

Hiromitsu Tanaka

List of Publications by Year in descending order

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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	Isolation and characterization of cDNA clones specifically expressed in testicular germ cells. FEBS Letters, 1994, 355, 4-10.	2.8	105
2	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
3	OAZ-t/OAZ3 Is Essential for Rigid Connection of Sperm Tails to Heads in Mouse. PLoS Genetics, 2009, 5, e1000712.	3.5	87
4	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
5	Infertility Caused by Polymorphisms or Mutations in Spermatogenesis-Specific Genes. Journal of Andrology, 2006, 27, 326-334.	2.0	68
6	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
7	Molecular Cloning and Characterization of a Complementary DNA Encoding Sperm Tail Protein SHIPPO 11. Biology of Reproduction, 2002, 66, 785-795.	2.7	55
8	Single Nucleotide Polymorphisms of the PRDM9 (MEISETZ) Gene in Patients With Nonobstructive Azoospermia. Journal of Andrology, 2009, 30, 426-431.	2.0	51
9	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
10	Complementary Critical Functions of Zfy1 and Zfy2 in Mouse Spermatogenesis and Reproduction. PLoS Genetics, 2017, 13, e1006578.	3.5	47
11	Essential role of autoactivation circuitry on Aurora B-mediated H2AX-pS121 in mitosis. Nature Communications, 2016, 7, 12059.	12.8	40
12	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
13	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
14	Molecular cloning and characterization of the human orthologue of male germ cell-specific actin capping protein alpha3 (cpalpha3). Molecular Human Reproduction, 2002, 8, 531-539.	2.8	25
15	Genomic analysis of male germ cell-specific actin capping protein $\hat{\alpha}$. Gene, 1999, 237, 193-199.	2.2	24
16	Expression profiles and single-nucleotide polymorphism analysis of human HANP1/H1T2 encoding a histone H1-like protein. Journal of Developmental and Physical Disabilities, 2006, 29, 353-359.	3.6	24
17	A Novel Transcriptional Factor Nkapl Is a Germ Cell-Specific Suppressor of Notch Signaling and Is Indispensable for Spermatogenesis. PLoS ONE, 2015, 10, e0124293.	2.5	24
18	Cloning and characterization of a human orthologue of testis-specific succinyl CoA: 3-oxo acid CoA transferase (Scot-t) cDNA. Molecular Human Reproduction, 2002, 8, 16-23.	2.8	23

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19	Nested genomic structure of haploid germ cell specific haspin gene. <i>Gene</i> , 2001, 267, 49-54.	2.2	22
20	A Single Nucleotide Polymorphism within the Novel Sex-Linked Testis-Specific Retrotransposed PGAM4 Gene Influences Human Male Fertility. <i>PLoS ONE</i> , 2012, 7, e35195.	2.5	22
21	Two activators of in vitro fertilization in mice from licorice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 447-450.	2.1	17
22	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
23	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
24	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
25	Characterizing mouse male germ cell-specific actin capping protein $\hat{1}\pm 3$ (CP $\hat{1}\pm 3$): dynamic patterns of expression in testicular and epididymal sperm. <i>Asian Journal of Andrology</i> , 2008, 10, 711-718.	1.6	9
26	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
27	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
28	Molecular biological features of male germ cell differentiation. <i>Reproductive Medicine and Biology</i> , 2007, 6, 1-9.	2.4	5
29	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
30	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
31	Effective methods for increasing coumestrol in soybean sprouts. <i>PLoS ONE</i> , 2021, 16, e0260147.	2.5	4
32	Unique alternative translation from two open reading frames on <i>Acpin1</i> mRNA yields an acrosomal protein and a salivary gland-specific protein. <i>International Journal of Urology</i> , 2009, 16, 639-646.	1.0	3
33	<i>Haprin</i> -deficient spermatozoa are incapable of in vitro fertilization. <i>Molecular Reproduction and Development</i> , 2020, 87, 534-541.	2.0	3
34	Pervasiveness of intronless genes expressed in haploid germ cell differentiation. <i>Reproductive Medicine and Biology</i> , 2021, 20, 255-259.	2.4	3
35	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
36	Genetic Polymorphisms within The Intronless ACTL7A and ACTL7B Genes Encoding Spermatogenesis-Specific Actin-Like Proteins in Japanese Males. <i>International Journal of Fertility & Sterility</i> , 2019, 13, 245-249.	0.2	1

#	ARTICLE	IF	CITATIONS
37	In Vitro Fertilization Activators for Future. , 2017, , .		0
38	In vitro fertilization using sperm activated by MLâ€²â€³ isolated from <i>Morinda lucida</i> Bentham leaves. Reproductive Medicine and Biology, 2022, 21, e12455.	2.4	0