

# Hiromitsu Tanaka

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,067  
citations

394421

19  
h-index

414414

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1133  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro fertilization using sperm activated by ML <sup>3</sup> isolated from <i>Morinda lucida</i> Bentham leaves. <i>Reproductive Medicine and Biology</i> , 2022, 21, e12455.	2.4	0
2	Identification and characterization of the antigen recognized by the germ cell mAb TRA98 using a human comprehensive wet protein array. <i>Genes To Cells</i> , 2021, 26, 180-189.	1.2	8
3	Pervasiveness of intronless genes expressed in haploid germ cell differentiation. <i>Reproductive Medicine and Biology</i> , 2021, 20, 255-259.	2.4	3
4	The expression of human testis-specific actin capping protein predicts in vitro fertilization outcomes: A novel biomarker of sperm function for assisted reproductive technology. <i>Reproductive Medicine and Biology</i> , 2021, 20, 537-542.	2.4	1
5	Effective methods for increasing coumestrol in soybean sprouts. <i>PLoS ONE</i> , 2021, 16, e0260147.	2.5	4
6	HASPIN kinase inhibitor CHR-6494 suppresses intestinal polyp development, cachexia, and hypogonadism in <i>Apc min/+</i> mice. <i>European Journal of Cancer Prevention</i> , 2020, 29, 481-485.	1.3	10
7	Physiological role of actin regulation in male fertility: Insight into actin capping proteins in spermatogenic cells. <i>Reproductive Medicine and Biology</i> , 2020, 19, 120-127.	2.4	5
8	<i>Haprin</i> -deficient spermatozoa are incapable of in vitro fertilization. <i>Molecular Reproduction and Development</i> , 2020, 87, 534-541.	2.0	3
9	Effect of <i>Lepidium meyenii</i> on in vitro fertilization via improvement in acrosome reaction and motility of mouse and human sperm. <i>Reproductive Medicine and Biology</i> , 2019, 18, 57-64.	2.4	15
10	Genetic Polymorphisms within The Intronless ACTL7A and ACTL7B Genes Encoding Spermatogenesis-Specific Actin-Like Proteins in Japanese Males. <i>International Journal of Fertility &amp; Sterility</i> , 2019, 13, 245-249.	0.2	1
11	In Vitro Fertilization Activators for Future. , 2017, , .		0
12	Complementary Critical Functions of Zfy1 and Zfy2 in Mouse Spermatogenesis and Reproduction. <i>PLoS Genetics</i> , 2017, 13, e1006578.	3.5	47
13	Essential role of autoactivation circuitry on Aurora B-mediated H2AX-pS121 in mitosis. <i>Nature Communications</i> , 2016, 7, 12059.	12.8	40
14	Involvement of trefoil factor family 2 in the enlargement of intestinal tumors in <i>ApcMin/+</i> mice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 859-863.	2.1	4
15	Two activators of in vitro fertilization in mice from licorice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 447-450.	2.1	17
16	A Novel Transcriptional Factor Nkapl Is a Germ Cell-Specific Suppressor of Notch Signaling and Is Indispensable for Spermatogenesis. <i>PLoS ONE</i> , 2015, 10, e0124293.	2.5	24
17	Improved In Vitro Fertilization Ability of Mouse Sperm Caused by the Addition of Licorice Extract to the Preincubation Medium. <i>The Open Reproductive Science Journal</i> , 2014, 6, 1-7.	0.5	10
18	Suppression of intestinal polyp development in <i>Apc Min/+</i> mice through inhibition of P-glycoprotein using verapamil. <i>European Journal of Cancer Prevention</i> , 2013, 22, 8-10.	1.3	6

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19	A Single Nucleotide Polymorphism within the Novel Sex-Linked Testis-Specific Retrotransposed PGAM4 Gene Influences Human Male Fertility. PLoS ONE, 2012, 7, e35195.	2.5	22
20	OAZ-t/OAZ3 Is Essential for Rigid Connection of Sperm Tails to Heads in Mouse. PLoS Genetics, 2009, 5, e1000712.	3.5	87
21	Unique alternative translation from two open reading frames on <i>Acpin1</i> mRNA yields an acrosomal protein and a salivary gland-specific protein. International Journal of Urology, 2009, 16, 639-646.	1.0	3
22	Single Nucleotide Polymorphisms of the <i>PRDM9</i> ( <i>MEISETZ</i> ) Gene in Patients With Nonobstructive Azoospermia. Journal of Andrology, 2009, 30, 426-431.	2.0	51
23	Characterizing mouse male germ cell-specific actin capping protein $\hat{\pm}3$ ( $CP\hat{\pm}3$ ): dynamic patterns of expression in testicular and epididymal sperm. Asian Journal of Andrology, 2008, 10, 711-718.	1.6	9
24	Molecular biological features of male germ cell differentiation. Reproductive Medicine and Biology, 2007, 6, 1-9.	2.4	5
25	Infertility Caused by Polymorphisms or Mutations in Spermatogenesis-Specific Genes. Journal of Andrology, 2006, 27, 326-334.	2.0	68
26	Expression profiles and single-nucleotide polymorphism analysis of human HANP1/HIT2 encoding a histone H1-like protein. Journal of Developmental and Physical Disabilities, 2006, 29, 353-359.	3.6	24
27	Haprin, a Novel Haploid Germ Cell-specific RING Finger Protein Involved in the Acrosome Reaction. Journal of Biological Chemistry, 2003, 278, 44417-44423.	3.4	47
28	Molecular cloning and characterization of the human orthologue of male germ cell-specific actin capping protein alpha3 ( <i>cpalpha3</i> ). Molecular Human Reproduction, 2002, 8, 531-539.	2.8	25
29	Cloning and characterization of a human orthologue of testis-specific succinyl CoA: 3-oxo acid CoA transferase ( <i>Scot-t</i> ) cDNA. Molecular Human Reproduction, 2002, 8, 16-23.	2.8	23
30	Molecular Cloning and Characterization of a Complementary DNA Encoding Sperm Tail Protein SHIPPO 11. Biology of Reproduction, 2002, 66, 785-795.	2.7	55
31	Use of stepwise subtraction to comprehensively isolate mouse genes whose transcription is up-regulated during spermiogenesis. EMBO Reports, 2002, 3, 367-372.	4.5	74
32	Nested genomic structure of haploid germ cell specific haspin gene. Gene, 2001, 267, 49-54.	2.2	22
33	Cloning and characterization of human haspin gene encoding haploid germ cell-specific nuclear protein kinase. Molecular Human Reproduction, 2001, 7, 211-218.	2.8	31
34	Isolation and Characterization of a Haploid Germ Cell-Specific Novel Complementary Deoxyribonucleic Acid; Testis-Specific Homologue of Succinyl CoA:3-Oxo Acid CoA Transferase. Biology of Reproduction, 2000, 63, 1601-1609.	2.7	34
35	Identification and Characterization of a Haploid Germ Cell-specific Nuclear Protein Kinase (Haspin) in Spermatid Nuclei and Its Effects on Somatic Cells. Journal of Biological Chemistry, 1999, 274, 17049-17057.	3.4	99
36	Genomic analysis of male germ cell-specific actin capping protein $\hat{\pm}$ . Gene, 1999, 237, 193-199.	2.2	24

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37	Molecular cloning of haploid germ cell-specific tektin cDNA and analysis of the protein in mouse testis. FEBS Letters, 1999, 456, 315-321.	2.8	61
38	Isolation and characterization of cDNA clones specifically expressed in testicular germ cells. FEBS Letters, 1994, 355, 4-10.	2.8	105