developing frog <i>Adelophryne maranguapensis</i> . 2016 , 54, 257-71	4
324	Calcium waves in a grid of clustered channels with synchronous IP binding and unbinding. 2016 , 39, 108	3
323	Using in vivo imaging to measure RNA mobility in <i>Xenopus laevis</i> oocytes. 2016 , 98, 60-65	7
322	Male Reproductive Endpoints and the Rodent Hershberger Assay. 2016 , 96-115	
321	Amyloid-like Self-Assembly of a Cellular Compartment. 2016 , 166, 637-650	194
320	Boric Acid Is Reproductively Toxic to Adult <i>Xenopus laevis</i> , but Not Endocrine Active. 2016 , 154, 16-26	7
319	The karyosphere capsule in oocytes of hibernating frogs <i>Rana temporaria</i> contains actin, lamins, and SnRNP. 2016 , 10, 422-429	3
318	Extracellular Linkers Completely Transplant the Voltage Dependence from Kv1.2 Ion Channels to Kv2.1. 2016 , 111, 1679-1691	4
317	The European Eel NCC β Gene Encodes a Thiazide-resistant Na-Cl Cotransporter. 2016 , 291, 22472-22481	4
316	<i>Xenopus</i> Oocytes: Optimized Methods for Microinjection, Removal of Follicular Cell Layers, and Fast Solution Changes in Electrophysiological Experiments. 2016 ,	3
315	Atrazine and malathion shorten the maturation process of <i>Xenopus laevis</i> oocytes and have an adverse effect on early embryo development. 2016 , 32, 63-9	21
314	Gadolinium released by the linear gadolinium-based contrast-agent Gd-DTPA decreases the activity of human epithelial Na channels (ENaCs). 2017 , 1859, 1040-1048	3
313	Asymmetric Cell Division in Development, Differentiation and Cancer. 2017 ,	4
312	Asymmetric Localization and Distribution of Factors Determining Cell Fate During Early Development of <i>Xenopus laevis</i> . 2017 , 61, 229-241	2
311	Tonoplast (BvTIP1;2) and plasma membrane (BvPIP2;1) aquaporins show different mechanosensitive properties. 2017 , 591, 1555-1565	4

310	Insertion of inter-domain linkers improves expression and bioactivity of Zygote arrest (Zar) fusion proteins. 2017 , 30, 313-319		2
309	Piwi proteins interact with a broad proportion of the oocyte transcriptome. 2017 , 23, 504-520		9
308	Egg Activation at Fertilization. 2017 , 953, 1-47		12
307	Quantifying the relative contributions of different solute carriers to aggregate substrate transport. <i>Scientific Reports</i> , 2017 , 7, 40628	4.9	9
306	RNA Localization in the Vertebrate Oocyte: Establishment of Oocyte Polarity and Localized mRNA Assemblages. 2017 , 63, 189-208		9
305	Shaping Chromatin in the Nucleus: The Bricks and the Architects. 2017 , 82, 1-14		14
304	Nuclear pore complex plasticity during developmental process as revealed by super-resolution microscopy. <i>Scientific Reports</i> , 2017 , 7, 14732	4.9	11
303	FXD8, a Novel Regulator of Renal Na/K-ATPase in the Euryhaline Teleost,. 2017 , 8, 576		7
302	Monitoring health and reproductive status of olms (<i>Proteus anguinus</i>) by ultrasound. 2017 , 12, e0182209		6
301	Isolation of Oocytes. 2018 , 2018,		10
300	Probing the molecular basis of hERG drug block with unnatural amino acids. <i>Scientific Reports</i> , 2018 , 8, 289	4.9	13
299	The extraordinary biology and development of marsupial frogs (Hemiphractidae) in comparison with fish, mammals, birds, amphibians and other animals. 2018 , 154, 2-11		7
298	Inhibition of germinal vesicle breakdown in <i>Xenopus</i> oocytes in vitro by a series of substituted glycol ethers. 2018 , 38, 628-637		4
297	Geraniin is a diuretic by inhibiting the Na-K-2Cl cotransporter NKCC2. 2018 , 314, F240-F250		5
296	Organization and Function of Non-dynamic Biomolecular Condensates. 2018 , 43, 81-94		109
295	Fluorescence In Situ Hybridization of Cryosectioned Oocytes. 2018 , 2018,		4
294	Conserved RNA binding activity of a Yin-Yang 1 homologue in the ova of the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <i>Scientific Reports</i> , 2018 , 8, 8061	4.9	1
293	Whole-Mount Immunofluorescence for Visualizing Endogenous Protein and Injected RNA in Oocytes. 2018 , 2018,		1

292	Oogenesis & Ovulation: Oocyte Maturation and Ovulation, Comparative. 2018 , 234-238		
291	Cell Polarity in Oocyte Development. 2018 , 1-29		
290	Xenopus laevis oocyte as a model for the study of the cytoskeleton. 2018 , 341, 219-227		2
289	All Oocytes Attach to the Dorsal Ovarian Epithelium in the Ovary of Medaka, <i>Oryzias latipes</i> . 2018 , 35, 306-313		4
288	Polybrominated Diphenylether (DE-71) Exposure Skews Phenotypic Sex Ratio, and Alters Steroid Hormone Levels and Steroidogenic Enzyme Activities in Juvenile <i>Silurana tropicalis</i> . 2019 ,		
287	Variation in hybridogenetic hybrid emergence between populations of water frogs from the <i>Pelophylax esculentus</i> complex. 2019 , 14, e0224759		8
286	In Vitro Reconstruction of Oocyte Ovulation. 2019 , 20,		3
285	Mutual action by G β and G γ for optimal activation of GIRK channels in a channel subunit-specific manner. <i>Scientific Reports</i> , 2019 , 9, 508	4-9	6
284	Vitellogenin in the European cave salamander, <i>Proteus anguinus</i> : Its characterization and dynamics in a captive female as a basis for non-destructive sex identification. 2019 , 235, 30-37		1
283	Oocyte's Conductance for Bioactive Compounds Screening and Characterization. 2019 , 20,		1
282	Vertebrate Embryogenesis. <i>Methods in Molecular Biology</i> , 2019 ,	1.4	2
281	Exposures to chemical contaminants: What can we learn from reproduction and development endpoints in the amphibian toxicology literature?. 2019 , 248, 478-495		20
280	Membrane Microdomains as Platform to Study Membrane-Associated Events During Oogenesis, Meiotic Maturation, and Fertilization in <i>Xenopus laevis</i> . <i>Methods in Molecular Biology</i> , 2019 , 1920, 59-73	1.4	0
279	Methods for Isolating the Balbiani Body/Germplasm from <i>Xenopus laevis</i> Oocytes. <i>Methods in Molecular Biology</i> , 2019 , 1920, 265-275	1.4	0
278	Evaluation of the developmental toxicity of perfluorooctanesulfonate in the Anuran, <i>Silurana tropicalis</i> . 2019 , 39, 365-374		5
277	Bone Morphogenetic Proteins. <i>Methods in Molecular Biology</i> , 2019 ,	1.4	
276	Proteolytic Activation of Bmps: Analysis of Cleavage in <i>Xenopus</i> Oocytes and Embryos. <i>Methods in Molecular Biology</i> , 2019 , 1891, 115-133	1.4	1
275	X-linked β -thalassemia with mental retardation is downstream of protein kinase A in the meiotic cell cycle signaling cascade in <i>Xenopus</i> oocytes and is dynamically regulated in response to DNA damage. 2019 , 100, 1238-1249		2

274	Effects of glyphosate and a commercial formulation Roundup [®] exposures on maturation of <i>Xenopus laevis</i> oocytes. 2020 , 27, 3697-3705	4
273	Adverse effects of fly ashes used as immobilizing agents for highly metal-contaminated soils on <i>Xenopus laevis</i> oocytes survival and maturation-a study performed in the north of France with field soil extracts. 2020 , 27, 3706-3714	
272	Using <i>Xenopus</i> oocytes in neurological disease drug discovery. 2020 , 15, 39-52	5
271	Fluorescence lifetime imaging reveals heterogeneous functional distribution of eGFP expressed in <i>Xenopus</i> oocytes. 2019 , 8, 015001	1
270	New insights into HcPTR2A and HcPTR2B, two high-affinity peptide transporters from the ectomycorrhizal model fungus <i>Hebeloma cylindrosporum</i> . 2020 , 30, 735-747	1
269	Managing the Oocyte Meiotic Arrest-Lessons from Frogs and Jellyfish. 2020 , 9,	6
268	Using the Oocyte Toolbox. 2020 , 2020, 095844	2
267	Microvascular anatomy of ovary and oviduct in the adult African Clawed Toad (<i>Xenopus laevis</i> DAUDIN, 1802)-Histomorphology and scanning electron microscopy of vascular corrosion casts. 2020 , 49, 742-748	2
266	Translational Control of Oocyte Meiosis: Toward the Genomic Era. 2020 , 9,	6
265	A cell suspension based uptake method to study high affinity glucosinolate transporters. 2020 , 16, 75	3
264	Organizing the oocyte: RNA localization meets phase separation. 2020 , 140, 87-118	3
263	Toward the understanding of biology of oocyte life cycle in : No oocytes left behind. 2020 , 19, 114-119	2
262	Activation of mouse NBCe1-B by <i>Xenopus laevis</i> and mouse IRBITs: Role of the variable Nt appendage of IRBITs. 2020 , 1862, 183240	2
261	Epithelial Na Channel (ENaC) Formed by One or Two Subunits Forms Functional Channels That Respond to Shear Force. 2020 , 11, 141	14
260	A polymorphism in oocyte pigmentation in natural populations of the glass frog (<i>Centrolenidae</i>). 2021 , 65, 333-344	
259	Emerging Properties and Functions of Actin and Actin Filaments Inside the Nucleus. 2021 , 13,	10
258	GABA Receptors Expressed in Oligodendrocytes Cultured from the Neonatal Rat Contain 3 and 1 Subunits and Present Differential Functional and Pharmacological Properties. 2021 , 99, 133-146	3
257	DNA Modifications. <i>Methods in Molecular Biology</i> , 2021 ,	1.4

256	Localization of Germes RNA in Xenopus Oocytes. 2021 , 52, 1-8	0
255	Experimental Approaches to Identify Selective Picomolar Inhibitors for Carbonic Anhydrase IX. 2021 , 28, 3361-3384	
254	ZC3HC1 Is a Novel Inherent Component of the Nuclear Basket, Resident in a State of Reciprocal Dependence with TPR. 2021 , 10,	4
253	Spatial organization of nuclear pores in Xaenopus laevis oocytes.	
252	The oocyte as an endocytic cell. 1983 , 98, 228-48	7
251	Observations on the reproductive cycle of cultured white sturgeon, Acipenser transmontanus. 1977 , 265-278	5
250	Expression and Study of Ligand-Gated Ion Channels in Xenopus laevis Oocytes. 2007 , 323-340	1
249	Xenopus Oocytes: Endogenous Electrophysiological Characteristics. 1992 , 267-315	5
248	Electrophysiological Recordings from Xenopus Oocytes. 1995 , 341-356	19
247	Poly(ADPRibose)Polymerase in Xenopus laevis. 1992 , 106-112	1
246	Terminology of Gonadal Anomalies in Fish and Amphibians Resulting from Chemical Exposures. 2006 , 103-131	7
245	Structure and evolution of the nucleolus during oogenesis. 1984 , 127-139	9
244	Egg envelopes in vertebrates. 1985 , 1, 235-88	14
243	Functional organization of the amphibian oocyte nucleus. 1985 , 1, 385-430	7
242	Regulation of the mid-blastula transition in amphibians. 1988 , 5, 209-25	7
241	Fate and nuclear localization of germinal vesicle proteins during embryogenesis. 1989 , 6, 31-57	2
240	Development of the Mature Egg Organization in Amphibians, Fish, and Starfish During the Concluding Stages of Oogenesis, in the Period of Maturation. 1988 , 165-277	2
239	Surrogate Genetics in the Frog Oocyte. 1980 , 383-407	12

238	Accumulation and Behavior of mRNA During Oogenesis and Early Embryogenesis of <i>Xenopus Laevis</i> . 1984 , 253-266			1
237	Protein Synthesis Patterns During Early Amphibian Embryogenesis. 1984 , 267-288			2
236	Molecular Mechanisms of Translational Control during the Early Development of <i>Xenopus laevis</i> . 1987 , 111-139			10
235	Expression of rat brain excitatory amino acid receptors in <i>Xenopus</i> oocytes. 1987 , 221, 201-10			1
234	Expression of vertebrate amino acid receptors in <i>Xenopus</i> oocytes. 1986 , 203, 525-37			7
233	Regulation of expression of taurine transport in two continuous renal epithelial cell lines and inhibition of taurine transporter by a site-directed antibody. 1996 , 403, 173-91			9
232	Expression of taurine transporter and its regulation by diet in <i>Xenopus laevis</i> oocytes following injection of rat kidney cortex mRNA. 1994 , 359, 121-30			5
231	Ion channels and membrane receptors in follicle-enclosed <i>Xenopus</i> oocytes. 1996 , 4, 203-59			18
230	Expressing and characterizing mechanosensitive channels in <i>Xenopus</i> oocytes. <i>Methods in Molecular Biology</i> , 2015 , 1309, 151-69	1.4		10
229	P2X Electrophysiology and Surface Trafficking in <i>Xenopus</i> Oocytes. <i>Methods in Molecular Biology</i> , 2020 , 2041, 243-259	1.4		1
228	Chromatin assembly of DNA templates microinjected into <i>Xenopus</i> oocytes. <i>Methods in Molecular Biology</i> , 2006 , 322, 139-47	1.4		1
227	Oocyte extracts for the study of meiotic M-M transition. <i>Methods in Molecular Biology</i> , 2006 , 322, 445-58	1.4		14
226	Imaging Ca ²⁺ signals in <i>Xenopus</i> oocytes. <i>Methods in Molecular Biology</i> , 2006 , 322, 103-19	1.4		14
225	Visualization of mRNA localization in <i>Xenopus</i> oocytes. <i>Methods in Molecular Biology</i> , 2011 , 714, 71-82	1.4		9
224	Embryogenesis of Marsupial Frogs (Hemiphraetidae), and the Changes that Accompany Terrestrial Development in Frogs. 2019 , 68, 379-418			3
223	Visualization of transcriptional activity during <i>xenopus laevis</i> oogenesis. 1980 , 11, 37-44			6
222	Regulatory pathways coordinating cell cycle progression in early <i>Xenopus</i> development. 2011 , 53, 171-99			7
221	Fertilization in Amphibians. 2000 , 147-191			13

220	Expression of mRNA Encoding Rat Brain Ca ²⁺ Channels in Xenopus Oocytes. 1988 , 272-280	2
219	Heterologous Expression Systems and Analyses of Ion Channels. 2012 , 353-370	1
218	STAGE SPECIFIC CHANGES IN PROTEIN SYNTHESIS DURING XENOPUS OOGENESIS. 1979 , 239-250	1
217	Using the Xenopus Oocyte System for Expression and Cloning of Neuroreceptors and Channels. 1989 , 3-29	19
216	Methods for Expression of Excitability Proteins in Xenopus Oocytes. 1994 , 19, 261-279	74
215	Microinjection of Colloidal Gold. 1991 , 265-279	3
214	Hormones and the Female Reproductive System of Amphibians. 2011 , 55-81	1
213	Xenopus Oocyte as Model System to Study Receptor Coupling to Phospholipase C. 1990 , 479-501	3
212	Ionic Regulation of Oocyte Maturation. 1985 , 299-345	8
211	Functions of Egg Cortical Granules. 1985 , 1-43	23
210	Sperm Penetration and the Establishment of the Dorsal/Ventral Polarity of the Amphibian Egg. 1985 , 81-125	1
209	Activation of DNA Synthesis during Early Embryogenesis. 1985 , 299-345	2
208	SELECTIVE TRANSCRIPTION OF THE 5S RNA GENES IN ISOLATED CHROMATIN BY RNA POLYMERASE III. 1976 , 223-242	3
207	Characterization and subcellular localization of ribonuclease H activities from Xenopus laevis oocytes.. 1994 , 269, 25185-25192	20
206	Expression of rat jejunal cystine carrier in Xenopus oocytes.. 1991 , 266, 986-989	14
205	Distinct 19 S and 20 S subcomplexes of the 26 S proteasome and their distribution in the nucleus and the cytoplasm.. 1994 , 269, 7709-7718	279
204	Progesterone-stimulated meiotic cell division in Xenopus oocytes. Induction by regulatory subunit and inhibition by catalytic subunit of adenosine 3':5'-monophosphate-dependent protein kinase.. 1977 , 252, 1712-1718	300
203	A monoclonal antibody to an oocyte-specific poly(A) RNA-binding protein.. 1984 , 259, 2190-2194	17

202	Developmentally regulated RNA binding proteins during oogenesis in <i>Xenopus laevis</i> .. 1983 , 258, 4864-4869	44
201	Isolation and characterization of a <i>Xenopus</i> cDNA which encodes a homeodomain highly homologous to <i>Drosophila</i> Distal-less.. 1992 , 267, 5044-5047	30
200	Metabolic regulation during early frog development. Identification of proteins labeled by ³² P-glycolytic intermediates.. 1987 , 262, 17038-17045	9
199	The intracellular fate of vitellogenin in <i>Xenopus</i> oocytes is determined by its extracellular concentration during endocytosis.. 1987 , 262, 14779-14789	26
198	Interferon priming. Effects on interferon messenger RNA.. 1979 , 254, 4114-4118	26
197	Identification of a low affinity, high capacity transporter of cationic amino acids in mouse liver.. 1993 , 268, 7538-7544	142
196	The bovine mannose 6-phosphate/insulin-like growth factor II receptor. Localization of mannose 6-phosphate binding sites to domains 1-3 and 7-11 of the extracytoplasmic region.. 1991 , 266, 23233-23239	72
195	Stimulation of the Na ⁺ /K ⁺ pump by external [K ⁺] is regulated by voltage-dependent gating.. 1991 , 266, 16285-16288	39
194	The Cation-dependent Mannose 6-Phosphate Receptor. 1989 , 264, 11458-11467	36
193	Regulation and subcellular distribution of a protein methyltransferase and its damaged aspartyl substrate sites in developing <i>Xenopus</i> oocytes.. 1987 , 262, 10398-10403	26
192	Receptor-mediated endocytosis in <i>Xenopus</i> oocytes. I. Characterization of the vitellogenin receptor system.. 1987 , 262, 4109-4115	80
191	Microinjection of a 19-kDa Guanine Nucleotide-binding Protein Inhibits Maturation of <i>Xenopus</i> Oocytes. 1989 , 264, 14824-14828	13
190	Lack of correlation between extensive accumulation of bisnucleoside polyphosphates and the heat-shock response in eukaryotic cells.. 1986 , 261, 16459-16465	21
189	Expression of the mammalian system A neutral amino acid transporter in <i>Xenopus</i> oocytes.. 1990 , 265, 13914-13917	28
188	Stimulation of Protein Synthesis in Stage IV <i>Xenopus</i> Oocytes by Microinjected Insulin. 1989 , 264, 10438-10446	11
187	Altered levels of a 5 S gene-specific transcription factor (TFIIIA) during oogenesis and embryonic development of <i>Xenopus laevis</i> .. 1984 , 259, 11373-11382	73
186	Induction of glycinebetaine uptake into <i>Xenopus</i> oocytes by injection of poly(A) ⁺ RNA from renal cells exposed to high extracellular NaCl. 1991 , 266, 10400-10405	13
185	Characterization of a <i>Xenopus laevis</i> ribonucleoprotein endoribonuclease. Isolation of the RNA component and its expression during development.. 1992 , 267, 21765-21772	19

184	Characterization of phagocyte P2 nucleotide receptors expressed in <i>Xenopus</i> oocytes.. 1990 , 265, 11615-11621	12
183	Initiation of ribosomal RNA chains in homogenates of oocyte nuclei.. 1980 , 255, 7896-7906	31
182	Metabolism of Inositol Pentakisphosphate to Inositol Hexakisphosphate in <i>Xenopus laevis</i> Oocytes. 1989 , 264, 20185-20188	23
181	In vitro expression of thyroxine-binding globulin (TBG) variants. Impaired secretion of TBGPRO-227 but not TBGPRO-113.. 1992 , 267, 13998-14004	12
180	<i>Xenopus laevis</i> oocyte calmodulin in the process of meiotic maturation.. 1980 , 255, 9404-9408	49
179	Cloning of a membrane-associated protein which modifies activity and properties of the Na(+)-D-glucose cotransporter.. 1993 , 268, 25041-25053	60
178	Activation of multiple protein kinases during the burst in protein phosphorylation that precedes the first meiotic cell division in <i>Xenopus</i> oocytes.. 1988 , 263, 2009-2019	118
177	Epidermal growth factor receptor kinase translocation and activation in vivo.. 1986 , 261, 8473-8480	55
176	Characterization of interferon messenger RNA synthesis in <i>Namalva</i> cells.. 1980 , 255, 2955-2961	29
175	Stockpiling of DNA polymerases during oogenesis and embryogenesis in the frog, <i>Xenopus laevis</i> .. 1985 , 260, 974-981	47
174	Co-existence of two different types of soluble histone complexes in nuclei of <i>Xenopus laevis</i> oocytes.. 1985 , 260, 1166-1176	137
173	A novel voltage-clamp/dye uptake assay reveals saturable transport of molecules through CALHM1 and connexin channels. 2020 , 152,	2
172	Complete DNA sequence of the mitochondrial genome of the black chiton, <i>Katharina tunicata</i> . 1994 , 138, 423-43	138
171	Distribution of exchanges upon homologous recombination of exogenous DNA in <i>Xenopus laevis</i> oocytes. 1994 , 138, 445-57	11
170	Cyclin B/p34cdc2 Triggers Phosphorylation of DNA Ligase I During <i>Xenopus laevis</i> Oocyte Maturation. 1995 , 230, 491-497	5
169	The PR55 and PR65 subunits of protein phosphatase 2A from <i>Xenopus laevis</i> . molecular cloning and developmental regulation of expression. 1995 , 230, 1037-45	30
168	Maturation-specific polyadenylation and translational control: diversity of cytoplasmic polyadenylation elements, influence of poly(A) tail size, and formation of stable polyadenylation complexes. <i>Molecular and Cellular Biology</i> , 1990 , 10, 5634-5645	4.8 58
167	The <i>Xenopus</i> B1 factor is closely related to the mammalian activator USF and is implicated in the developmental regulation of TFIIIA gene expression. <i>Molecular and Cellular Biology</i> , 1991 , 11, 412-424	4.8 28

166	Characterization of recombination intermediates from DNA injected into <i>Xenopus laevis</i> oocytes: evidence for a nonconservative mechanism of homologous recombination. <i>Molecular and Cellular Biology</i> , 1991 , 11, 3278-3287	4.8	70
165	Activation of a system for the joining of nonhomologous DNA ends during <i>Xenopus</i> egg maturation. <i>Molecular and Cellular Biology</i> , 1992 , 12, 811-816	4.8	20
164	Identification of the sequences responsible for the splicing phenotype of the regulatory intron of the L1 ribosomal protein gene of <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1992 , 12, 1117-1125	4.8	20
163	XrpFI, an amphibian transcription factor composed of multiple polypeptides immunologically related to the GA-binding protein alpha and beta subunits, is differentially expressed during <i>Xenopus laevis</i> development. <i>Molecular and Cellular Biology</i> , 1993 , 13, 6479-6489	4.8	10
162	Homologous and illegitimate recombination in developing <i>Xenopus</i> oocytes and eggs. <i>Molecular and Cellular Biology</i> , 1993 , 13, 6897-6906	4.8	21
161	Expression of the c-myc proto-oncogene during development of <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1986 , 6, 4499-4508	4.8	33
160	Degradation of linear DNA by a strand-specific exonuclease activity in <i>Xenopus laevis</i> oocytes. <i>Molecular and Cellular Biology</i> , 1989 , 9, 4862-4871	4.8	45
159	Translocation of a store of maternal cytoplasmic c-myc protein into nuclei during early development. <i>Molecular and Cellular Biology</i> , 1989 , 9, 5395-5403	4.8	21
158	Translation of ovalbumin mRNA in <i>Xenopus laevis</i> oocytes. Characterization of the system and effects of estrogen on injected mRNA populations. 1976 , 57, 576-85		26
157	Sodium channels from human brain RNA expressed in <i>Xenopus</i> oocytes. Basic electrophysiologic characteristics and their modification by diphenylhydantoin. 1989 , 83, 1724-32		25
156	Functional expression of rat renal cortex taurine transporter in <i>Xenopus laevis</i> oocytes: adaptive regulation by dietary manipulation. 1997 , 41, 624-31		20
155	Polar asymmetry in the organization of the cortical cytokeratin system of <i>Xenopus laevis</i> oocytes and embryos. <i>Development (Cambridge)</i> , 1987 , 100, 543-557	6.6	97
154	Axis and germ line deficiencies caused by u.v. irradiation of <i>Xenopus</i> oocytes cultured in vitro. <i>Development (Cambridge)</i> , 1987 , 100, 735-743	6.6	51
153	An RNA-binding protein from <i>Xenopus</i> oocytes is associated with specific message sequences. <i>Development (Cambridge)</i> , 1987 , 101, 741-749	6.6	18
152	Highly efficient beta globin transcription in the absence of both a viral enhancer and erythroid factors. <i>Development (Cambridge)</i> , 1987 , 101, 815-827	6.6	7
151	Differential accumulation of oocyte nuclear proteins by embryonic nuclei of <i>Xenopus</i> . <i>Development (Cambridge)</i> , 1987 , 101, 829-846	6.6	34
150	Expression and segregation of nucleoplasmin during development in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 1988 , 102, 9-21	6.6	16
149	Localization of c-myc expression during oogenesis and embryonic development in <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , 1988 , 104, 631-641	6.6	18

148	The developmental expression of the heat-shock response in <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , 1989 , 105, 213-222	6.6	13
147	Preparation and characterization of cell-free protein synthesis systems from oocytes and eggs of <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , 1989 , 106, 1-9	6.6	20
146	Modifications of oogenesis and development in marsupial frogs. <i>Development (Cambridge)</i> , 1989 , 107, 169-187	6.6	37
145	Temporal and tissue-specific expression of the proto-oncogene <i>c-fos</i> during development in <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , 1989 , 107, 835-846	6.6	25
144	The maternal store of the <i>xlgv7</i> mRNA in full-grown oocytes is not required for normal development in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 1989 , 107, 899-907	6.6	28
143	The process of localizing a maternal messenger RNA in <i>Xenopus</i> oocytes. <i>Development (Cambridge)</i> , 1989 , 107, 31-36	6.6	18
142	A two-step model for the localization of maternal mRNA in <i>Xenopus</i> oocytes: involvement of microtubules and microfilaments in the translocation and anchoring of <i>Vg1</i> mRNA. <i>Development (Cambridge)</i> , 1990 , 108, 289-298	6.6	292
141	Deep cytoplasmic rearrangements during early development in <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , 1991 , 111, 845-856	6.6	44
140	The nuclear-cytoplasmic distribution of the <i>Xenopus</i> nuclear factor, <i>xnf7</i> , coincides with its state of phosphorylation during early development. <i>Development (Cambridge)</i> , 1991 , 113, 569-575	6.6	40
139	<i>Xwnt-11</i> : a maternally expressed <i>Xenopus</i> <i>wnt</i> gene. <i>Development (Cambridge)</i> , 1993 , 119, 1161-1173	6.6	234
138	Two distinct pathways for the localization of RNAs at the vegetal cortex in <i>Xenopus</i> oocytes. <i>Development (Cambridge)</i> , 1995 , 121, 287-297	6.6	190
137	Localization of <i>Xcat-2</i> RNA, a putative germ plasm component, to the mitochondrial cloud in <i>Xenopus</i> stage I oocytes. <i>Development (Cambridge)</i> , 1996 , 122, 2947-2953	6.6	82
136	<i>fatvg</i> encodes a new localized RNA that uses a 25-nucleotide element (FVLE1) to localize to the vegetal cortex of <i>Xenopus</i> oocytes. <i>Development (Cambridge)</i> , 1999 , 126, 4943-4953	6.6	50
135	Accumulation, organization and deployment of oogenetically derived <i>Xenopus</i> yolk/nonyolk proteins. <i>Development (Cambridge)</i> , 1986 , 97, 45-64	6.6	1
134	Meiosis-specific cell cycle regulation in maturing <i>Xenopus</i> oocytes. <i>Journal of Cell Science</i> , 1994 , 107, 3005-3013	5.3	44
133	Changes in yolk platelet pH during <i>Xenopus laevis</i> development correlate with yolk utilization. A quantitative confocal microscopy study. <i>Journal of Cell Science</i> , 1994 , 107, 3325-3337	5.3	58
132	Characterization and quantitation of three B-type lamins in <i>Xenopus</i> oocytes and eggs: increase of lamin LI protein synthesis during meiotic maturation. <i>Journal of Cell Science</i> , 1996 , 109, 1775-1785	5.3	44
131	AND-1, a natural chimeric DNA-binding protein, combines an HMG-box with regulatory WD-repeats. <i>Journal of Cell Science</i> , 1997 , 110, 1051-1062	5.3	24

130	XMAP230 is required for the assembly and organization of acetylated microtubules and spindles in <i>Xenopus</i> oocytes and eggs. <i>Journal of Cell Science</i> , 1998 , 111, 2315-2327	5-3	19
129	Nuclear pore localization and nucleocytoplasmic transport of eIF-5A: evidence for direct interaction with the export receptor CRM1. <i>Journal of Cell Science</i> , 1999 , 112, 2369-2380	5-3	110
128	Maternal histone deacetylase is accumulated in the nuclei of <i>Xenopus</i> oocytes as protein complexes with potential enzyme activity. <i>Journal of Cell Science</i> , 1999 , 112, 2441-2452	5-3	32
127	Subcellular distribution of the <i>Xenopus</i> p58/lamin B receptor in oocytes and eggs. <i>Journal of Cell Science</i> , 1999 , 112, 2583-2596	5-3	21
126	Molecular characterization and developmentally regulated expression of <i>Xenopus</i> lamina-associated polypeptide 2 (XLAP2). <i>Journal of Cell Science</i> , 1999 , 112, 749-759	5-3	32
125	Molecular architecture of the amplified nucleoli of <i>Xenopus</i> oocytes. <i>Journal of Cell Science</i> , 2001 , 114, 709-718	5-3	24
124	RNA anchoring in the vegetal cortex of the <i>Xenopus</i> oocyte. <i>Journal of Cell Science</i> , 2001 , 114, 1731-1743	5-3	47
123	RNA helicase p54 (DDX6) is a shuttling protein involved in nuclear assembly of stored mRNP particles. <i>Journal of Cell Science</i> , 2002 , 115, 395-407	5-3	52
122	Activation of protein kinase C triggers cortical granule exocytosis in <i>Xenopus</i> oocytes. <i>Journal of Cell Science</i> , 2002 , 115, 1313-1320	5-3	17
121	Effects of thioglycolic acid on parthenogenetic activation of <i>Xenopus</i> oocytes. 2011 , 6, e16220		1
120	RNA Whole-Mount In situ Hybridisation Proximity Ligation Assay (rISH-PLA), an Assay for Detecting RNA-Protein Complexes in Intact Cells. 2016 , 11, e0147967		13
119	Reproductive Mode of (Anura: Ranidae) Caught from Mae Sot, Thailand Based on Its Gonadosomatic Indices. 2011 , 2, 41-45		7
118	Concerted evolution of ribosomal DNA: Somatic peace amid germinal strife: Intranuclear and cellular selection maintain the quality of rRNA. 2021 , 43, e2100179		0
117	The Patch-Clamp Technique for Measurement of K ⁺ Channels in <i>Xenopus</i> Oocytes and Mammalian Expression Systems. 2001 , 143-161		
116	Effects of organometal(loid) compounds on neuronal ion channels: possible sites for neurotoxicity. 2004 , 283-315		
115	Effects of hypergravity on oocyte maturation in <i>Xenopus laevis</i> . 2005 , 19, 242-244		2
114	Nuclear Patch Clamp Electrophysiology of Inositol Trisphosphate Receptor Ca ²⁺ Release Channels. 2005 , 203-229		0
113	The effect of hypergravity on bipolar spindle formation of meiosis II in <i>Xenopus</i> oocytes. 2006 , 20, 92-94		

- 112 Asymmetric Localization of CK2 During Oogenesis. **2012**, Suppl 4, 11328 1
- 111 Xenopus Oocytes Isolation and Microinjection. **2014**, 153-161
- 110 Gene Activity in Early Development - Pages 383-431. **1976**, 383-431
- 109 POLY (ADENOSINE DIPHOSPHATE RIBOSE) SYNTHETASE DURING OOGENESIS OF THE XENOPUS LAEVIS. **1981**, 149-171 2
- 108 POST-TRANSCRIPTIONAL MECHANISMS FOR THE REGULATION OF PROTEIN SYNTHESIS IN AMPHIBIAN OOCYTES. **1981**, 173-196
- 107 References. **1986**, 553-642
- 106 Maintenance of Oocyte Meiotic Arrest by Follicular Fluid Factors. **1987**, 131-147 1
- 105 Translation in Xenopus oocytes of mRNAs transcribed in vitro. **1988**, 341-362
- 104 Developmental Control of Nuclear Proteins in Amphibia. **1989**, 153-188 2
- 103 Expression of Exogenous Voltage-Gated Calcium Channels in Xenopus Oocytes. **1989**, 1, 62-75
- 102 Translation in Xenopus oocytes of mRNAs transcribed in vitro. **1989**, 337-358
- 101 Interactions among Cations in Current Conduction through the Stretch-Activated Channel of the Frog Oocyte. **1990**, 17-22
- 100 The Xenopus Oocyte as an in Vitro Translation and Expression System for Chemosensory Specific Gene Products. **1990**, 87-95
- 99 Nucleolin Maturation and rRNA Synthesis during Xenopus Laevis Development. **1990**, 247-252
- 98 Is the Egg Activation-Induced Intracellular pH Increase Necessary for the Embryonic Development of Xenopus Laevis (Anuran Amphibian)?. **1990**, 503-517
- 97 Reconstitution of an insulin signaling pathway in Xenopus laevis oocytes: coexpression of a mammalian insulin receptor and three different mammalian hexose transporters. *Molecular and Cellular Biology*, **1990**, 10, 743-751 4.8 17
- 96 Role of phosphatidylinositide metabolism in ras-induced Xenopus oocyte maturation. *Molecular and Cellular Biology*, **1990**, 10, 923-929 4.8 12
- 95 mos gene transforming efficiencies correlate with oocyte maturation and cytostatic factor activities. *Molecular and Cellular Biology*, **1991**, 11, 604-610 4.8 13

94	A possible role for a mammalian facilitative hexose transporter in the development of resistance to drugs. <i>Molecular and Cellular Biology</i> , 1991 , 11, 3407-3418	4.8	3
93	tpr-met oncogene product induces maturation-producing factor activation in <i>Xenopus</i> oocytes. <i>Molecular and Cellular Biology</i> , 1991 , 11, 5985-5991	4.8	7
92	Requirement of mosXe protein kinase for meiotic maturation of <i>Xenopus</i> oocytes induced by a cdc2 mutant lacking regulatory phosphorylation sites. <i>Molecular and Cellular Biology</i> , 1992 , 12, 3192-3203	4.8	16
91	Biochemical and cytological changes associated with expression of deregulated pp60src in <i>Xenopus</i> oocytes. <i>Molecular and Cellular Biology</i> , 1992 , 12, 5485-5498	4.8	5
90	<i>Xenopus</i> Oocytes as an Expression System for Ion Channels. 1993 , 79-97		0
89	Regulation of Cell Growth and Proliferation by Go. 1993 , 471-484		
88	Bibliography. 1993 , 247-301		
87	Comparative analysis of the expression and oncogenic activities of <i>Xenopus</i> c-, N-, and L-myc homologs. <i>Molecular and Cellular Biology</i> , 1993 , 13, 2456-2468	4.8	16
86	Endo- Exocytotic Sorting of Na ⁺ /K ⁺ -Pumps in Developing Oocytes and Embryos of <i>Xenopus laevis</i> . 1994 , 147-158		
85	Protein kinase A acts at multiple points to inhibit <i>Xenopus</i> oocyte maturation. <i>Molecular and Cellular Biology</i> , 1994 , 14, 4419-4426	4.8	21
84	<i>Xenopus</i> Gametes. 1999 , 2-8		
83	A Study on the Ovarian Cycle of Korean Brown Frog (<i>Rana coreana</i>)1a. 2014 , 28, 287-292		
82	Inhibition of the Na ⁺ /Ca ²⁺ Exchanger NCX ₁ Expressed in <i>Xenopus</i> Oocyte by Glycyrrhizic Acid and Cyclophylin A. 2017 , 05, 128-141		1
81	Early lethality of embryos derived from transgenic <i>Xenopus</i> females is associated with reduced ovarian grem1 expression.		
80	Current Research Method in Transporter Study. 2019 , 1141, 203-240		0
79	Immunochemical Detection of Modified Cytosine Species in Lampbrush Chromatin. <i>Methods in Molecular Biology</i> , 2021 , 2198, 159-168	1.4	
78	Cell surface and intracellular auxin signalling for H fluxes in root growth. <i>Nature</i> , 2021 , 599, 273-277	50.4	8
77	Gene Action Changes in Gametogenesis. 1983 , 1-89		

76	Maternalβetal Protein Transport. 1983 , 237-272		
75	A novel voltage clamp/dye uptake assay reveals saturable transport of molecules through CALHM1 and connexin channels.		
74	Transcriptional behavior of silkworm chorion genes in vivo and in injected <i>Xenopus laevis</i> oocytes.. 1987 , 262, 6628-6636		7
73	Membrane-bound mRNAs are recruited from preinitiated ribonucleoprotein particles in injected <i>Xenopus</i> oocytes.. 1985 , 260, 4448-4454		5
72	Regulation of adenovirus transcription by an E1a gene in microinjected <i>Xenopus laevis</i> oocytes. <i>Molecular and Cellular Biology</i> , 1983 , 3, 2131-2142	4.8	38
71	Fidelity of transcription of <i>Xenopus laevis</i> globin genes injected into <i>Xenopus laevis</i> oocytes and unfertilized eggs. <i>Molecular and Cellular Biology</i> , 1984 , 4, 2109-2119	4.8	19
70	A cDNA clone for a polyadenylated RNA-binding protein of <i>Xenopus laevis</i> oocytes hybridizes to four developmentally regulated mRNAs. <i>Molecular and Cellular Biology</i> , 1985 , 5, 2697-2704	4.8	1
69	DNase I footprinting shows three protected regions in the promoter of the rRNA genes of <i>Xenopus laevis</i> . <i>Molecular and Cellular Biology</i> , 1985 , 5, 313-319	4.8	10
68	Insulin induction of <i>Xenopus laevis</i> oocyte maturation is inhibited by monoclonal antibody against p21 ras proteins. <i>Molecular and Cellular Biology</i> , 1987 , 7, 1285-1288	4.8	55
67	Adenovirus E1A requires synthesis of a cellular protein to establish a stable transcription complex in injected <i>Xenopus laevis</i> oocytes. <i>Molecular and Cellular Biology</i> , 1987 , 7, 3049-3056	4.8	8
66	Functional expression of mammalian glucose transporters in <i>Xenopus laevis</i> oocytes: evidence for cell-dependent insulin sensitivity. <i>Molecular and Cellular Biology</i> , 1989 , 9, 4187-4195	4.8	23
65	Developmental expression and 5S rRNA-binding activity of <i>Xenopus laevis</i> ribosomal protein L5. <i>Molecular and Cellular Biology</i> , 1989 , 9, 5281-5288	4.8	25
64	Absence of Wee1 ensures the meiotic cell cycle in <i>Xenopus</i> oocytes. <i>Genes and Development</i> , 2000 , 14, 328-38	12.6	44
63	Cloning of nematode tRNA genes and their expression in the frog oocyte. <i>Nucleic Acids Research</i> , 1978 , 5, 4593-611	20.1	74
62	Telomerase activity in germline and embryonic cells of <i>Xenopus</i> . <i>EMBO Journal</i> , 1994 , 13, 3211-7	13	46
61	Dominant and specific repression of <i>Xenopus</i> oocyte 5S RNA genes and satellite I DNA by histone H1. <i>EMBO Journal</i> , 1989 , 8, 527-37	13	75
60	Developmental expression of the protein product of Vg1, a localized maternal mRNA in the frog <i>Xenopus laevis</i> . <i>EMBO Journal</i> , 1989 , 8, 1057-65	13	17
59	The CARG promoter sequence is necessary for muscle-specific transcription of the cardiac actin gene in <i>Xenopus</i> embryos. <i>EMBO Journal</i> , 1989 , 8, 1153-61	13	61

58	Differential expression of two <i>Xenopus</i> c-myc proto-oncogenes during development. <i>EMBO Journal</i> , 1989 , 8, 4091-7	13	23
57	A novel small nucleolar RNA (U16) is encoded inside a ribosomal protein intron and originates by processing of the pre-mRNA. <i>EMBO Journal</i> , 1993 , 12, 2921-8	13	52
56	Degradation of Mos by the N-terminal proline (Pro2)-dependent ubiquitin pathway on fertilization of <i>Xenopus</i> eggs: possible significance of natural selection for Pro2 in Mos. <i>EMBO Journal</i> , 1993 , 12, 4021-7	13	34
55	Regulation of embryonic cell division by a <i>Xenopus</i> gastrula-specific protein kinase. <i>EMBO Journal</i> , 1996 , 15, 4556-65	13	
54	The maternal store of zinc finger protein encoding mRNAs in fully grown <i>Xenopus</i> oocytes is not required for early embryogenesis. <i>EMBO Journal</i> , 1991 , 10, 1407-13	13	7
53	DNA-dependent phosphorylation of histone H2A.X during nucleosome assembly in <i>Xenopus laevis</i> oocytes: involvement of protein phosphorylation in nucleosome spacing. <i>EMBO Journal</i> , 1991 , 10, 3043-50	13	17
52	Structure, expression and in vitro functional characterization of a novel RNA binding zinc finger protein from <i>Xenopus</i> . <i>EMBO Journal</i> , 1991 , 10, 3087-93	13	9
51	Antisense oligonucleotide-directed cleavage of mRNA in <i>Xenopus</i> oocytes and eggs. <i>EMBO Journal</i> , 1988 , 7, 427-34	13	32
50	cDNA cloning of the developmentally regulated lamin LIII of <i>Xenopus laevis</i> . <i>EMBO Journal</i> , 1988 , 7, 3189-97	13	37
49	Assembly of spaced chromatin involvement of ATP and DNA topoisomerase activity. <i>EMBO Journal</i> , 1988 , 7, 4355-65	13	42
48	Identification of domains involved in nuclear uptake and histone binding of protein N1 of <i>Xenopus laevis</i> . <i>EMBO Journal</i> , 1988 , 7, 1605-14	13	46
47	In vivo disruption of <i>Xenopus</i> U3 snRNA affects ribosomal RNA processing. <i>EMBO Journal</i> , 1990 , 9, 2299-308	13	132
46	Gene structure of nuclear lamin LIII of <i>Xenopus laevis</i> ; a model for the evolution of IF proteins from a lamin-like ancestor. <i>EMBO Journal</i> , 1990 , 9, 4073-81	13	25
45	42S p48--the most abundant protein in previtellogenic <i>Xenopus</i> oocytes--resembles elongation factor 1 alpha structurally and functionally. <i>EMBO Journal</i> , 1987 , 6, 2409-13	13	11
44	Xfin: an embryonic gene encoding a multifingered protein in <i>Xenopus</i> . <i>EMBO Journal</i> , 1987 , 6, 3065-70	13	52
43	A <i>Xenopus laevis</i> gene encodes both homeobox-containing and homeobox-less transcripts. <i>EMBO Journal</i> , 1987 , 6, 4083-94	13	20
42	Effect of diadenosine tetraphosphate microinjection on heat shock protein synthesis in <i>Xenopus laevis</i> oocytes. <i>EMBO Journal</i> , 1985 , 4, 3743-9	13	3
41	The cloning and expression of the gene encoding organ-specific esterase S from the genome of <i>Drosophila virilis</i> . <i>EMBO Journal</i> , 1983 , 2, 1-7	13	4

40	The 'second-codon rule' and autophosphorylation govern the stability and activity of Mos during the meiotic cell cycle in <i>Xenopus</i> oocytes. <i>EMBO Journal</i> , 1992 , 11, 2433-46	13	43
39	Transcriptional analysis of human zeta globin genes. <i>EMBO Journal</i> , 1984 , 3, 1533-40	13	19
38	Histone RNA in amphibian oocytes visualized by in situ hybridization to methacrylate-embedded tissue sections. <i>EMBO Journal</i> , 1984 , 3, 1939-43	13	18
37	Human globin gene transcription in injected <i>Xenopus</i> oocytes: enhancement by sodium butyrate. <i>EMBO Journal</i> , 1984 , 3, 2787-92	13	11
36	<i>Xenopus</i> myc proto-oncogene during development: expression as a stable maternal mRNA uncoupled from cell division. <i>EMBO Journal</i> , 1986 , 5, 3563-70	13	37
35	C-myc expression is dissociated from DNA synthesis and cell division in <i>Xenopus</i> oocyte and early embryonic development. <i>EMBO Journal</i> , 1986 , 5, 3571-7	13	20
34	Subtle determinants of the nucleocytoplasmic partitioning of in vivo-transcribed RNase MRP RNA in <i>Xenopus laevis</i> oocytes. <i>Gene Expression</i> , 1996 , 5, 155-67	3.4	1
33	Absence of Wee1 ensures the meiotic cell cycle in <i>Xenopus</i> oocytes. <i>Genes and Development</i> , 2000 , 14, 328-338	12.6	90
32	Comparative analysis of vertebrates reveals that mouse primordial oocytes do not contain a Balbiani body.. <i>Journal of Cell Science</i> , 2021 ,	5.3	3
31	Radio Signals from Live Cells: The Coming of Age of In-Cell Solution NMR.. <i>Chemical Reviews</i> , 2022 ,	68.1	5
30	Remnants of the Balbiani body are required for formation of RNA transport granules in oocytes.. <i>IScience</i> , 2022 , 25, 103878	6.1	0
29	Injected nuclei in frog oocytes: fate, enlargement, and chromatin dispersal. <i>Development (Cambridge)</i> , 1976 , 36, 523-540	6.6	1
28	The cytoskeleton of <i>Xenopus</i> oocytes and its role in development. <i>Development (Cambridge)</i> , 1985 , 89, 1-15	6.6	1
27	The Protein Interactome of a Nanoparticle Population in Whole Cytoplasm under Near-Native Conditions: A Pilot Study. <i>Particle and Particle Systems Characterization</i> , 2100283	3.1	0
26	Normal development in <i>Xenopus laevis</i> : A complementary staging table for the skull based on cartilage and bone.. <i>Developmental Dynamics</i> , 2022 ,	2.9	
25	Sea anemone <i>Bartholomea annulata</i> venom inhibits voltage-gated Na channels and activates GABA receptors from mammals.. <i>Scientific Reports</i> , 2022 , 12, 5352	4.9	
24	Degenerative Osteoarthopathy in Laboratory Housed <i>Xenopus (Silurana) tropicalis</i> . <i>Comparative Medicine</i> , 2021 ,	1.6	
23	Image_1.JPEG. 2020 ,		

22 Image_2.JPEG. **2020**,

21 Structural changes in oocyte nucleoli of *Xenopus laevis* during oogenesis and meiotic maturation. *Chromosoma*, **1996**, 105, 111-121 2.8 1

20 Oocytes maintain ROS-free mitochondrial metabolism by suppressing complex I. 0

19 Component Analysis of Nucleolar Protein Compartments using *Xenopus laevis* oocytes. *Development Growth and Differentiation*, 3 1

18 Synthesis of RNA in oocytes of *Xenopus laevis* during culture in vitro. **1974**, 32, 515-532 0

17 Accumulation, spatial distribution and partial characterization of poly(A)+RNA in the developing oocytes of *Xenopus laevis*. **1981**, 66, 127-140 0

16 Intermediate filaments in the *Xenopus* oocyte: the appearance and distribution of cyokeratin-containing filaments. **1984**, 83, 157-167 1

15 Oocytes and early embryos of *Xenopus laevis* contain intermediate filaments which react with anti-mammalian vimentin antibodies. **1984**, 83, 169-187 1

14 An analysis of protein synthesis patterns during early embryogenesis of the urodele - *Ambystoma mexicanum*. **1985**, 89, 71-92 0

13 Distribution of nuclear proteins during maturation of the *Xenopus* oocyte. **1985**, 89, 17-34 2

12 The stability and movement of mRNA in *Xenopus* oocytes and embryos. **1986**, 97, 197-209 0

11 Established Protocols for cRNA Expression and Voltage-Clamp Characterization of the P2X7 Receptor in *Xenopus laevis* Oocytes. *Methods in Molecular Biology*, **2022**, 157-192 1.4 0

10 Oocytes maintain ROS-free mitochondrial metabolism by suppressing complex I. *Nature*, **2022**, 607, 756-761 36.4 7

9 The Nuclear-to-Cytoplasmic Ratio: Coupling DNA Content to Cell Size, Cell Cycle, and Biosynthetic Capacity. **2022**, 56, 0

8 Comparison of RNA localization during oogenesis within *Acipenser ruthenus* and *Xenopus laevis*. 10, 0

7 Multienzyme activity profiling for evaluation of cell-to-cell variability of metabolic state. 0

6 Germ Granules in Animal Oogenesis. **2022**, 10, 43 0

5 *Xenopus* Oocytes as a Powerful Cellular Model to Study Foreign Fully-Processed Membrane Proteins. **2022**, 12, 986 1

- 4 Karyosphere Capsule in Oocytes of the Grass Frog: To Be or Not to Be? A Critical View. **2022**, 16, 521-539 ○
- 3 Human SLFN5 and its *Xenopus Laevis* ortholog regulate entry into mitosis and oocyte meiotic resumption. **2022**, 8, ○
- 2 A Pipette Tip Integrated with a Capacitive Microsensor Fabricated by Combined 3D Printing and MEMS Process for Cell Detection and Transportation. **2023**, ○
- 1 A review of the reproductive system in anuran amphibians. **2023**, 9, ○