Anthony Wynshaw-Boris

List of Publications by Year
in descending order

163 papers	26,472 citations	7069 78 h-index	6630 156 g-index
167 all docs	167 docs citations	167 times ranked	28123 citing authors

#	Article	IF	Citations
1	IKK-Î² links inflammation to obesity-induced insulin resistance. Nature Medicine, 2005, 11, 191-198.	15.2	1,591
2	Atm-Deficient Mice: A Paradigm of Ataxia Telangiectasia. Cell, 1996, 86, 159-171.	13.5	1,392
3	Behavioral phenotypes of inbred mouse strains: implications and recommendations for molecular studies. Psychopharmacology, 1997, 132, 107-124.	1.5	1,283
4	Fibroblast Growth Factor Receptor 3 Is a Negative Regulator of Bone Growth. Cell, 1996, 84, 911-921.	13.5	1,014
5	TBX1 Is Responsible for Cardiovascular Defects in Velo-Cardio-Facial/DiGeorge Syndrome. Cell, 2001, 104, 619-629.	13.5	884
6	Conditional mutation of Brca1 in mammary epithelial cells results in blunted ductal morphogenesis and tumour formation. Nature Genetics, 1999, 22, 37-43.	9.4	711
7	The CBFÎ² Subunit Is Essential for CBFÎ±2 (AML1) Function In Vivo. Cell, 1996, 87, 697-708.	13.5	620
8	Patches of Disorganization in the Neocortex of Children with Autism. New England Journal of Medicine, 2014, 370, 1209-1219.	13.9	601
9	Graded reduction of Pafah1b1 (Lis1) activity results in neuronal migration defects and early embryonic lethality. Nature Genetics, 1998, 19, 333-339.	9.4	554
10	Identification of a Wnt/Dvl/Î²-Catenin â†' Pitx2 Pathway Mediating Cell-Type-Specific Proliferation during Development. Cell, 2002, 111, 673-685.	13.5	519
11	A LIS1/NUDEL/Cytoplasmic Dynein Heavy Chain Complex in the Developing and Adult Nervous System. Neuron, 2000, 28, 681-696.	3.8	475
12	Human iPSC-Derived Cerebral Organoids Model Cellular Features of Lissencephaly and Reveal Prolonged Mitosis of Outer Radial Glia. Cell Stem Cell, 2017, 20, 435-449.e4.	5.2	463
13	JNK1 in Hematopoietically Derived Cells Contributes to Diet-Induced Inflammation and Insulin Resistance without Affecting Obesity. Cell Metabolism, 2007, 6, 386-397.	7.2	460
14	Cripto is required for correct orientation of the anteriorâ€“posterior axis in the mouse embryo. Nature, 1998, 395, 702-707.	13.7	444
15	Social Interaction and Sensorimotor Gating Abnormalities in Mice Lacking Dvl1. Cell, 1997, 90, 895-905.	13.5	440
16	Wnt signaling through Dishevelled, Rac and JNK regulates dendritic development. Nature Neuroscience, 2005, 8, 34-42.	7.1	435
17	Active anaphylaxis in IgE-deficient mice. Nature, 1994, 370, 367-370.	13.7	407
18	Lis1 and doublecortin function with dynein to mediate coupling of the nucleus to the centrosome in neuronal migration. Journal of Cell Biology, 2004, 165, 709-721.	2.3	390

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19	Proliferative Defect and Embryonic Lethality in Mice Homozygous for a Deletion in the p110Î± Subunit of Phosphoinositide 3-Kinase. Journal of Biological Chemistry, 1999, 274, 10963-10968.	1.6	388
20	Dishevelled 2 is essential for cardiac outflow tract development, somite segmentation and neural tube closure. Development (Cambridge), 2002, 129, 5827-5838.	1.2	385
21	14-3-3Îµ is important for neuronal migration by binding to NUDEL: a molecular explanation for Millerâ€“Dieker syndrome. Nature Genetics, 2003, 34, 274-285.	9.4	374
22	An expressed pseudogene regulates the messenger-RNA stability of its homologous coding gene. Nature, 2003, 423, 91-96.	13.7	369
23	Regulation of cytoplasmic dynein behaviour and microtubule organization by mammalian Lis1. Nature Cell Biology, 2000, 2, 767-775.	4.6	353
24	Altered proliferation and networks in neural cells derived from idiopathic autistic individuals. Molecular Psychiatry, 2017, 22, 820-835.	4.1	349
25	The developmental pattern of Brca1 expression implies a role in differentiation of the breast and other tissues. Nature Genetics, 1995, 11, 17-26.	9.4	328
26	Life is a journey: a genetic look at neocortical development. Nature Reviews Genetics, 2002, 3, 342-355.	7.7	325
27	Dishevelled genes mediate a conserved mammalian PCP pathway to regulate convergent extension during neurulation. Development (Cambridge), 2006, 133, 1767-1778.	1.2	309
28	Multicolour spectral karyotyping of mouse chromosomes. Nature Genetics, 1996, 14, 312-315.	9.4	307
29	Doublecortin Is Required in Mice for Lamination of the Hippocampus But Not the Neocortex. Journal of Neuroscience, 2002, 22, 7548-7557.	1.7	294
30	Failure of Embryonic Hematopoiesis andLethal Hemorrhages in Mouse Embryos Heterozygousfor a Knocked-In Leukemia Gene CBFBâ€“MYH11. Cell, 1996, 87, 687-696.	13.5	289
31	Regulation of polarized extension and planar cell polarity in the cochlea by the vertebrate PCP pathway. Nature Genetics, 2005, 37, 980-985.	9.4	278
32	Murine Dishevelled 3 Functions in Redundant Pathways with Dishevelled 1 and 2 in Normal Cardiac Outflow Tract, Cochlea, and Neural Tube Development. PLoS Genetics, 2008, 4, e1000259.	1.5	262
33	An Indirect Effect of Stat5a in IL-2â€“Induced Proliferation: A Critical Role for Stat5a in IL-2â€“Mediated IL-2 Receptor Î± Chain Induction. Immunity, 1997, 7, 691-701.	6.6	261
34	Neuroepithelial Stem Cell Proliferation Requires LIS1 for Precise Spindle Orientation and Symmetric Division. Cell, 2008, 132, 474-486.	13.5	254
35	Regulation of AChR Clustering by Dishevelled Interacting with MuSK and PAK1. Neuron, 2002, 35, 489-505.	3.8	221
36	Bcl-x and Bax Regulate Mouse Primordial Germ Cell Survival and Apoptosis during Embryogenesis. Molecular Endocrinology, 2000, 14, 1038-1052.	3.7	215

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37	Refinement of a 400-kb Critical Region Allows Genotypic Differentiation between Isolated Lissencephaly, Miller-Dieker Syndrome, and Other Phenotypes Secondary to Deletions of 17p13.3. American Journal of Human Genetics, 2003, 72, 918-930.	2.6	215
38	Genetic Mosaic Dissection of Lis1 and Ndel1 in Neuronal Migration. Neuron, 2010, 68, 695-709.	3.8	215
39	Interaction of reelin signaling and Lis1 in brain development. Nature Genetics, 2003, 35, 270-276.	9.4	199
40	Planar polarization of node cells determines the rotational axis of node cilia. Nature Cell Biology, 2010, 12, 170-176.	4.6	190
41	Atm selectively regulates distinct p53-dependent cell-cycle checkpoint and apoptotic pathways. Nature Genetics, 1997, 17, 453-456.	9.4	185
42	N -Glycolylneuraminic Acid Deficiency in Mice: Implications for Human Biology and Evolution. Molecular and Cellular Biology, 2007, 27, 4340-4346.	1.1	180
43	Age-Dependent Brain Gene Expression and Copy Number Anomalies in Autism Suggest Distinct Pathological Processes at Young Versus Mature Ages. PLoS Genetics, 2012, 8, e1002592.	1.5	179
44	LIS1 and NDEL1 coordinate the plus-end-directed transport of cytoplasmic dynein. EMBO Journal, 2008, 27, 2471-2483.	3.5	174
45	Targeted Mutagenesis of Smad1 Reveals an Essential Role in Chorioallantoic Fusion. Developmental Biology, 2001, 240, 157-167.	0.9	169
46	Multiple Dose-Dependent Effects ofLis1on Cerebral Cortical Development. Journal of Neuroscience, 2003, 23, 1719-1729.	1.7	167
47	Sialyltransferase ST8Sia-II Assembles a Subset of Polysialic Acid That Directs Hippocampal Axonal Targeting and Promotes Fear Behavior. Journal of Biological Chemistry, 2004, 279, 32603-32613.	1.6	166
48	Modulation of morphogenesis by noncanonical Wnt signaling requires ATF/CREB familyâ€“mediated transcriptional activation of TGFÎ²2. Nature Genetics, 2007, 39, 1225-1234.	9.4	155
49	Calcium-dependent interaction of Lis1 with IQGAP1 and Cdc42 promotes neuronal motility. Nature Neuroscience, 2006, 9, 50-57.	7.1	154
50	Immunoglobulin Class Switch Recombination Is Impaired in Atm-deficient Mice. Journal of Experimental Medicine, 2004, 200, 1111-1121.	4.2	152
51	Complete Loss of Ndel1 Results in Neuronal Migration Defects and Early Embryonic Lethality. Molecular and Cellular Biology, 2005, 25, 7812-7827.	1.1	149
52	Role of 14â€“3â€“3 Proteins in Eukaryotic Signaling and Development. Current Topics in Developmental Biology, 2005, 68, 281-315.	1.0	140
53	Regulated subset of G1 growth-control genes in response to derepression by the Wnt pathway. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3245-3250.	3.3	139
54	A Unique ISR Program Determines Cellular Responses to Chronic Stress. Molecular Cell, 2017, 68, 885-900.e6.	4.5	135

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55	Distinct roles of resident and nonresident macrophages in nonischemic cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4661-E4669.	3.3	134
56	Hippocampal Abnormalities and Enhanced Excitability in a Murine Model of Human Lissencephaly. Journal of Neuroscience, 2000, 20, 2439-2450.	1.7	132
57	Cancer chemoprevention by the antioxidant tempol in Atm-deficient mice. Human Molecular Genetics, 2004, 13, 1793-1802.	1.4	128
58	NDEL1 Phosphorylation by Aurora-A Kinase Is Essential for Centrosomal Maturation, Separation, and TACC3 Recruitment. Molecular and Cellular Biology, 2007, 27, 352-367.	1.1	128
59	Targeted Mutagenesis of the Hira Gene Results in Gastrulation Defects and Patterning Abnormalities of Mesoendodermal Derivatives Prior to Early Embryonic Lethality. Molecular and Cellular Biology, 2002, 22, 2318-2328.	1.1	126
60	Loss of Dishevelleds Disrupts Planar Polarity in Ependymal Motile Cilia and Results in Hydrocephalus. Neuron, 2014, 83, 558-571.	3.8	121
61	The canonical Wnt pathway in early mammalian embryogenesis and stem cell maintenance/differentiation. Current Opinion in Genetics and Development, 2004, 14, 533-539.	1.5	116
62	Atm haploinsufficiency results in increased sensitivity to sublethal doses of ionizing radiation in mice. Nature Genetics, 1999, 21, 359-360.	9.4	114
63	Partial rescue of the prophase I defects of Atm-deficient mice by p53 and p21 null alleles. Nature Genetics, 1997, 17, 462-466.	9.4	111
64	An essential role of the aPKCâ€“Aurora Aâ€“NDEL1 pathway in neurite elongation by modulation of microtubule dynamics. Nature Cell Biology, 2009, 11, 1057-1068.	4.6	111
65	Disregulated RhoGTPases and Actin Cytoskeleton Contribute to the Migration Defect in Lis1-Deficient Neurons. Journal of Neuroscience, 2003, 23, 8673-8681.	1.7	109
66	Extra-chromosomal telomeric DNA in cells from Atm-/- mice and patients with ataxia-telangiectasia. Human Molecular Genetics, 2001, 10, 519-528.	1.4	108
67	14-3-3Îµ and Î¶ Regulate Neurogenesis and Differentiation of Neuronal Progenitor Cells in the Developing Brain. Journal of Neuroscience, 2014, 34, 12168-12181.	1.7	102
68	Cytoskeleton in action: lissencephaly, a neuronal migration disorder. Wiley Interdisciplinary Reviews: Developmental Biology, 2013, 2, 229-245.	5.9	101
69	Distinct Dose-Dependent Cortical Neuronal Migration and Neurite Extension Defects inLis1andNdel1Mutant Mice. Journal of Neuroscience, 2009, 29, 15520-15530.	1.7	99
70	Wnt Signaling in Mammalian Development: Lessons from Mouse Genetics. Cold Spring Harbor Perspectives in Biology, 2012, 4, a007963-a007963.	2.3	99
71	Identification of YWHAE, a gene encoding 14-3-3epsilon, as a possible susceptibility gene for schizophrenia. Human Molecular Genetics, 2008, 17, 3212-3222.	1.4	97
72	Phosphorylation of Dishevelled by Protein Kinase RIPK4 Regulates Wnt Signaling. Science, 2013, 339, 1441-1445.	6.0	93

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73	Early Embryonic Lethality in PARP-1 Atm Double-Mutant Mice Suggests a Functional Synergy in Cell Proliferation during Development. Molecular and Cellular Biology, 2001, 21, 1828-1832.	1.1	91
74	Recruitment of katanin p60 by phosphorylated NDEL1, an LIS1 interacting protein, is essential for mitotic cell division and neuronal migration. Human Molecular Genetics, 2005, 14, 3113-3128.	1.4	91
75	Lis1 Is Necessary for Normal Non-Radial Migration of Inhibitory Interneurons. American Journal of Pathology, 2004, 165, 775-784.	1.9	90
76	Single-Cell Heterogeneity Analysis and CRISPR Screen Identify Key Î²-Cell-Specific Disease Genes. Cell Reports, 2019, 26, 3132-3144.e7.	2.9	90
77	Isolation and characterization of mouseDishevelled-3. , 1996, 207, 253-262.		89
78	The association of ATR protein with mouse meiotic chromosome cores. Chromosoma, 1999, 108, 95-102.	1.0	89
79	Direct removal in the mouse of a floxed neo gene from a three-loxp conditional knockout allele by two novel approaches. Genesis, 2001, 30, 1-6.	0.8	88
80	Impaired Learning and Motor Behavior in Heterozygous Pafah1b1 (Lis1) Mutant Mice. Learning and Memory, 1999, 6, 521-537.	0.5	84
81	LIS1 controls mitosis and mitotic spindle organization via the LIS1â€“NDEL1â€“dynein complex. Human Molecular Genetics, 2014, 23, 449-466.	1.4	83
82	Novel Embryonic Neuronal Migration and Proliferation Defects inDcxMutant Mice Are Exacerbated byLis1Reduction. Journal of Neuroscience, 2010, 30, 3002-3012.	1.7	80
83	Lissencephaly: Mechanistic insights from animal models and potential therapeutic strategies. Seminars in Cell and Developmental Biology, 2010, 21, 823-830.	2.3	79
84	Deletion of Mnt leads to disrupted cell cycle control and tumorigenesis. EMBO Journal, 2003, 22, 4584-4596.	3.5	78
85	Cell-autonomous correction of ring chromosomes in human induced pluripotent stem cells. Nature, 2014, 507, 99-103.	13.7	75
86	Lis1â€“Nde1-dependent neuronal fate control determines cerebral cortical size and lamination. Human Molecular Genetics, 2008, 17, 2441-2455.	1.4	73
87	Previously uncharacterized roles of platelet-activating factor acetylhydrolase 1b complex in mouse spermatogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7189-7194.	3.3	72
88	Behavior of mice with mutations in the conserved region deleted in velocardiofacial/DiGeorge syndrome. Neurogenetics, 2006, 7, 247-257.	0.7	70
89	Mntâ€“Max to Mycâ€“Max complex switching regulates cell cycle entry. Journal of Cell Biology, 2005, 169, 405-413.	2.3	69
90	Protein phosphatase 4 catalytic subunit regulates Cdk1 activity and microtubule organization via NDEL1 dephosphorylation. Journal of Cell Biology, 2008, 180, 1133-1147.	2.3	69

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91	Disheveled mediated planar cell polarity signaling is required in the second heart field lineage for outflow tract morphogenesis. Developmental Biology, 2012, 370, 135-144.	0.9	68
92	Inhibition of calpain increases LIS1 expression and partially rescues in vivo phenotypes in a mouse model of lissencephaly. Nature Medicine, 2009, 15, 1202-1207.	15.2	67
93	Carbonic Anhydrase III Is Not Required in the Mouse for Normal Growth, Development, and Life Span. Molecular and Cellular Biology, 2004, 24, 9942-9947.	1.1	64
94	A new role for expressed pseudogenes as ncRNA: regulation of mRNA stability of its homologous coding gene. Journal of Molecular Medicine, 2004, 82, 414-22.	1.7	63
95	The Pafah1b Complex Interacts with the Reelin Receptor VLDLR. PLoS ONE, 2007, 2, e252.	1.1	57
96	Multiple ATM-Dependent Pathways: An Explanation for Pleiotropy. American Journal of Human Genetics, 1999, 64, 46-50.	2.6	56
97	mNUDC is required for plus-end-directed transport of cytoplasmic dynein and dynactins by kinesin-1. EMBO Journal, 2010, 29, 517-531.	3.5	56
98	Identification and Chromosomal Localization of Atm, the Mouse Homolog of the Ataxiaâ€“Telangiectasia Gene. Genomics, 1996, 35, 39-45.	1.3	51
99	Loss of the Max-interacting protein Mnt in mice results in decreased viability, defective embryonic growth and craniofacial defects: relevance to Miller-Dieker syndrome. Human Molecular Genetics, 2004, 13, 1057-1067.	1.4	51
100	Involvement of platelet-activating factor and LIS1 in neuronal migration. European Journal of Neuroscience, 2003, 18, 563-570.	1.2	49
101	Cancer chemoprevention by the antioxidant tempol acts partially via the p53 tumor suppressor. Human Molecular Genetics, 2005, 14, 1699-1708.	1.4	49
102	Dishevelled. Current Topics in Developmental Biology, 2012, 101, 213-235.	1.0	49
103	Global Developmental Gene Expression and Pathway Analysis of Normal Brain Development and Mouse Models of Human Neuronal Migration Defects. PLoS Genetics, 2011, 7, e1001331.	1.5	45
104	Differential Expression of the Genes for the Mitochondrial and Cytosolic Forms of Phosphoenolpyruvate Carboxykinase. Annals of the New York Academy of Sciences, 1986, 478, 31-45.	1.8	44
105	14-3-3Îµ Plays a Role in Cardiac Ventricular Compaction by Regulating the Cardiomyocyte Cell Cycle. Molecular and Cellular Biology, 2012, 32, 5089-5102.	1.1	44
106	Model mice and human disease. Nature Genetics, 1996, 13, 259-260.	9.4	42
107	Atm Is Dispensable for p53 Apoptosis and Tumor Suppression Triggered by Cell Cycle Dysfunction. Molecular and Cellular Biology, 1999, 19, 3095-3102.	1.1	42
108	RAG-Mediated V(D)J Recombination Is Not Essential for Tumorigenesis in Atm -Deficient Mice. Molecular and Cellular Biology, 2002, 22, 3174-3177.	1.1	39

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109	Mnt-Deficient Mammary Glands Exhibit Impaired Involution and Tumors with Characteristics of Myc Overexpression. Cancer Research, 2006, 66, 5565-5573.	0.4	37
110	Miller-Dieker Syndrome: Analysis of a Human Contiguous Gene Syndrome in the Mouse. American Journal of Human Genetics, 2003, 73, 475-488.	2.6	36
111	Transcriptome analysis reveals rod/cone photoreceptor specific signatures across mammalian retinas. Human Molecular Genetics, 2016, 25, ddw268.	1.4	36
112	Analysis of non-radial interneuron migration dynamics and its disruption inLis1+/â˜ mice. Journal of Comparative Neurology, 2006, 496, 847-858.	0.9	32
113	The essential role of LIS1, NDEL1 and Aurora-A in polarity formation and microtubule organization during neurogensis. Cell Adhesion and Migration, 2010, 4, 180-184.	1.1	32
114	Characterization of familial partial 10p trisomy by chromosomal microdissection, FISH, and microsatellite dosage analysis. Human Genetics, 1996, 98, 396-402.	1.8	31
115	Intentional infantile ethylene glycol poisoning presenting as an inherited metabolic disorder. Journal of Pediatrics, 1992, 120, 421-424.	0.9	29
116	Inflammatory Disease and Lymphomagenesis Caused by Deletion of the Myc Antagonist Mnt in T Cells. Molecular and Cellular Biology, 2006, 26, 2080-2092.	1.1	29
117	Effect of the reduction of superoxide dismutase 1 and 2 or treatment with Î±-tocopherol on tumorigenesis in Atm-deficient mice. Free Radical Biology and Medicine, 2006, 41, 590-600.	1.3	27
118	Genomic Organization of the Murine Millerâ€“Dieker/Lissencephaly Region: Conservation of Linkage with the Humanâ€‰Region. Genome Research, 1997, 7, 625-634.	2.4	26
119	Highly efficient methods to obtain homogeneous dorsal neural progenitor cells from human and mouse embryonic stem cells and induced pluripotent stem cells. Stem Cell Research and Therapy, 2018, 9, 67.	2.4	25
120	Activation of Aurora-A Is Essential for Neuronal Migration via Modulation of Microtubule Organization. Journal of Neuroscience, 2012, 32, 11050-11066.	1.7	24
121	Mapping the dynamic expression of Wnt11 and the lineage contribution of Wnt11-expressing cells during early mouse development. Developmental Biology, 2015, 398, 177-192.	0.9	23
122	Preprocessing and Quality Control Strategies for Illumina DASL Assay-Based Brain Gene Expression Studies with Semi-Degraded Samples. Frontiers in Genetics, 2012, 3, 11.	1.1	22
123	Atm Heterozygosity Cooperates with Loss of Brca1 to Increase the Severity of Mammary Gland Cancer and Reduce Ductal Branching. Cancer Research, 2005, 65, 8736-8746.	0.4	21
124	Cloning and mapping of murine Dgcr2 and its homology to the Sez-12 seizure-related protein. Mammalian Genome, 1997, 8, 371-375.	1.0	20
125	Concise Review: Induced Pluripotent Stem Cell Models for Neuropsychiatric Diseases. Stem Cells Translational Medicine, 2017, 6, 2062-2070.	1.6	19
126	Chromosome therapy: Potential strategies for the correction of severe chromosome aberrations. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2016, 172, 422-430.	0.7	18

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127	Myeloid KrÃ¼ppel-like factor 2 is a critical regulator of metabolic inflammation. Nature Communications, 2020, 11, 5872.	5.8	18
128	Chromosome therapy. Nucleus, 2014, 5, 391-395.	0.6	17
129	An inbred 129SvEv GFPCre transgenic mouse that deletes loxP-flanked genes in all tissues. Nucleic Acids Research, 2003, 31, 57e-57.	6.5	15
130	Pten and the Brain: Sizing up Social Interaction. Neuron, 2006, 50, 343-345.	3.8	15
131	The murine homolog of the human breast and ovarian cancer susceptibility geneBrca1 maps to mouse chromosome 11D. Human Genetics, 1996, 97, 256-259.	1.8	14
132	Poly(ADP-ribose) polymerase activity is not affected in ataxia telangiectasia cells and knockout mice. Carcinogenesis, 1999, 20, 177-180.	1.3	13
133	Evidence of Mnt-Myc Antagonism Revealed by Mnt Gene Deletion. Cell Cycle, 2004, 3, 95-97.	1.3	13
134	Elongator Bridges Tubulin Acetylation and Neuronal Migration. Cell, 2009, 136, 393-394.	13.5	11
135	Aberrant recombination involving the granzyme locus occurs in Atmâ^'/â^' T-cell lymphomas. Human Molecular Genetics, 2005, 14, 2671-2684.	1.4	10
136	Murine modelling of classical lissencephaly. Neurogenetics, 1999, 2, 77-86.	0.7	9
137	Heterozygosity for a mutation in Brca1 or Atm does not increase susceptibility to ENU-induced mammary tumors in ApcMin/+ mice. Carcinogenesis, 2001, 22, 343-346.	1.3	9
138	ALLN rescues an in vitro excitatory synaptic transmission deficit in Lis1 mutant mice. Journal of Neurophysiology, 2013, 109, 429-436.	0.9	9
139	Developmental Alcohol Exposure Impairs Activity-DependentS-Nitrosylation of NDEL1 for Neuronal Maturation. Cerebral Cortex, 2017, 27, 3918-3929.	1.6	9
140	Regulation of Gene Transcription by Multiple Hormones: Organization of Regulatory Elements. Progress in Molecular Biology and Translational Science, 1987, 34, 59-87.	1.9	8
141	Genetic Enhancement of the Lis1+/â€“ Phenotype by a Heterozygous Mutation in the Adenomatous Polyposis Coli Gene. Developmental Neuroscience, 2008, 30, 157-170.	1.0	8
142	A novel strategy for therapeutic intervention for the genetic disease: Preventing proteolytic cleavage using small chemical compound. International Journal of Biochemistry and Cell Biology, 2010, 42, 1401-1407.	1.2	8
143	Deletion of the Dishevelled family of genes disrupts anterior-posterior axis specification and selectively prevents mesoderm differentiation. Developmental Biology, 2020, 464, 161-175.	0.9	8
144	Nucleotide sequence and structure of the mouse carbonic anhydrase III gene. Gene, 2001, 265, 37-44.	1.0	7

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145	Human Disease Genes and Their Cloned Mouse Orthologs: Exploration of the FANTOM2 cDNA Sequence Data Set. Genome Research, 2003, 13, 1496-1500.	2.4	7
146	A novel system for correcting large-scale chromosomal aberrations: ring chromosome correction via reprogramming into induced pluripotent stem cell (iPSC). Chromosoma, 2017, 126, 457-463.	1.0	7
147	Enhanced homologous recombination by the modulation of targeting vector ends. Scientific Reports, 2020, 10, 2518.	1.6	7
148	LIS1 determines cleavage plane positioning by regulating actomyosin-mediated cell membrane contractility. ELife, 2020, 9, .	2.8	6
149	Molecular Biology and Nutrition Research. Journal of Nutrition, 1989, 119, 957-964.	1.3	4
150	Life-threatening presentations of propionic acidemia due to the Amish PCCB founder variant. Molecular Genetics and Metabolism Reports, 2019, 21, 100537.	0.4	4
151	Adipocyte-specific deletion of zinc finger protein 407 results in lipodystrophy and insulin resistance in mice. Molecular and Cellular Endocrinology, 2021, 521, 111109.	1.6	4
152	Chapter 3.1.1 Embryonic stem cells and gene targeting. Handbook of Behavioral Neuroscience, 1999, , 259-271.	0.0	3
153	Lost in mitotic translation. Nature, 2007, 446, 274-275.	13.7	3
154	Modeling Non-Syndromic Autism with Human-Induced Pluripotent Stem Cells. Neuropsychopharmacology, 2018, 43, 219-220.	2.8	3
155	Inborn Errors of Development: Disruption of Pathways Critical for Normal Development. Pediatric Clinics of North America, 2006, 53, 855-871.	0.9	2
156	Spindle Orientation: Timing Is Everything. Neuron, 2013, 79, 211-213.	3.8	1
157	Chapter 3.1.2 Generation of transgenic mice by pronuclear DNA injection. Handbook of Behavioral Neuroscience, 1999, 13, 272-281.	0.0	0
158	A new way of looking at neurogenesis at the apical surface. EMBO Reports, 2009, 10, 457-458.	2.0	0
159	Human genetics: conceptual and practical advances in the post-genome era. Current Opinion in Genetics and Development, 2009, 19, 193-195.	1.5	0
160	Therapeutic intervention for genetic disease by the augmented recycling of target proteins. Future Neurology, 2010, 5, 5-8.	0.9	0
161	Charles Joseph Epstein, M.D., 1933â€“2011, In Memoriam. American Journal of Human Genetics, 2011, 88, 684-688.	2.6	0
162	Philip Leder, MD, 1934â€“2020, In Memoriam. American Journal of Human Genetics, 2020, 106, 731-733.	2.6	0

#	Article	IF	Citations
163	EDITORIAL: â€˜An Improbable Fifteen Years as Executive Editorâ€™. Human Molecular Genetics, 2021, 30, 1-2.	1.4	0