# Serge Nef

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/220873/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 135<br>papers | 10,227<br>citations | 36303<br>51<br>h-index | 36028<br>97<br>g-index |
| 150<br>all docs | 150<br>docs citations | 150<br>times ranked | 12406<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Loss of NEDD4 causes complete XY gonadal sex reversal in mice. Cell Death and Disease, 2022, 13, 75. | 6.3 | 2 |
| 2 | Single-cell transcriptomics identifies potential cells of origin of MYC rhabdoid tumors. Nature Communications, 2022, 13, 1544. | 12.8 | 9 |
| 3 | Combined Use of Whole Exome Sequencing and CRISPR/Cas9 to Study the Etiology of Non-Obstructive Azoospermia: Demonstration of the Dispensable Role of the Testis-Specific Genes C1orf185 and CCT6B. Cells, 2022, 11, 118. | 4.1 | 1 |
| 4 | Oligogenic heterozygous inheritance of sperm abnormalities in mouse. ELife, 2022, 11, . | 6.0 | 12 |
| 5 | Origin, specification and differentiation of a rare supporting-like lineage in the developing mouse gonad. Science Advances, 2022, 8, . | 10.3 | 32 |
| 6 | ATRT-15. Primordial germ cells identified as one potential cell of origin of MYC rhabdoid tumors. Neuro-Oncology, 2022, 24, i6-i6. | 1.2 | 0 |
| 7 | Deciphering the origins and fates of steroidogenic lineages in the mouse testis. Cell Reports, 2022, 39, 110935. | 6.4 | 11 |
| 8 | Deficiency in insulinâ€like growth factors signalling in mouse Leydig cells increase conversion of testosterone to estradiol because of feminization. Acta Physiologica, 2021, 231, e13563. | 3.8 | 5 |
| 9 | Maternal occupational exposure to endocrine-disrupting chemicals during pregnancy and semen parameters in adulthood: results of a nationwide cross-sectional study among Swiss conscripts. Human Reproduction, 2021, 36, 1948-1958. | 0.9 | 16 |
| 10 | Singleâ€cell transcriptomics reveal temporal dynamics of critical regulators of germ cell fate during mouse sex determination. FASEB Journal, 2021, 35, e21452. | 0.5 | 36 |
| 11 | Specific Transcriptomic Signatures and Dual Regulation of Steroidogenesis Between Fetal and Adult Mouse Leydig Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 695546. | 3.7 | 19 |
| 12 | O-228 The SSRI antidepressant Sertraline inhibits CatSper calcium channels in human sperm. Human Reproduction, 2021, 36, . | 0.9 | 0 |
| 13 | The antidepressant Sertraline inhibits CatSper Ca2+ channels in human sperm. Human Reproduction, 2021, 36, 2638-2648. | 0.9 | 15 |
| 14 | A Novel WT1 Mutation Identified in a 46,XX Testicular/Ovotesticular DSD Patient Results in the Retention of Intron 9. Biology, 2021, 10, 1248. | 2.8 | 8 |
| 15 | Pathogenic variants in the DEAH-box RNA helicase DHX37 are a frequent cause of 46,XY gonadal dysgenesis and 46,XY testicular regression syndrome. Genetics in Medicine, 2020, 22, 150-159. | 2.4 | 34 |
| 16 | Steroid profile analysis by LC-HRMS in human seminal fluid. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1136, 121929. | 2.3 | 13 |
| 17 | Genetic Ablation of MiR-22 Fosters Diet-Induced Obesity and NAFLD Development. Journal of Personalized Medicine, 2020, 10, 170. | 2.5 | 21 |
| 18 | The FKBP4 Gene, Encoding a Regulator of the Androgen Receptor Signaling Pathway, Is a Novel Candidate Gene for Androgen Insensitivity Syndrome. International Journal of Molecular Sciences, 2020, 21, 8403. | 4.1 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ablation of the canonical testosterone production pathway via knockout of the steroidogenic enzyme HSD17B3, reveals a novel mechanism of testicular testosterone production. FASEB Journal, 2020, 34, 10373-10386. | 0.5 | 39 |
| 20 | CatSper: The complex main gate of calcium entry in mammalian spermatozoa. Molecular and Cellular Endocrinology, 2020, 518, 110951. | 3.2 | 40 |
| 21 | Regional difference in semen quality of young men: a review on the implication of environmental and lifestyle factors during fetal life and adulthood. Basic and Clinical Andrology, 2020, 30, 16. | 1.9 | 13 |
| 22 | Protection Against XY Gonadal Sex Reversal by a Variant Region on Mouse Chromosome 13. Genetics, 2020, 214, 467-477. | 2.9 | 6 |
| 23 | Semen endocannabinoids are correlated to sperm quality in a cohort of 200 young Swiss men. Andrology, 2020, 8, 1126-1135. | 3.5 | 11 |
| 24 | Pantoprazole, a protonâ€pump inhibitor, impairs human sperm motility and capacitation in vitro. Andrology, 2020, 8, 1795-1804. | 3.5 | 9 |
| 25 | The gene encoding the ketogenic enzyme HMGCS2 displays a unique expression during gonad development in mice. PLoS ONE, 2020, 15, e0227411. | 2.5 | 12 |
| 26 | Meiosis occurs normally in the fetal ovary of mice lacking all retinoic acid receptors. Science Advances, 2020, 6, . | 10.3 | 41 |
| 27 | Retinoic acid synthesis by ALDH1A proteins is dispensable for meiosis initiation in the mouse fetal ovary. Science Advances, 2020, 6, eaaz1261. | 10.3 | 29 |
| 28 | Insulin/IGF1 signaling regulates the mitochondrial biogenesis markers in steroidogenic cells of prepubertal testis, but not ovaryâ€. Biology of Reproduction, 2019, 100, 253-267. | 2.7 | 14 |
| 29 | The Insulin/IGF System in Mammalian Sexual Development and Reproduction. International Journal of Molecular Sciences, 2019, 20, 4440. | 4.1 | 47 |
| 30 | The ReproGenomics Viewer: a multi-omics and cross-species resource compatible with single-cell studies for the reproductive science community. Bioinformatics, 2019, 35, 3133-3139. | 4.1 | 49 |
| 31 | Tumor Suppressor PTEN Regulates Negatively Sertoli Cell Proliferation, Testis Size, and Sperm Production In Vivo. Endocrinology, 2019, 160, 387-398. | 2.8 | 20 |
| 32 | Bi-allelic Mutations in ARMC2 Lead to Severe Astheno-Teratozoospermia Due to Sperm Flagellum Malformations in Humans and Mice. American Journal of Human Genetics, 2019, 104, 331-340. | 6.2 | 113 |
| 33 | Genetic resistance to DEHP-induced transgenerational endocrine disruption. PLoS ONE, 2019, 14, e0208371. | 2.5 | 18 |
| 34 | Semen quality of young men in Switzerland: a nationwide crossâ€sectional populationâ€based study. Andrology, 2019, 7, 818-826. | 3.5 | 30 |
| 35 | Dissecting Cell Lineage Specification and Sex Fate Determination in Gonadal Somatic Cells Using Single-Cell Transcriptomics. Cell Reports, 2019, 26, 3272-3283.e3. | 6.4 | 137 |
| 36 | Genetic Control of Gonadal Sex Determination and Development. Trends in Genetics, 2019, 35, 346-358. | 6.7 | 72 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Characterizing the bipotential mammalian gonad. Current Topics in Developmental Biology, 2019, 134, 167-194. | 2.2 | 63 |
| 38 | Creation of knock out and knock in mice by CRISPR/Cas9 to validate candidate genes for human male infertility, interest, difficulties and feasibility. Molecular and Cellular Endocrinology, 2018, 468, 70-80. | 3.2 | 24 |
| 39 | <scp>PATL</scp> 2 is a key actor of oocyte maturation whose invalidation causes infertility in women and mice. EMBO Molecular Medicine, 2018, 10, . | 6.9 | 53 |
| 40 | A brief history of sex determination. Molecular and Cellular Endocrinology, 2018, 468, 3-10. | 3.2 | 20 |
| 41 | Mutations in CFAP43 and CFAP44 cause male infertility and flagellum defects in Trypanosoma and human. Nature Communications, 2018, 9, 686. | 12.8 | 173 |
| 42 | Single cell transcriptome sequencing: A new approach for the study of mammalian sex determination. Molecular and Cellular Endocrinology, 2018, 468, 11-18. | 3.2 | 19 |
| 43 | Deciphering Cell Lineage Specification during Male Sex Determination with Single-Cell RNA Sequencing. Cell Reports, 2018, 22, 1589-1599. | 6.4 | 126 |
| 44 | Steroid profiles in both blood serum and seminal plasma are not correlated and do not reflect sperm quality: Study on the male reproductive health of fifty young Swiss men. Clinical Biochemistry, 2018, 62, 39-46. | 1.9 | 16 |
| 45 | ZNRF3 functions in mammalian sex determination by inhibiting canonical WNT signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5474-5479. | 7.1 | 62 |
| 46 | The impact of new technologies in our understanding of testis formation and function. Molecular and Cellular Endocrinology, 2018, 468, 1-2. | 3.2 | 0 |
| 47 | Insulin and IGF1 receptors are essential for the development and steroidogenic function of adult Leydig cells. FASEB Journal, 2018, 32, 3321-3335. | 0.5 | 31 |
| 48 | NRG1 signalling regulates the establishment of Sertoli cell stock in the mouse testis. Molecular and Cellular Endocrinology, 2018, 478, 17-31. | 3.2 | 4 |
| 49 | A Case of Two Sisters Suffering from 46,XY Gonadal Dysgenesis and Carrying a Mutation of a Novel Candidate Sex-Determining Gene <b><i>STARD8</i></b> on the X Chromosome. Sexual Development, 2018, 12, 191-195. | 2.0 | 8 |
| 50 | <scp>SPINK</scp>2 deficiency causes infertility by inducing sperm defects in heterozygotes and azoospermia inÂhomozygotes. EMBO Molecular Medicine, 2017, 9, 1132-1149. | 6.9 | 95 |
| 51 | Sertoli Cell Number Defines and Predicts Germ and Leydig Cell Population Sizes in the Adult Mouse Testis. Endocrinology, 2017, 158, 2955-2969. | 2.8 | 105 |
| 52 | Testicular Dysgenesis Syndrome and Long-Lasting Epigenetic Silencing of Mouse Sperm Genes Involved in the Reproductive System after Prenatal Exposure to DEHP. PLoS ONE, 2017, 12, e0170441. | 2.5 | 52 |
| 53 | MPC1-like Is a Placental Mammal-specific Mitochondrial Pyruvate Carrier Subunit Expressed in Postmeiotic Male Germ Cells. Journal of Biological Chemistry, 2016, 291, 16448-16461. | 3.4 | 30 |
| 54 | Stress-activatedmiR-21/miR-21*in hepatocytes promotes lipid and glucose metabolic disorders associated with high-fat diet consumption. Gut, 2016, 65, 1871-1881. | 12.1 | 114 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Sequential transcriptional waves direct the differentiation of newborn neurons in the mouse neocortex. Science, 2016, 351, 1443-1446. | 12.6 | 264 |
| 56 | Homozygous mutation of PLCZ1 leads to defective human oocyte activation and infertility that is not rescued by the WW-binding protein PAWP. Human Molecular Genetics, 2016, 25, 878-891. | 2.9 | 112 |
| 57 | P0956 : MIR-22 deficiency exacerbates systemic and hepatic metabolic disorders associated with diet-induced obesity in mice. Journal of Hepatology, 2015, 62, S704. | 3.7 | 0 |
| 58 | Genes and Gene Defects Affecting Gonad Development and Primary Sex Determinationâ˜†. , 2015, , . | | 2 |
| 59 | DICER Regulates the Formation and Maintenance of Cell-Cell Junctions in the Mouse Seminiferous Epithelium1. Biology of Reproduction, 2015, 93, 139. | 2.7 | 27 |
| 60 | A Case of Wiedemann-Steiner Syndrome Associated with a 46,XY Disorder of Sexual Development and Gonadal Dysgenesis. Sexual Development, 2015, 9, 289-295. | 2.0 | 12 |
| 61 | Research Resource: The Dynamic Transcriptional Profile of Sertoli Cells During the Progression of Spermatogenesis. Molecular Endocrinology, 2015, 29, 627-642. | 3.7 | 74 |
| 62 | Autocrine Action of IGF2 Regulates Adult Î²-Cell Mass and Function. Diabetes, 2015, 64, 4148-4157. | 0.6 | 46 |
| 63 | Loss of Function Mutation in the Palmitoyl-Transferase HHAT Leads to Syndromic 46,XY Disorder of Sex Development by Impeding Hedgehog Protein Palmitoylation and Signaling. PLoS Genetics, 2014, 10, e1004340. | 3.5 | 63 |
| 64 | The emerging role of insulin-like growth factors in testis development and function. Basic and Clinical Andrology, 2014, 24, 12. | 1.9 | 75 |
| 65 | Sertoli cells control peritubular myoid cell fate and support adult Leydig cell development in the prepubertal testis. Development (Cambridge), 2014, 141, 2139-2149. | 2.5 | 110 |
| 66 | Germ Cell-Specific Targeting of DICER or DGCR8 Reveals a Novel Role for Endo-siRNAs in the Progression of Mammalian Spermatogenesis and Male Fertility. PLoS ONE, 2014, 9, e107023. | 2.5 | 70 |
| 67 | Cellular Source and Mechanisms of High Transcriptome Complexity in the Mammalian Testis. Cell Reports, 2013, 3, 2179-2190. | 6.4 | 497 |
| 68 | Use of rodent and human cell culture systems for the investigation of testicular toxicity. Toxicology Letters, 2013, 221, S216. | 0.8 | 2 |
| 69 | 1288 miR-21 DEFICIENCY IMPROVES GLUCOSE TOLERANCE AND HEPATIC LIPID CATABOLISM IN MICE FED A HIGH-FAT DIET. Journal of Hepatology, 2013, 58, S520-S521. | 3.7 | 0 |
| 70 | An Essential Role for Insulin and IGF1 Receptors in Regulating Sertoli Cell Proliferation, Testis Size, and FSH Action in Mice. Molecular Endocrinology, 2013, 27, 814-827. | 3.7 | 184 |
| 71 | Insulin and IGF1 Receptors Are Essential for XX and XY Gonadal Differentiation and Adrenal Development in Mice. PLoS Genetics, 2013, 9, e1003160. | 3.5 | 112 |
| 72 | DNA Methylation Profiling of the Fibrinogen Gene Landscape in Human Cells and during Mouse and Zebrafish Development. PLoS ONE, 2013, 8, e73089. | 2.5 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Prevention of Diabetes in db/db Mice by Dietary Soy Is Independent of Isoflavone Levels. Endocrinology, 2012, 153, 5200-5211. | 2.8 | 26 |
| 74 | The Glucocorticoid-Induced Leucine Zipper (GILZ) Is Essential for Spermatogonial Survival and Spermatogenesis. Sexual Development, 2012, 6, 169-177. | 2.0 | 22 |
| 75 | Soy, phytoestrogens and their impact on reproductive health. Molecular and Cellular Endocrinology, 2012, 355, 192-200. | 3.2 | 168 |
| 76 | Short-Term Treatment with Bisphenol-A Leads to Metabolic Abnormalities in Adult Male Mice. PLoS ONE, 2012, 7, e33814. | 2.5 | 150 |
| 77 | Dicer Is Required for Haploid Male Germ Cell Differentiation in Mice. PLoS ONE, 2011, 6, e24821. | 2.5 | 139 |
| 78 | Dicer1 Depletion in Male Germ Cells Leads to Infertility Due to Cumulative Meiotic and Spermiogenic Defects. PLoS ONE, 2011, 6, e25241. | 2.5 | 130 |
| 79 | Hematopoietic prostaglandin D synthase (Hâ€Pgds) is expressed in the early embryonic gonad and participates to the initial nuclear translocation of the SOX9 protein. Developmental Dynamics, 2011, 240, 2335-2343. | 1.8 | 26 |
| 80 | The liver receptor homolog-1 (LRH-1) is expressed in human islets and protects Î²-cells against stress-induced apoptosis. Human Molecular Genetics, 2011, 20, 2823-2833. | 2.9 | 37 |
| 81 | Loss of Dicer in Sertoli Cells Has a Major Impact on the Testicular Proteome of Mice. Molecular and Cellular Proteomics, 2011, 10, M900587-MCP200. | 3.8 | 80 |
| 82 | Beta- and Gamma-Cytoplasmic Actins Are Required for Meiosis in Mouse Oocytes1. Biology of Reproduction, 2011, 85, 1025-1039. | 2.7 | 24 |
| 83 | Soy, phytoâ€oestrogens and male reproductive function: a review. Journal of Developmental and Physical Disabilities, 2010, 33, 304-316. | 3.6 | 90 |
| 84 | Loss of Insl3 : A Potential Predisposing Factor for Testicular Torsion. Journal of Urology, 2010, 183, 2373-2379. | 0.4 | 24 |
| 85 | microRNAs in the Testis: Building Up Male Fertility. Journal of Andrology, 2010, 31, 26-33. | 2.0 | 150 |
| 86 | FSH-stimulated PTEN activity accounts for the lack of FSH mitogenic effect in prepubertal rat Sertoli cells. Molecular and Cellular Endocrinology, 2010, 315, 271-276. | 3.2 | 32 |
| 87 | Potential detrimental effects of a phytoestrogen-rich diet on male fertility in mice. Molecular and Cellular Endocrinology, 2010, 321, 152-160. | 3.2 | 67 |
| 88 | The Molecular Chaperone Hsp90Î± Is Required for Meiotic Progression of Spermatocytes beyond Pachytene in the Mouse. PLoS ONE, 2010, 5, e15770. | 2.5 | 139 |
| 89 | Fetal Programming of Adult Glucose Homeostasis in Mice. PLoS ONE, 2009, 4, e7281. | 2.5 | 20 |
| 90 | Insulin Receptor and IGF1R Are Not Required for Oocyte Growth, Differentiation, and Maturation in Mice. Sexual Development, 2009, 3, 264-272. | 2.0 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Perinatal Exposure to Bisphenol A Alters Early Adipogenesis in the Rat. Environmental Health Perspectives, 2009, 117, 1549-1555. | 6.0 | 382 |
| 92 | Dcp1-Bodies in Mouse Oocytes. Molecular Biology of the Cell, 2009, 20, 4951-4961. | 2.1 | 50 |
| 93 | Complementary pathways in mammalian female sex determination. Journal of Biology, 2009, 8, 74. | 2.7 | 31 |
| 94 | Sertoli cell Dicer is essential for spermatogenesis in mice. Developmental Biology, 2009, 326, 250-259. | 2.0 | 171 |
| 95 | Soy, phytoestrogens and metabolism: A review. Molecular and Cellular Endocrinology, 2009, 304, 30-42. | 3.2 | 299 |
| 96 | Special issue on the topic: Role of endocrine disruptors from the environment in the aetiology of obesity and diabetes. Molecular and Cellular Endocrinology, 2009, 304, 1-2. | 3.2 | 4 |
| 97 | Dietary Phytoestrogens Activate AMP-Activated Protein Kinase With Improvement in Lipid and Glucose Metabolism. Diabetes, 2008, 57, 1176-1185. | 0.6 | 177 |
| 98 | Diethylstilbestrol Action on Leydig Cell Function and Testicular Descent. Chimia, 2008, 62, 401. | 0.6 | 2 |
| 99 | Pancreatic Insulin Content Regulation by the Estrogen Receptor ERÎ±. PLoS ONE, 2008, 3, e2069. | 2.5 | 352 |
| 100 | Estrogen Receptor Î± Is a Major Contributor to Estrogen-Mediated Fetal Testis Dysgenesis and Cryptorchidism. Endocrinology, 2007, 148, 5507-5519. | 2.8 | 96 |
| 101 | Genetic programs that regulate testicular and ovarian development. Molecular and Cellular Endocrinology, 2007, 265-266, 3-9. | 3.2 | 51 |
| 102 | Brain-Derived Neurotrophic Factor Conditional Knockouts Show Gender Differences in Depression-Related Behaviors. Biological Psychiatry, 2007, 61, 187-197. | 1.3 | 456 |
| 103 | A Phytoestrogen-Rich Diet Increases Energy Expenditure and Decreases Adiposity in Mice. Environmental Health Perspectives, 2007, 115, 1467-1473. | 6.0 | 105 |
| 104 | Expression of Serpinb6 serpins in germ and somatic cells of mouse gonads. Molecular Reproduction and Development, 2006, 73, 9-19. | 2.0 | 18 |
| 105 | Hormonal Regulation of Male Reproductive Tract Development. Annals of the New York Academy of Sciences, 2005, 1061, 1-8. | 3.8 | 8 |
| 106 | Prostaglandin D2 induces nuclear import of the sex-determining factor SOX9 via its cAMP-PKA phosphorylation. EMBO Journal, 2005, 24, 1798-1809. | 7.8 | 201 |
| 107 | TrkB Has a Cell-Autonomous Role in the Establishment of Hippocampal Schaffer Collateral Synapses. Journal of Neuroscience, 2005, 25, 3774-3786. | 3.6 | 146 |
| 108 | Gene expression during sex determination reveals a robust female genetic program at the onset of ovarian development. Developmental Biology, 2005, 287, 361-377. | 2.0 | 263 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Induction of enhanced green fluorescent protein expression in response to lesions in the nervous system. Journal of Comparative Neurology, 2004, 474, 108-122. | 1.6 | 6 |
| 110 | Conditional Deletion of TrkB but Not BDNF Prevents Epileptogenesis in the Kindling Model. Neuron, 2004, 43, 31-42. | 8.1 | 287 |
| 111 | Altered regulation of brain-derived neurotrophic factor protein in hippocampus following slice preparation. Neuroscience, 2004, 126, 859-869. | 2.3 | 31 |
| 112 | Testis determination requires insulin receptor family function in mice. Nature, 2003, 426, 291-295. | 27.8 | 250 |
| 113 | In vivo role of truncated trkb receptors during sensory ganglion neurogenesis. Neuroscience, 2003, 117, 847-858. | 2.3 | 51 |
| 114 | Emotions are building up in the field of extracellular proteolysis. Trends in Molecular Medicine, 2003, 9, 183-185. | 6.7 | 16 |
| 115 | The Insulin-3 Gene: Lack of a Genetic Basis for Human Cryptorchidism. Journal of Urology, 2002, 167, 2534-2537. | 0.4 | 53 |
| 116 | Effects of Orchiopexy on Congenitally Cryptorchid Insulin-3 Knockout Mice. Journal of Urology, 2002, 168, 1779-1783. | 0.4 | 35 |
| 117 | The Insulin-3 Gene: Lack of a Genetic Basis for Human Cryptorchidism. Journal of Urology, 2002, , 2534-2537. | 0.4 | 4 |
| 118 | Effects of orchiopexy on congenitally cryptorchid insulin-3 knockout mice. Journal of Urology, 2002, 168, 1779-83; discussion 1783. | 0.4 | 6 |
| 119 | Neurotrophins Are Not Required for Normal Embryonic Development of Olfactory Neurons. Developmental Biology, 2001, 234, 80-92. | 2.0 | 37 |
| 120 | LEYDIG INSULIN-LIKE HORMONE, GUBERNACULAR DEVELOPMENT AND TESTICULAR DESCENT. Journal of Urology, 2001, 165, 1673-1675. | 0.4 | 53 |
| 121 | Preserved Pancreatic Î²-Cell Development and Function in Mice Lacking the Insulin Receptor-Related Receptor. Molecular and Cellular Biology, 2001, 21, 5624-5630. | 2.3 | 97 |
| 122 | LEYDIG INSULIN-LIKE HORMONE, GUBERNACULAR DEVELOPMENT AND TESTICULAR DESCENT. Journal of Urology, 2001, , 1673-1675. | 0.4 | 1 |
| 123 | mKlf7, a potential transcriptional regulator of TrkA nerve growth factor receptor expression in sensory and sympathetic neurons. Development (Cambridge), 2001, 128, 1147-1158. | 2.5 | 51 |
| 124 | Molecular genetics of Insulin3. , 2001, , 337-345. | | 0 |
| 125 | A Molecular Basis for Estrogen-Induced Cryptorchidism. Developmental Biology, 2000, 224, 354-361. | 2.0 | 176 |
| 126 | Hormones in male sexual development. Genes and Development, 2000, 14, 3075-3086. | 5.9 | 156 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Cryptorchidism in mice mutant for Insl3. Nature Genetics, 1999, 22, 295-299. | 21.4 | 674 |
| 128 | cpp32 messenger RNA neosynthesis is induced by fatal axotomy and is not regulated by athanatal Bcl-2 over-expression. Neuroscience, 1999, 90, 653-664. | 2.3 | 16 |
| 129 | Olfaction: Transient expression of a putative odorant receptor in the avian notochord. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 4766-4771. | 7.1 | 41 |
| 130 | Olfaction in birds: differential embryonic expression of nine putative odorant receptor genes in the avian olfactory system. Mechanisms of Development, 1996, 55, 65-77. | 1.7 | 83 |
| 131 | Direct modulation of calmodulin targets by the neuronal calcium sensor NCS-1.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9253-9258. | 7.1 | 104 |
| 132 | Regulation of Rhodopsin Phosphorylation by a Family of Neuronal Calcium Sensors. Biochemical and Biophysical Research Communications, 1995, 216, 133-140. | 2.1 | 82 |
| 133 | Identification of a neuronal calcium sensor (NCS-1) possibly involved in the regulation of receptor phosphorylation. Journal of Receptor and Signal Transduction Research, 1995, 15, 365-378. | 2.5 | 66 |
| 134 | Cation binding and conformational changes in VILIP and NCS-1, two neuron-specific calcium-binding proteins. Journal of Biological Chemistry, 1994, 269, 32807-13. | 3.4 | 74 |
| 135 | Acute reduction of Sertoli cell numbers during development leads to a subsequent reduction in sperm numbers in adulthood. Reproduction Abstracts, 0, , . | 0.0 | 0 |