Gary R Hime

List of Publications by Year in descending order

54 papers	1,820 citations	304743 22 h-index	276875 41 g-index
56 all docs	56 docs citations	56 times ranked	2482 citing authors

#	Article	IF	Citations
1	Structural basis for nuclear import selectivity of pioneer transcription factor SOX2. Nature Communications, 2021, 12, 28.	12.8	24
2	dRTEL1 is essential for the maintenance of Drosophila male germline stem cells. PLoS Genetics, 2021, 17, e1009834.	3.5	1
3	Alternative models for transgenerational epigenetic inheritance: Molecular psychiatry beyond mice and man. World Journal of Psychiatry, 2021, 11, 711-735.	2.7	7
4	â€˜Snail factors in testicular germ cell tumours and their regulation by the BMP4 signalling pathwayâ€™. Andrology, 2020, 8, 1456-1470.	3.5	2
5	Differential expression profiles of conserved Snail transcription factors in the mouse testis. Andrology, 2018, 6, 362-373.	3.5	6
6	RNA binding protein Musashiâ€2 regulates PIWIL1 and TBX1 in mouse spermatogenesis. Journal of Cellular Physiology, 2018, 233, 3262-3273.	4.1	7
7	Esrp1 is a marker of mouse fetal germ cells and differentially expressed during spermatogenesis. PLoS ONE, 2018, 13, e0190925.	2.5	6
8	A Drosophila toolkit for defining gene function in spermatogenesis. Reproduction, 2017, 153, R121-R132.	2.6	21
9	Rbf Regulates Drosophila Spermatogenesis via Control of Somatic Stem and Progenitor Cell Fate in the Larval Testis. Stem Cell Reports, 2016, 7, 1152-1163.	4.8	14
10	Tob1 is expressed in developing and adult gonads and is associated with the P-body marker, Dcp2. Cell and Tissue Research, 2016, 364, 443-451.	2.9	14
11	Microarray profiling to analyze the effect of Snai1 loss in mouse intestinal epithelium. Genomics Data, 2015, 5, 106-108.	1.3	3
12	Knockout of RNA Binding Protein MSI2 Impairs Follicle Development in the Mouse Ovary: Characterization of MSI1 and MSI2 during Folliculogenesis. Biomolecules, 2015, 5, 1228-1244.	4.0	16
13	Analyzing stem cell dynamics: use of cutting edge genetic approaches in model organisms. Frontiers in Biology, 2015, 10, 1-10.	0.7	0
14	Snai1 regulates cell lineage allocation and stem cell maintenance in the mouse intestinal epithelium. EMBO Journal, 2015, 34, 1319-1335.	7.8	50
15	RNA binding protein Musashiâ€1 directly targets Msi2 and Erh during early testis germ cell development and interacts with IPO5 upon translocation to the nucleus. FASEB Journal, 2015, 29, 2759-2768.	0.5	25
16	RNA binding proteins in spermatogenesis: an in depth focus on the Musashi family. Asian Journal of Andrology, 2015, 17, 529.	1.6	31
17	Escargot Restricts Niche Cell to Stem Cell Conversion in the Drosophila Testis. Cell Reports, 2014, 7, 722-734.	6.4	51
18	Ecdysone signaling opposes epidermal growth factor signaling in regulating cyst differentiation in the male gonad of Drosophila melanogaster. Developmental Biology, 2014, 394, 217-227.	2.0	22

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19	Developmental Expression of Musashi-1 and Musashi-2 RNA-Binding Proteins During Spermatogenesis: Analysis of the Deleterious Effects of Dysregulated Expression1. Biology of Reproduction, 2014, 90, 92.	2.7	29
20	Regulation of cell adhesion in the testis: a new role for p73. Asian Journal of Andrology, 2014, 16, 799.	1.6	2
21	The Musashi Family of RNA Binding Proteins: Master Regulators of Multiple Stem Cell Populations. Advances in Experimental Medicine and Biology, 2013, 786, 233-245.	1.6	31
22	The Stem Cell State. Advances in Experimental Medicine and Biology, 2013, 786, 1-4.	1.6	5
23	Myc in Stem Cell Behaviour: Insights from Drosophila. Advances in Experimental Medicine and Biology, 2013, 786, 269-285.	1.6	14
24	Dmp53 is sequestered to nuclear bodies in spermatogonia of Drosophila melanogaster. Cell and Tissue Research, 2012, 350, 385-394.	2.9	9
25	Akap200 suppresses the effects of Dv-cbl expression in the Drosophila eye. Molecular and Cellular Biochemistry, 2012, 369, 135-145.	3.1	1
26	Regulated nucleocytoplasmic transport during gametogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2012, 1819, 616-630.	1.9	35
27	GAL4 enhancer traps that can be used to drive gene expression in developing Drosophila spermatocytes. Genesis, 2012, 50, 914-920.	1.6	13
28	Drosophila Rbp6 Is an Orthologue of Vertebrate Msi-1 and Msi-2, but Does Not Function Redundantly with dMsi to Regulate Germline Stem Cell Behaviour. PLoS ONE, 2012, 7, e49810.	2.5	11
29	Differential Roles of HOW in Male and Female Drosophila Germline Differentiation. PLoS ONE, 2011, 6, e28508.	2.5	5
30	Cytoplasmic male sterility in Drosophila melanogaster associated with a mitochondrial CYTB variant. Heredity, 2011, 107, 374-376.	2.6	70
31	Spermatids do it differently! Paip2aâ€"the essential regulator of spermiogenesis?. Asian Journal of Andrology, 2011, 13, 122-124.	1.6	4
32	Wnt Signaling Regulates Snai1 Expression and Cellular Localization in the Mouse Intestinal Epithelial Stem Cell Niche. Stem Cells and Development, 2011, 20, 737-745.	2.1	31
33	HOW Is Required for Stem Cell Maintenance in the Drosophila Testis and for the Onset of Transit-Amplifying Divisions. Cell Stem Cell, 2010, 6, 348-360.	11.1	44
34	Ttk69-dependent repression of lozenge prevents the ectopic development of R7 cells in the Drosophila larval eye disc. BMC Developmental Biology, 2009, 9, 64.	2.1	14
35	Micro-RNA mediated regulation of proliferation, self-renewal and differentiation of mammalian stem cells. Cell Adhesion and Migration, 2009, 3, 425-432.	2.7	14
36	Myc - What We have Learned from Flies. Current Drug Targets, 2009, 10, 590-601.	2.1	12

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37	The Drosophila STIM1 orthologue, dSTIM, has roles in cell fate specification and tissue patterning. BMC Developmental Biology, 2008, 8, 104.	2.1	20
38	Regulation of Nuclear Import During Differentiation; The IMP α Gene Family and Spermatogenesis. Current Genomics, 2007, 8, 323-334.	1.6	19
39	Drosophila spermatogenesis: insights into testicular cancer. Journal of Developmental and Physical Disabilities, 2007, 30, 265-274.	3.6	14
40	WNT/Frizzled signaling in eye development and disease. Frontiers in Bioscience - Landmark, 2006, 11, 2442.	3.0	71
41	Expression of hedgehog signalling components in adult mouse testis. Developmental Dynamics, 2006, 235, 3063-3070.	1.8	51
42	The RNA-binding protein Musashi is required intrinsically to maintain stem cell identity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8402-8407.	7.1	100
43	TGFÎ² superfamily members in spermatogenesis: setting the stage for fertility in mouse and Drosophila. Cell and Tissue Research, 2005, 322, 141-146.	2.9	24
44	Genetic basis of human testicular germ cell cancer: insights from the fruitfly and mouse. Cell and Tissue Research, 2005, 322, 5-19.	2.9	3
45	Drosophila Hfp negatively regulates dmyc and stg to inhibit cell proliferation. Development (Cambridge), 2004, 131, 1411-1423.	2.5	34
46	Ectopic activation of Dpp signalling in the maleDrosophila germline inhibits germ cell differentiation. Genesis, 2004, 39, 84-93.	1.6	44
47	Functional analysis inDrosophila indicates that the NBCCS/PTCH1 mutation G509V results in activation of smoothened through a dominant-negative mechanism. Developmental Dynamics, 2004, 229, 780-790.	1.8	24
48	Dynamic expression of alternate splice forms of D-cbl during embryogenesis. Mechanisms of Development, 2001, 102, 235-238.	1.7	8
49	A Drosophila analogue of v-Cbl is a dominant-negative oncoprotein in vivo. Oncogene, 2000, 19, 3299-3308.	5.9	28
50	Drad21, a Drosophila rad21 homologue expressed in S-phase cells. Gene, 2000, 250, 77-84.	2.2	24
51	Isolation of a Candidate Human Telomerase Catalytic Subunit Gene, Which Reveals Complex Splicing Patterns in Different Cell Types. Human Molecular Genetics, 1997, 6, 2011-2019.	2.9	524
52	D-Cbl, the Drosophila homologue of the c-Cbl proto-oncogene, interacts with the Drosophila EGF receptor in vivo, despite lacking C-terminal adaptor binding sites. Oncogene, 1997, 14, 2709-2719.	5.9	58
53	The Drosophila melanogaster genome contains a member of the Rh/T2/S-glycoprotein family of ribonuclease-encoding genes. Gene, 1995, 158, 203-207.	2.2	25
54	Glycoprotein E2 of Classical Swine Fever Virus: Expression in Insect Cells and Identification as a Ribonuclease. Virology, 1994, 200, 558-565.	2.4	105