# Ruth Lehmann

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 174 papers | 21,549 citations | 7251 80 h-index | 11946 139 g-index |
| 188 all docs | 188 docs citations | 188 times ranked | 14111 citing authors |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 1 | Basic science under threat: Lessons from the Skirball Institute. Cell, 2022, 185, 755-758. | 13.5 | 0 |
| 2 | Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. Science, 2022, 375, eabk2432. | 6.0 | 295 |
| 3 | Angelika Amon (1967â€“2020). Cell, 2021, 184, 10-14. | 13.5 | 44 |
| 4 | A transitory signaling center controls timing of primordial germ cell differentiation. Developmental Cell, 2021, 56, 1742-1755.e4. | 3.1 | 10 |
| 5 | A single-cell atlas reveals unanticipated cell type complexity in <i>Drosophila</i> ovaries. Genome Research, 2021, 31, 1938-1951. | 2.4 | 38 |
| 6 | Large Drosophila germline piRNA clusters are evolutionarily labile and dispensable for transposon regulation. Molecular Cell, 2021, 81, 3965-3978.e5. | 4.5 | 50 |
| 7 | Model organism databases are in jeopardy. Development (Cambridge), 2021, 148, . | 1.2 | 9 |
| 8 | A single-cell atlas of the developing <i>Drosophila</i> ovary identifies follicle stem cell progenitors. Genes and Development, 2020, 34, 239-249. | 2.7 | 62 |
| 9 | Collectively stabilizing and orienting posterior migratory forces disperses cell clusters in vivo. Nature Communications, 2020, 11, 4477. | 5.8 | 13 |
| 10 | Sequence-Independent Self-Assembly of Germ Granule mRNAs into Homotypic Clusters. Molecular Cell, 2020, 78, 941-950.e12. | 4.5 | 58 |
| 11 | Translational Control during Developmental Transitions. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032987. | 2.3 | 60 |
| 12 | Transforming Samples into Data â€“ Experimental Design and Sample Preparation for Electron Microscopy. Microscopy and Microanalysis, 2019, 25, 714-715. | 0.2 | 0 |
| 13 | Germ granules in <i>Drosophila</i>. Traffic, 2019, 20, 650-660. | 1.3 | 91 |
| 14 | Preface. Current Topics in Developmental Biology, 2019, 135, xi-xiv. | 1.0 | 0 |
| 15 | Mitochondrial fragmentation drives selective removal of deleterious mtDNA in the germline. Nature, 2019, 570, 380-384. | 13.7 | 159 |
| 16 | Human organoids: a new dimension in cell biology. Molecular Biology of the Cell, 2019, 30, 1129-1137. | 0.9 | 83 |
| 17 | L(3)mbt and the LINT complex safeguard cellular identity in the Drosophila ovary. Development (Cambridge), 2018, 145, . | 1.2 | 14 |
| 18 | Whole genome screen reveals a novel relationship between Wolbachia levels and Drosophila host translation. PLoS Pathogens, 2018, 14, e1007445. | 2.1 | 42 |

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| 19 | Matchmaking molecule for egg and sperm. Science, 2018, 361, 974-975. | 6.0 | 3 |
| 20 | Meeting report: mobile genetic elements and genome plasticity 2018. Mobile DNA, 2018, 9, 21. | 1.3 | 3 |
| 21 | Phase transitioned nuclear Oskar promotes cell division of Drosophila primordial germ cells. ELife, 2018, 7, . | 2.8 | 75 |
| 22 | Quantitative Differences in a Single Maternal Factor Determine Survival Probabilities among Drosophila Germ Cells. Current Biology, 2017, 27, 291-297. | 1.8 | 22 |
| 23 | mRNA quantification using single-molecule FISH in Drosophila embryos. Nature Protocols, 2017, 12, 1326-1348. | 5.5 | 92 |
| 24 | Not just Salk. Science, 2017, 357, 1105-1106. | 6.0 | 4 |
| 25 | GCL and CUL3 Control the Switch between Cell Lineages by Mediating Localized Degradation of an RTK. Developmental Cell, 2017, 42, 130-142.e7. | 3.1 | 27 |
| 26 | piRNA-mediated regulation of transposon alternative splicing in the soma and germ line. Nature, 2017, 552, 268-272. | 13.7 | 103 |
| 27 | Domain-specific control of germ cell polarity and migration by multifunction Tre1 GPCR. Journal of Cell Biology, 2017, 216, 2945-2958. | 2.3 | 28 |
| 28 | All about the RNA after all. ELife, 2017, 6, . | 2.8 | 7 |
| 29 | Long Oskar Controls Mitochondrial Inheritance in Drosophila melanogaster. Developmental Cell, 2016, 39, 560-571. | 3.1 | 65 |
| 30 | Preprints for the life sciences. Science, 2016, 352, 899-901. | 6.0 | 119 |
| 31 | Germ Plasm Biogenesisâ€"An Oskar-Centric Perspective. Current Topics in Developmental Biology, 2016, 116, 679-707. | 1.0 | 104 |
| 32 | Finding their way: themes in germ cell migration. Current Opinion in Cell Biology, 2016, 42, 128-137. | 2.6 | 76 |
| 33 | Regulation of Ribosome Biogenesis and Protein Synthesis Controls Germline Stem Cell Differentiation. Cell Stem Cell, 2016, 18, 276-290. | 5.2 | 199 |
| 34 | Curly Encodes Dual Oxidase, Which Acts with Heme Peroxidase Curly Su to Shape the Adult Drosophila Wing. PLoS Genetics, 2015, 11, e1005625. | 1.5 | 36 |
| 35 | The Transgenic RNAi Project at Harvard Medical School: Resources and Validation. Genetics, 2015, 201, 843-852. | 1.2 | 502 |
| 36 | The cellular basis of hybrid dysgenesis and Stellate regulation in Drosophila. Current Opinion in Genetics and Development, 2015, 34, 88-94. | 1.5 | 38 |

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| 37 | Drosophila germ granules are structured and contain homotypic mRNA clusters. Nature Communications, 2015, 6, 7962. | 5.8 | 151 |
| 38 | ATP synthase promotes germ cell differentiation independent of oxidative phosphorylation. Nature Cell Biology, 2015, 17, 689-696. | 4.6 | 99 |
| 39 | Structure of <i>Drosophila</i> Oskar reveals a novel RNA binding protein. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11541-11546. | 3.3 | 52 |
| 40 | Translational control in germline stem cell development. Journal of Cell Biology, 2014, 207, 13-21. | 2.3 | 84 |
| 41 | Structure and domain organization of Drosophila Tudor. Cell Research, 2014, 24, 1146-1149. | 5.7 | 12 |
| 42 | Genetic Modifier Screens to Identify Components of a Redox-Regulated Cell Adhesion and Migration Pathway. Methods in Enzymology, 2013, 528, 197-215. | 0.4 | 4 |
| 43 | A spindle-independent cleavage pathway controls germ cell formation in Drosophila. Nature Cell Biology, 2013, 15, 839-845. | 4.6 | 50 |
| 44 | <i>Drosophila</i> primordial germ cell migration requires epithelial remodeling of the endoderm. Development (Cambridge), 2012, 139, 2101-2106. | 1.2 | 24 |
| 45 | Germline Stem Cells: Origin and Destiny. Cell Stem Cell, 2012, 10, 729-739. | 5.2 | 98 |
| 46 | The Drosophila Actin Regulator ENABLED Regulates Cell Shape and Orientation during Gonad Morphogenesis. PLoS ONE, 2012, 7, e52649. | 1.1 | 17 |
| 47 | Modeling Human Disease. Science, 2012, 337, 269-269. | 6.0 | 10 |
| 48 | Redox regulation of cell migration and adhesion. Trends in Cell Biology, 2012, 22, 107-115. | 3.6 | 204 |
| 49 | Peroxiredoxin Stabilization of DE-Cadherin Promotes Primordial Germ Cell Adhesion. Developmental Cell, 2011, 20, 233-243. | 3.1 | 46 |
| 50 | piRNA Production Requires Heterochromatin Formation in Drosophila. Current Biology, 2011, 21, 1373-1379. | 1.8 | 195 |
| 51 | Ruth Lehmann: Germ cells do things differently. Journal of Cell Biology, 2011, 194, 660-661. | 2.3 | 0 |
| 52 | Vreteno, a gonad-specific protein, is essential for germline development and primary piRNA biogenesis in Drosophila. Development (Cambridge), 2011, 138, 4039-4050. | 1.2 | 104 |
| 53 | Lipid phosphate phosphatase activity regulates dispersal and bilateral sorting of embryonic germ cells in <i>Drosophila</i>. Development (Cambridge), 2010, 137, 1815-1823. | 1.2 | 34 |
| 54 | RhoL controls invasion and Rap1 localization during immune cell transmigration in Drosophila. Nature Cell Biology, 2010, 12, 605-610. | 4.6 | 59 |

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| 55 | Mechanisms guiding primordial germ cell migration: strategies from different organisms. Nature Reviews Molecular Cell Biology, 2010, 11, 37-49. | 16.1 | 450 |
| 56 | Structural basis for methylarginine-dependent recognition of Aubergine by Tudor. Genes and Development, 2010, 24, 1876-1881. | 2.7 | 117 |
| 57 | Lifespan Extension by Preserving Proliferative Homeostasis in Drosophila. PLoS Genetics, 2010, 6, e1001159. | 1.5 | 303 |
| 58 | Altered dynein-dependent transport in piRNA pathway mutants. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9691-9696. | 3.3 | 14 |
| 59 | Temporal and Spatial Control of Germ-Plasm RNAs. Current Biology, 2009, 19, 72-77. | 1.8 | 98 |
| 60 | A functional antagonism between the pgc germline repressor and torso in the development of somatic cells. EMBO Reports, 2009, 10, 1059-1065. | 2.0 | 9 |
| 61 | An ABC Transporter Controls Export of a <i>Drosophila</i> Germ Cell Attractant. Science, 2009, 323, 943-946. | 6.0 | 93 |
| 62 | Hedgehog does not guide migrating Drosophila germ cells. Developmental Biology, 2009, 328, 355-362. | 0.9 | 17 |
| 63 | Isolation of new polar granule components in Drosophila reveals P body and ER associated proteins. Mechanisms of Development, 2008, 125, 865-873. | 1.7 | 97 |
| 64 | Differential requirements of a mitotic acetyltransferase in somatic and germ line cells. Developmental Biology, 2008, 323, 197-206. | 0.9 | 33 |
| 65 | Germ Cells Are Forever. Cell, 2008, 132, 559-562. | 13.5 | 121 |
| 66 | Regulating Gene Expression in the Drosophila Germ Line. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 1-8. | 2.0 | 16 |
| 67 | Tre1 GPCR initiates germ cell transepithelial migration by regulating <i>Drosophila melanogaster</i> E-cadherin. Journal of Cell Biology, 2008, 183, 157-168. | 2.3 | 81 |
| 68 | <i>Drosophila</i> germ-line modulation of insulin signaling and lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6368-6373. | 3.3 | 260 |
| 69 | Tumbling, an Interactive Way to Move Forward. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe63. | 4.1 | 6 |
| 70 | A Maternal Screen for Genes Regulating Drosophila Oocyte Polarity Uncovers New Steps in Meiotic Progression. Genetics, 2007, 176, 1967-1977. | 1.2 | 24 |
| 71 | Changing Places: A Novel Type of Niche and Stem Cell Coordination in the Drosophila Ovary. Cell Stem Cell, 2007, 1, 239-240. | 5.2 | 3 |
| 72 | Germ Versus Soma Decisions: Lessons from Flies and Worms. Science, 2007, 316, 392-393. | 6.0 | 174 |

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| 73 | In Vivo Migration: A Germ Cell Perspective. Annual Review of Cell and Developmental Biology, 2006, 22, 237-265. | 4.0 | 112 |
| 74 | Follow the fatty brick road: lipid signaling in cell migration. Current Opinion in Genetics and Development, 2006, 16, 348-354. | 1.5 | 20 |
| 75 | Somaâ€“germline interactions coordinate homeostasis and growth in the Drosophila gonad. Nature, 2006, 443, 97-100. | 13.7 | 121 |
| 76 | The role of Tudor domains in germline development and polar granule architecture. Development (Cambridge), 2006, 133, 4053-4062. | 1.2 | 116 |
| 77 | Control of lateral migration and germ cell elimination by the Drosophila melanogaster lipid phosphate phosphatases Wunen and Wunen 2. Journal of Cell Biology, 2005, 171, 675-683. | 2.3 | 102 |
| 78 | twin, a CCR4 homolog, regulates cyclin poly(A) tail length to permit Drosophila oogenesis. Development (Cambridge), 2005, 132, 1165-1174. | 1.2 | 72 |
| 79 | Germ line versus soma: distinction, competition, and interaction. Harvey Lectures, 2005, 101, 21-38. | 0.2 | 0 |
| 80 | Soma-Germ Line Competition for Lipid Phosphate Uptake Regulates Germ Cell Migration and Survival. Science, 2004, 305, 1963-1966. | 6.0 | 84 |
| 81 | How different is Venus from Mars? The genetics of germ-line stem cells in Drosophila females and males. Development (Cambridge), 2004, 131, 4895-4905. | 1.2 | 86 |
| 82 | Egalitarian binds dynein light chain to establish oocyte polarity and maintain oocyte fate. Nature Cell Biology, 2004, 6, 427-435. | 4.6 | 178 |
| 83 | A Noncoding RNA Is Required for the Repression of RNApolII-Dependent Transcription in Primordial Germ Cells. Current Biology, 2004, 14, 159-165. | 1.8 | 137 |
| 84 | Repression of Primordial Germ Cell Differentiation Parallels Germ Line Stem Cell Maintenance. Current Biology, 2004, 14, 981-986. | 1.8 | 128 |
| 85 | Germ Cell Specification and Migration in Drosophila and beyond. Current Biology, 2004, 14, R578-R589. | 1.8 | 175 |
| 86 | Isoprenoids Control Germ Cell Migration Downstream of HMGCoA Reductase. Developmental Cell, 2004, 6, 283-293. | 3.1 | 95 |
| 87 | Germ-cell attraction. Nature, 2003, 421, 226-227. | 13.7 | 36 |
| 88 | An essential role of DmRad51/SpnA in DNA repair and meiotic checkpoint control. EMBO Journal, 2003, 22, 5863-5874. | 3.5 | 157 |
| 89 | fear of intimacy encodes a novel transmembrane protein required for gonad morphogenesis in Drosophila. Development (Cambridge), 2003, 130, 2355-2364. | 1.2 | 82 |
| 90 | Germ line stem cell differentiation in Drosophila requires gap junctions and proceeds via an intermediate state. Development (Cambridge), 2003, 130, 6625-6634. | 1.2 | 95 |

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| 91 | The chemokine SDF1/CXCL12 and its receptor CXCR4 regulate mouse germ cell migration and survival. Development (Cambridge), 2003, 130, 4279-4286. | 1.2 | 399 |
| 92 | Tre1, a G Protein-Coupled Receptor, Directs Transepithelial Migration of Drosophila Germ Cells. PLoS Biology, 2003, 1, e80. | 2.6 | 116 |
| 93 | Identification and Analysis of Mutations inbob, Doaand Eight New Genes Required for Oocyte Specification and Development inDrosophila melanogaster. Genetics, 2003, 164, 1435-1446. | 1.2 | 29 |
| 94 | <i>l(3)malignant brain tumor</i> and Three Novel Genes Are Required for Drosophila Germ-Cell Formation. Genetics, 2003, 165, 1889-1900. | 1.2 | 44 |
| 95 | Metabolism of sphingosine 1-phosphate and lysophosphatidic acid: a genome wide analysis of gene expression in Drosophila. Mechanisms of Development, 2002, 119, S293-S301. | 1.7 | 25 |
| 96 | A germline-specific gap junction protein required for survival of differentiating early germ cells. Development (Cambridge), 2002, 129, 2529-2539. | 1.2 | 172 |
| 97 | Slow as Molasses is required for polarized membrane growth and germ cell migration in<i>Drosophila</i>. Development (Cambridge), 2002, 129, 3925-3934. | 1.2 | 50 |
| 98 | A germline-specific gap junction protein required for survival of differentiating early germ cells. Development (Cambridge), 2002, 129, 2529-39. | 1.2 | 79 |
| 99 | Slow as molasses is required for polarized membrane growth and germ cell migration in Drosophila. Development (Cambridge), 2002, 129, 3925-34. | 1.2 | 27 |
| 100 | Moving towards the next generation. Mechanisms of Development, 2001, 105, 5-18. | 1.7 | 155 |
| 101 | Cell migration in invertebrates: clues from border and distal tip cells. Current Opinion in Genetics and Development, 2001, 11, 457-463. | 1.5 | 66 |
| 102 | Oogenesis: Setting one sister above the rest. Current Biology, 2001, 11, R162-R165. | 1.8 | 15 |
| 103 | Poly(A)-independent regulation of maternal hunchback translation in the Drosophila embryo. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11359-11364. | 3.3 | 85 |
| 104 | Spatially restricted activity of a <i>Drosophila</i> lipid phosphatase guides migrating germ cells. Development (Cambridge), 2001, 128, 983-991. | 1.2 | 148 |
| 105 | Spatially restricted activity of a Drosophila lipid phosphatase guides migrating germ cells. Development (Cambridge), 2001, 128, 983-91. | 1.2 | 57 |
| 106 | DEVELOPMENT: PARallels in Axis Formation. Science, 2000, 288, 1759-1760. | 6.0 | 3 |
| 107 | Drosophila oogenesis: Versatile spn doctors. Current Biology, 1999, 9, R55-R58. | 1.8 | 20 |
| 108 | Cell migration in Drosophila. Current Opinion in Genetics and Development, 1999, 9, 473-478. | 1.5 | 20 |

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| 109 | The PUMILIOâˆ’RNA Interaction:â€‰ A Single RNA-Binding Domain Monomer Recognizes a Bipartite Target Sequence. Biochemistry, 1999, 38, 596-604. | 1.2 | 86 |
| 110 | Targeted mRNA degradation by double-stranded RNA in vitro. Genes and Development, 1999, 13, 3191-3197. | 2.7 | 714 |
| 111 | A Selective Screen Reveals Discrete Functional Domains in Drosophila Nanos. Genetics, 1999, 153, 1825-1838. | 1.2 | 35 |
| 112 | HMG-CoA reductase guides migrating primordial germ cells. Nature, 1998, 396, 466-469. | 13.7 | 170 |
| 113 | Regulation of zygotic gene expression in Drosophila primordial germ cells. Current Biology, 1998, 8, 243-246. | 1.8 | 592 |
| 114 | <i>zfh-1</i> is required for germ cell migration and gonadal mesoderm development in <i>Drosophila</i>. Development (Cambridge), 1998, 125, 655-666. | 1.2 | 107 |
| 115 | Identification of genes controlling germ cell migration and embryonic gonad formation in <i>Drosophila</i>. Development (Cambridge), 1998, 125, 667-678. | 1.2 | 127 |
| 116 | Nanos and Pumilio have critical roles in the development and function of <i>Drosophila</i> germline stem cells. Development (Cambridge), 1998, 125, 679-690. | 1.2 | 420 |
| 117 | Gonadal mesoderm and fat body initially follow a common developmental path in <i>Drosophila</i>. Development (Cambridge), 1998, 125, 837-844. | 1.2 | 66 |
| 118 | zfh-1 is required for germ cell migration and gonadal mesoderm development in Drosophila. Development (Cambridge), 1998, 125, 655-66. | 1.2 | 46 |
| 119 | Identification of genes controlling germ cell migration and embryonic gonad formation in Drosophila. Development (Cambridge), 1998, 125, 667-78. | 1.2 | 49 |
| 120 | Nanos and Pumilio have critical roles in the development and function of Drosophila germline stem cells. Development (Cambridge), 1998, 125, 679-90. | 1.2 | 192 |
| 121 | Gonadal mesoderm and fat body initially follow a common developmental path in Drosophila. Development (Cambridge), 1998, 125, 837-44. | 1.2 | 23 |
| 122 | An Egalitarian-BicaudalD complex is essential for oocyte specification and axis determination in Drosophila.. Genes and Development, 1997, 11, 423-435. | 2.7 | 190 |
| 123 | Cell migration: Donâ€™t tread on me. Current Biology, 1997, 7, R148-R150. | 1.8 | 5 |
| 124 | A CCHC metal-binding domain in Nanos is essential for translational regulation. EMBO Journal, 1997, 16, 834-843. | 3.5 | 108 |
| 125 | The Pumilio protein binds RNA through a conserved domain that defines a new class of RNA-binding proteins. Rna, 1997, 3, 1421-33. | 1.6 | 270 |
| 126 | Germ plasm assembly and germ cell migration in Drosophila. Cold Spring Harbor Symposia on Quantitative Biology, 1997, 62, 1-11. | 2.0 | 22 |

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| 127 | GERM CELL DEVELOPMENT INDROSOPHILA. Annual Review of Cell and Developmental Biology, 1996, 12, 365-391. | 4.0 | 221 |
| 128 | Identification ofcis-Acting Sequences That ControlnanosRNA Localization. Developmental Biology, 1996, 176, 36-50. | 0.9 | 119 |
| 129 | Regulated synthesis, transport and assembly of the Drosophila germ plasm. Trends in Genetics, 1996, 12, 102-109. | 2.9 | 131 |
| 130 | Drosophila development: Homeodomains and translational control. Current Biology, 1996, 6, 773-775. | 1.8 | 7 |
| 131 | From screens to genes: prospects for insertional mutagenesis in zebrafish.. Genes and Development, 1996, 10, 3077-3080. | 2.7 | 19 |
| 132 | A conserved 90 nucleotide element mediates translational repression of <i>nanos</i> RNA. Development (Cambridge), 1996, 122, 2791-2800. | 1.2 | 161 |
| 133 | A conserved 90 nucleotide element mediates translational repression of nanos RNA. Development (Cambridge), 1996, 122, 2791-800. | 1.2 | 52 |
| 134 | Cell-cell signaling, microtubules, and the loss of symmetry in the drosophila oocyte. Cell, 1995, 83, 353-356. | 13.5 | 48 |
| 135 | Translational regulation in development. Cell, 1995, 81, 171-178. | 13.5 | 400 |
| 136 | Establishment of embryonic polarity during Drosophila oogenesis. Seminars in Developmental Biology, 1995, 6, 25-38. | 1.3 | 10 |
| 137 | <i>nanos</i> is an evolutionarily conserved organizer of anterior-posterior polarity. Development (Cambridge), 1995, 121, 1899-1910. | 1.2 | 94 |
| 138 | Localization of <i>oskar</i> RNA regulates <i>oskar</i> translation and requires Oskar protein. Development (Cambridge), 1995, 121, 2737-2746. | 1.2 | 193 |
| 139 | Localization of oskar RNA regulates oskar translation and requires Oskar protein. Development (Cambridge), 1995, 121, 2737-46. | 1.2 | 69 |
| 140 | nanos is an evolutionarily conserved organizer of anterior-posterior polarity. Development (Cambridge), 1995, 121, 1899-910. | 1.2 | 27 |
| 141 | Genetics of nanos localization in Drosophila. Developmental Dynamics, 1994, 199, 103-115. | 0.8 | 229 |
| 142 | A role of polycomb group genes in the regulation of gap gene expression in Drosophila. Trends in Genetics, 1994, 10, 264. | 2.9 | 7 |
| 143 | Translational regulation of nanos by RNA localization. Nature, 1994, 369, 315-318. | 13.7 | 286 |
| 144 | Chapter 30 In Situ Hybridization to RNA. Methods in Cell Biology, 1994, 44, 575-598. | 0.5 | 198 |

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| 145 | RNA Localization During Oogenesis in Drosophila. Advances in Developmental Biology (1992), 1994, , 115-136. | 1.1 | 0 |
| 146 | Germ Plasm Formation and Germ Cell Determination in <i>Drosophila</i>. Novartis Foundation Symposium, 1994, 182, 282-304. | 1.2 | 22 |
| 147 | A role of polycomb group genes in the regulation of gap gene expression in Drosophila.. Genetics, 1994, 136, 1341-1353. | 1.2 | 114 |
| 148 | Germ plasm formation and germ cell determination. Seminars in Developmental Biology, 1993, 4, 149-159. | 1.3 | 13 |
| 149 | Pumilio is essential for function but not for distribution of the Drosophila abdominal determinant Nanos.. Genes and Development, 1992, 6, 2312-2326. | 2.7 | 183 |
| 150 | Germ-plasm formation and germ-cell determination in Drosophila. Current Opinion in Genetics and Development, 1992, 2, 543-549. | 1.5 | 29 |
| 151 | Localization of nanos RNA controls embryonic polarity. Cell, 1992, 71, 301-313. | 13.5 | 373 |
| 152 | Induction of germ cell formation by oskar. Nature, 1992, 358, 387-392. | 13.7 | 598 |
| 153 | The <i>fat facets</i> gene is required for <i>Drosophila</i> eye and embryo development. Development (Cambridge), 1992, 116, 985-1000. | 1.2 | 177 |
| 154 | The fat facets gene is required for Drosophila eye and embryo development. Development (Cambridge), 1992, 116, 985-1000. | 1.2 | 68 |
| 155 | Nanos is the localized posterior determinant in Drosophila. Cell, 1991, 66, 637-647. | 13.5 | 478 |
| 156 | oskar organizes the germ plasm and directs localization of the posterior determinant nanos. Cell, 1991, 66, 37-50. | 13.5 | 768 |
| 157 | The maternal gene <i>nanos</i> has a central role in posterior pattern formation of the <i>Drosophila</i> embryo. Development (Cambridge), 1991, 112, 679-691. | 1.2 | 315 |
| 158 | The maternal gene nanos has a central role in posterior pattern formation of the Drosophila embryo. Development (Cambridge), 1991, 112, 679-91. | 1.2 | 109 |
| 159 | The Drosophila posterior-group gene nanos functions by repressing hunchback activity. Nature, 1989, 338, 646-648. | 13.7 | 297 |
| 160 | The function of PS integrins during Drosophila embryogenesis. Cell, 1989, 56, 401-408. | 13.5 | 248 |
| 161 | Drosophila nurse cells produce a posterior signal required for embryonic segmentation and polarity. Nature, 1988, 335, 68-70. | 13.7 | 53 |
| 162 | Phenotypic comparison between maternal and zygotic genes controlling the segmental pattern of the <i>Drosophila</i> embryo. Development (Cambridge), 1988, 104, 17-27. | 1.2 | 31 |

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| 163 | Finger protein of novel structure encoded by hunchback, a second member of the gap class of Drosophila segmentation genes. Nature, 1987, 327, 383-389. | 13.7 | 426 |
| 164 | Determination of anteroposterior polarity in Drosophila. Science, 1987, 238, 1675-1681. | 6.0 | 671 |
| 165 | hunchback, a gene required for segmentation of an anterior and posterior region of the Drosophila embryo. Developmental Biology, 1987, 119, 402-417. | 0.9 | 306 |
| 166 | Involvement of the pumilio gene in the transport of an abdominal signal in the Drosophila embryo. Nature, 1987, 329, 167-170. | 13.7 | 138 |
| 167 | A gap gene, hunchback, regulates the spatial expression of Ultrabithorax. Cell, 1986, 47, 311-321. | 13.5 | 216 |
| 168 | Abdominal segmentation, pole cell formation, and embryonic polarity require the localized activity of oskar, a maternal gene in drosophila. Cell, 1986, 47, 141-152. | 13.5 | 459 |
| 169 | Segmental organisation of the head in the embryo of Drosophila melanogaster. Roux's Archives of Developmental Biology, 1986, 195, 359-377. | 1.2 | 183 |
| 170 | Cross-regulatory interactions among the gap genes of Drosophila. Nature, 1986, 324, 668-670. | 13.7 | 169 |
| 171 | Molecular Analysis of Kruppel, a Segmentation Gene of Drosophila melanogaster. Cold Spring Harbor Symposia on Quantitative Biology, 1985, 50, 465-473. | 2.0 | 26 |
| 172 | A Genetic Analysis of Early Neurogenesis in Drosophila. , 1984, , 129-143. | | 9 |
| 173 | On the phenotype and development of mutants of early neurogenesis inDrosophila melanogaster. Wilhelm Roux's Archives of Developmental Biology, 1983, 192, 62-74. | 1.4 | 453 |
| 174 | Mutations of early neurogenesis inDrosophila. Wilhelm Roux's Archives of Developmental Biology, 1981, 190, 226-229. | 1.4 | 108 |