

Yun-Fai Chris Lau

List of Publications by Citations

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66

papers

2,640

citations

28

h-index

50

g-index

70

ext. papers

2,858

ext. citations

5.2

avg, IF

4.93

L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 66 | Suppression subtractive hybridization: a versatile method for identifying differentially expressed genes. <i>Methods in Enzymology</i> , 1999 , 303, 349-80 | 1.7 | 300 |
| 65 | Pathobiological implications of the expression of markers of testicular carcinoma in situ by fetal germ cells. <i>Journal of Pathology</i> , 2004 , 203, 849-57 | 9.4 | 204 |
| 64 | Gonadoblastoma, testicular and prostate cancers, and the TSPY gene. <i>American Journal of Human Genetics</i> , 1999 , 64, 921-7 | 11 | 143 |
| 63 | Identification of germ cells at risk for neoplastic transformation in gonadoblastoma: an immunohistochemical study for OCT3/4 and TSPY. <i>Human Pathology</i> , 2005 , 36, 512-21 | 3.7 | 138 |
| 62 | Polymorphism of a CAG trinucleotide repeat within Sry correlates with B6.YDom sex reversal. <i>Nature Genetics</i> , 1994 , 6, 245-50 | 36.3 | 100 |
| 61 | Expression of a candidate gene for the gonadoblastoma locus in gonadoblastoma and testicular seminoma. <i>Cytogenetic and Genome Research</i> , 2000 , 91, 160-4 | 1.9 | 89 |
| 60 | Regulation of monoamine oxidase A by the SRY gene on the Y chromosome. <i>FASEB Journal</i> , 2009 , 23, 4029-38 | 0.9 | 85 |
| 59 | The sex-determining factors SRY and SOX9 regulate similar target genes and promote testis cord formation during testicular differentiation. <i>Cell Reports</i> , 2014 , 8, 723-33 | 10.6 | 83 |
| 58 | Gonadoblastoma locus and the TSPY gene on the human Y chromosome. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2009 , 87, 114-22 | | 77 |
| 57 | TSPY potentiates cell proliferation and tumorigenesis by promoting cell cycle progression in HeLa and NIH3T3 cells. <i>BMC Cancer</i> , 2006 , 6, 154 | 4.8 | 77 |
| 56 | The Y-encoded TSPY protein: a significant marker potentially plays a role in the pathogenesis of testicular germ cell tumors. <i>Human Pathology</i> , 2007 , 38, 1470-81 | 3.7 | 70 |
| 55 | Expression analysis of thirty one Y chromosome genes in human prostate cancer. <i>Molecular Carcinogenesis</i> , 2000 , 27, 308-21 | 5 | 70 |
| 54 | Sry associates with the heterochromatin protein 1 complex by interacting with a KRAB domain protein. <i>Biology of Reproduction</i> , 2005 , 72, 407-15 | 3.9 | 69 |
| 53 | Germ cell lineage differentiation in non-seminomatous germ cell tumours. <i>Journal of Pathology</i> , 2006 , 208, 395-400 | 9.4 | 60 |
| 52 | Testis-specific protein Y-encoded gene is expressed in early and late stages of gonadoblastoma and testicular carcinoma in situ. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2007 , 25, 141-6 | 2.8 | 59 |
| 51 | Unopposed c-MYC expression in benign prostatic epithelium causes a cancer phenotype. <i>Prostate</i> , 2005 , 63, 369-84 | 4.2 | 55 |
| 50 | Epigenetic gene silencing by the SRY protein is mediated by a KRAB-O protein that recruits the KAP1 co-repressor machinery. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35670-80 | 5.4 | 50 |

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| 49 | TSPY and its X-encoded homologue interact with cyclin B but exert contrasting functions on cyclin-dependent kinase 1 activities. <i>Oncogene</i> , 2008 , 27, 6141-50 | 9.2 | 44 |
| 48 | A Cre gene directed by a human TSPY promoter is specific for germ cells and neurons. <i>Genesis</i> , 2005 , 42, 263-75 | 1.9 | 43 |
| 47 | Maturation delay of germ cells in fetuses with trisomy 21 results in increased risk for the development of testicular germ cell tumors. <i>Human Pathology</i> , 2006 , 37, 101-11 | 3.7 | 43 |
| 46 | Expression of SRY proteins in both normal and sex-reversed XY fetal mouse gonads. <i>Developmental Dynamics</i> , 2005 , 233, 612-22 | 2.9 | 41 |
| 45 | The human Y-encoded testis-specific protein interacts functionally with eukaryotic translation elongation factor eEF1A, a putative oncoprotein. <i>International Journal of Cancer</i> , 2008 , 123, 1573-85 | 7.5 | 40 |
| 44 | The human and mouse sex-determining SRY genes repress the Rspol/beta-catenin signaling. <i>Journal of Genetics and Genomics</i> , 2009 , 36, 193-202 | 4 | 39 |
| 43 | Y-chromosome transfer induces changes in blood pressure and blood lipids in SHR. <i>Hypertension</i> , 2001 , 37, 1147-52 | 8.5 | 33 |
| 42 | Role of the Y-located putative gonadoblastoma gene in human spermatogenesis. <i>Systems Biology in Reproductive Medicine</i> , 2011 , 57, 27-34 | 2.9 | 31 |
| 41 | Impact of the Y-containing cell line on histological differentiation patterns in dysgenetic gonads. <i>Clinical Endocrinology</i> , 2007 , 67, 184-92 | 3.4 | 31 |
| 40 | Roles of the Y chromosome genes in human cancers. <i>Asian Journal of Andrology</i> , 2015 , 17, 373-80 | 2.8 | 31 |
| 39 | PIAS1 interacts with and represses SOX9 transactivation activity. <i>Molecular Reproduction and Development</i> , 2007 , 74, 1446-55 | 2.6 | 26 |
| 38 | Structural characterization and expression studies of Dby and its homologs in the mouse. <i>Journal of Andrology</i> , 2006 , 27, 653-61 | | 26 |
| 37 | The poly(ADP-ribose) polymerase 1 interacts with Sry and modulates its biological functions. <i>Molecular and Cellular Endocrinology</i> , 2006 , 257-258, 35-46 | 4.4 | 26 |
| 36 | GonadSAGE: a comprehensive SAGE database for transcript discovery on male embryonic gonad development. <i>Bioinformatics</i> , 2010 , 26, 585-6 | 7.2 | 24 |
| 35 | The potential contributions of a Y-located protooncogene and its X homologue in sexual dimorphisms in hepatocellular carcinoma. <i>Human Pathology</i> , 2014 , 45, 1847-58 | 3.7 | 22 |
| 34 | Neonatal mouse cardiac myocytes exhibit cardioprotection induced by hypoxic and pharmacologic preconditioning and by transgenic overexpression of human Cu/Zn superoxide dismutase. <i>Journal of Molecular and Cellular Cardiology</i> , 2000 , 32, 1779-86 | 5.8 | 22 |
| 33 | The green fluorescent protein is an efficient biological marker for cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 1999 , 31, 2155-65 | 5.8 | 22 |
| 32 | Isolation of a phylogenetically conserved and testis-specific gene using a monoclonal antibody against the serological H-Y antigen. <i>Journal of Reproductive Immunology</i> , 1992 , 21, 275-91 | 4.2 | 21 |

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|----|--|-----|----|
| 31 | The Y-located proto-oncogene TSPY exacerbates and its X-homologue TSPX inhibits transactivation functions of androgen receptor and its constitutively active variants. <i>Human Molecular Genetics</i> , 2017 , 26, 901-912 | 5.6 | 20 |
| 30 | The rat Tspy is preferentially expressed in elongated spermatids and interacts with the core histones. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 350, 56-67 | 3.4 | 20 |
| 29 | SRY interference of normal regulation of the RET gene suggests a potential role of the Y-chromosome gene in sexual dimorphism in Hirschsprung disease. <i>Human Molecular Genetics</i> , 2015 , 24, 685-97 | 5.6 | 19 |
| 28 | JKT-1 is not a human seminoma cell line. <i>Journal of Developmental and Physical Disabilities</i> , 2007 , 30, 350-65 | | 18 |
| 27 | Expression of the Y-Encoded TSPY is Associated with Progression of Prostate Cancer. <i>Genes</i> , 2010 , 1, 283-93 | 4.2 | 17 |
| 26 | KRAB: a partner for SRY action on chromatin. <i>Molecular and Cellular Endocrinology</i> , 2006 , 247, 47-52 | 4.4 | 17 |
| 25 | The X-linked tumor suppressor TSPX interacts and promotes degradation of the hepatitis B viral protein HBx via the proteasome pathway. <i>PLoS ONE</i> , 2011 , 6, e22979 | 3.7 | 17 |
| 24 | Stage-specific expression of the lactate dehydrogenase-X gene in adult and developing mouse testes. <i>Molecular Reproduction and Development</i> , 1990 , 25, 14-21 | 2.6 | 15 |
| 23 | Molecular cloning of an acrosomal sperm antigen gene and the production of its recombinant protein for immunocontraceptive vaccine. <i>Molecular Reproduction and Development</i> , 1990 , 25, 302-8 | 2.6 | 12 |
| 22 | Characterization of the Xp21-23 region in the wood lemming, a region involved in XY sex reversal. <i>The Journal of Experimental Zoology</i> , 2001 , 290, 551-7 | | 11 |
| 21 | Gonadoblastoma Y locus genes expressed in germ cells of individuals with dysgenetic gonads and a Y chromosome in their karyotypes include DDX3Y and TSPY. <i>Human Reproduction</i> , 2019 , 34, 770-779 | 5.7 | 10 |
| 20 | The Y-located gonadoblastoma gene TSPY amplifies its own expression through a positive feedback loop in prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 206-11 | 3.4 | 9 |
| 19 | Cytogenetic and molecular studies of a familial paracentric inversion of Y chromosome present in a patient with ambiguous genitalia. <i>American Journal of Medical Genetics Part A</i> , 1997 , 70, 134-137 | | 9 |
| 18 | The Y-linked proto-oncogene TSPY contributes to poor prognosis of the male hepatocellular carcinoma patients by promoting the pro-oncogenic and suppressing the anti-oncogenic gene expression. <i>Cell and Bioscience</i> , 2019 , 9, 22 | 9.8 | 8 |
| 17 | Aberrant activation of the human sex-determining gene in early embryonic development results in postnatal growth retardation and lethality in mice. <i>Scientific Reports</i> , 2017 , 7, 4113 | 4.9 | 8 |
| 16 | Isolation of fetal gonads from embryos of timed-pregnant mice for morphological and molecular studies. <i>Methods in Molecular Biology</i> , 2012 , 825, 3-16 | 1.4 | 8 |
| 15 | Expression of the human TSPY gene in the brains of transgenic mice suggests a potential role of this Y chromosome gene in neural functions. <i>Journal of Genetics and Genomics</i> , 2011 , 38, 181-91 | 4 | 8 |
| 14 | Developmental staging of male murine embryonic gonad by SAGE analysis. <i>Journal of Genetics and Genomics</i> , 2009 , 36, 215-27 | 4 | 8 |

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| 13 | Identification of a TSPY co-expression network associated with DNA hypomethylation and tumor gene expression in somatic cancers. <i>Journal of Genetics and Genomics</i> , 2016 , 43, 577-585 | 4 | 8 |
| 12 | Expression of a Y-located human proto-oncogene TSPY in a transgenic mouse model of prostate cancer. <i>Cell and Bioscience</i> , 2014 , 4, 9 | 9.8 | 7 |
| 11 | Intratubular transplantation as a strategy for establishing animal models of testicular germ cell tumours. <i>International Journal of Experimental Pathology</i> , 2008 , 89, 342-9 | 2.8 | 6 |
| 10 | Demonstration of a stage-specific expression of the ZFY protein in fetal mouse testis using anti-peptide antibodies. <i>Molecular Reproduction and Development</i> , 1992 , 33, 252-8 | 2.6 | 6 |
| 9 | Functional role of DNA mismatch repair gene PMS2 in prostate cancer cells. <i>Oncotarget</i> , 2015 , 6, 16341-51 | 5.1 | 6 |
| 8 | Battle of the sexes: contrasting roles of testis-specific protein Y-encoded (TSPY) and TSPX in human oncogenesis. <i>Asian Journal of Andrology</i> , 2019 , 21, 260-269 | 2.8 | 6 |
| 7 | THE TSPY GENE FAMILY 2007 , 73-90 | | 5 |
| 6 | Potential dual functional roles of the Y-linked RBMY in hepatocarcinogenesis. <i>Cancer Science</i> , 2020 , 111, 2987-2999 | 6.9 | 5 |
| 5 | The X-linked tumor suppressor TSPX downregulates cancer-drivers/oncogenes in prostate cancer in a C-terminal acidic domain dependent manner. <i>Oncotarget</i> , 2019 , 10, 1491-1506 | 3.3 | 4 |
| 4 | Y chromosome in health and diseases. <i>Cell and Bioscience</i> , 2020 , 10, 97 | 9.8 | 4 |
| 3 | Sry promoters from domesticus (Tirano) and C57BL/6 mice function similarly in embryos and adult animals. <i>The Journal of Experimental Zoology</i> , 2001 , 290, 632-41 | | 3 |
| 2 | Sex chromosome DSD individuals with mosaic 45,X0 and aberrant Y chromosomes in 46,XY cells: distinct gender phenotypes and germ cell tumour risks.. <i>Systems Biology in Reproductive Medicine</i> , 2022 , 1-11 | 2.9 | 0 |
| 1 | Application of the simple and efficient Mpeak modeling in binding peak identification in ChIP-chip studies. <i>Methods in Molecular Biology</i> , 2013 , 1067, 185-202 | 1.4 | |