Andrew R Zinn

List of Publications by Year
in descending order

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81 papers	5,273 citations	61857 43 h-index	85405 71 g-index
85 all docs	85 docs citations	85 times ranked	4859 citing authors

#	Article	IF	Citations
1	Profound obesity associated with a balanced translocation that disrupts the SIM1 gene. Human Molecular Genetics, 2000, 9, 101-108.	1.4	331
2	Oxytocin Deficiency Mediates Hyperphagic Obesity of Sim1 Haploinsufficient Mice. Molecular Endocrinology, 2008, 22, 1723-1734.	3.7	217
3	Phenotypes Associated with SHOX Deficiency. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5674-5680.	1.8	206
4	Evidence for a Turner Syndrome Locus or Loci at Xp11.2-p22.1. American Journal of Human Genetics, 1998, 63, 1757-1766.	2.6	177
5	Turner syndrome: the case of the missing sex chromosome. Trends in Genetics, 1993, 9, 90-93.	2.9	176
6	Transposition of an intron in yeast mitochondria requires a protein encoded by that intron. Cell, 1985, 41, 395-402.	13.5	173
7	Cognitive and motor development during childhood in boys with Klinefelter syndrome. American Journal of Medical Genetics, Part A, 2008, 146A, 708-719.	0.7	155
8	Behavioral and Social Phenotypes in Boys With 47,XYY Syndrome or 47,XXY Klinefelter Syndrome. Pediatrics, 2012, 129, 769-778.	1.0	148
9	Sex-chromosome dosage effects on gene expression in humans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7398-7403.	3.3	139
10	Functional equivalence of human Xâ€“ and Yâ€“encoded isoforms of ribosomal protein S4 consistent with a role in Turner syndrome. Nature Genetics, 1993, 4, 268-271.	9.4	129
11	DNA polymerase-Î± regulates the activation of type I interferons through cytosolic RNA:DNA synthesis. Nature Immunology, 2016, 17, 495-504.	7.0	123
12	PostnatalSim1Deficiency Causes Hyperphagic Obesity and ReducedMc4randOxytocinExpression. Journal of Neuroscience, 2010, 30, 3803-3812.	1.7	120
13	Neurodevelopmental and psychosocial aspects of Turner syndrome. Mental Retardation and Developmental Disabilities Research Reviews, 2000, 6, 135-141.	3.5	115
14	Nonreciprocal exchange between alleles of the yeast mitochondrial 21S rRNA gene: Kinetics and the involvement of a double-strand break. Cell, 1985, 40, 887-895.	13.5	113
15	Increased Prevalence of ADHD in Turner Syndrome with No Evidence of Imprinting Effects. Journal of Pediatric Psychology, 2006, 31, 945-955.	1.1	110
16	Androgen Receptor CAGnRepeat Length Influences Phenotype of 47,XXY (Klinefelter) Syndrome. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5041-5046.	1.8	109
17	An extra X or Y chromosome: Contrasting the cognitive and motor phenotypes in childhood in boys with 47,XYY syndrome or 47,XXY Klinefelter syndrome. Developmental Disabilities Research Reviews, 2009, 15, 309-317.	2.9	109
18	Turner syndrome and haploinsufficiency. Current Opinion in Genetics and Development, 1998, 8, 322-327.	1.5	108

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19	Sim1 Haploinsufficiency Impairs Melanocortin-Mediated Anorexia and Activation of Paraventricular Nucleus Neurons. Molecular Endocrinology, 2006, 20, 2483-2492.	3.7	106
20	Early Androgen Deficiency in Infants and Young Boys with 47,XXY Klinefelter Syndrome. Hormone Research in Paediatrics, 2005, 64, 39-45.	0.8	103
21	CompleteSHOX deficiency causes Langer mesomelic dysplasia. American Journal of Medical Genetics Part A, 2002, 110, 158-163.	2.4	99
22	New gene family defined by MORC, a nuclear protein required for mouse spermatogenesis. Human Molecular Genetics, 1999, 8, 1201-1207.	1.4	94
23	Effect of Ascertainment and Genetic Features on the Phenotype of Klinefelter Syndrome. Journal of Pediatrics, 2008, 152, 716-722.	0.9	92
24	Cryptic Chromosomal Abnormalities Identified in Children With Congenital Heart Disease. Pediatric Research, 2008, 64, 358-363.	1.1	91
25	The Turner Syndromeâ€"Associated Neurocognitive Phenotype Maps to Distal Xp. American Journal of Human Genetics, 2000, 67, 672-681.	2.6	85
26	Sim1 gene dosage modulates the homeostatic feeding response to increased dietary fat in mice. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E105-E113.	1.8	85
27	Identification of morc (microrchidia), a mutation that results in arrest of spermatogenesis at an early meiotic stage in the mouse. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14361-14366.	3.3	78
28	The Phenotype of Short Stature Homeobox Gene (SHOX) Deficiency in Childhood: Contrasting Children with Leri-Weill Dyschondrosteosis and Turner Syndrome. Journal of Pediatrics, 2005, 147, 499-507.	0.9	75
29	Dynamic Regulation of p53 Subnuclear Localization and Senescence by MORC3. Molecular Biology of the Cell, 2007, 18, 1701-1709.	0.9	75
30	A Serotonin and Melanocortin Circuit Mediates d-Fenfluramine Anorexia. Journal of Neuroscience, 2010, 30, 14630-14634.	1.7	72
31	SIM1 Overexpression Partially Rescues Agouti Yellow and Diet-Induced Obesity by Normalizing Food Intake. Endocrinology, 2006, 147, 4542-4549.	1.4	68
32	Cognition and the Sex Chromosomes: Studies in Turner Syndrome. Hormone Research in Paediatrics, 2006, 65, 47-56.	0.8	68
33	Most X;autosome translocations associated with premature ovarian failure do not interrupt X-linked genes. Cytogenetic and Genome Research, 2002, 97, 32-38.	0.6	64
34	A Turner syndrome neurocognitive phenotype maps to Xp22.3. Behavioral and Brain Functions, 2007, 3, 24.	1.4	64
35	Clinical and Molecular Evaluation of SHOX/PAR1 Duplications in LÃ©ri-Weill Dyschondrosteosis (LWD) and Idiopathic Short Stature (ISS). Journal of Clinical Endocrinology and Metabolism, 2011, 96, E404-E412.	1.8	60
36	Maternal X Chromosome, Visceral Adiposity, and Lipid Profile. JAMA - Journal of the American Medical Association, 2006, 295, 1373.	3.8	58

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37	The Effect of Genetic Differences and Ovarian Failure: Intact Cognitive Function in Adult Women with Premature Ovarian FailureVersusTurner Syndrome. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1817-1822.	1.8	56
38	A fork in the road to fertility. Nature Genetics, 2001, 27, 132-134.	9.4	55
39	Behavioral phenotypes in males with <scp>XYY</scp> and possible role of increased <scp>NLGN4Y</scp> expression in autism features. Genes, Brain and Behavior, 2015, 14, 137-144.	1.1	52
40	Sequence variation at the human FOXO3 locus: a study of premature ovarian failure and primary amenorrhea. Human Reproduction, 2007, 23, 216-221.	0.4	49
41	Molecular Analysis of Genes on Xp Controlling Turner Syndrome and Premature Ovarian Failure (POF). Seminars in Reproductive Medicine, 2001, 19, 141-146.	0.5	48
42	Inactivation of the Rps4 gene on the mouse X chromosome. Genomics, 1991, 11, 1097-1101.	1.3	45
43	Kinetic and segregational analysis of mitochondrial DNA recombination in yeast. Plasmid, 1987, 17, 248-256.	0.4	41
44	The physical phenotype of girls and women with Turner syndrome is not X-imprinted. Human Genetics, 2007, 121, 469-474.	1.8	37
45	Submicroscopic Chromosomal Copy Number Variations Identified in Children With Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2012, 33, 757-763.	0.6	35
46	Deletion mapping of critical region for hypospadias, penoscrotal transposition and imperforate anus on human chromosome 13. Journal of Pediatric Urology, 2006, 2, 233-242.	0.6	31
47	UBE2A deficiency syndrome: Mild to severe intellectual disability accompanied by seizures, absent speech, urogenital, and skin anomalies in male patients. American Journal of Medical Genetics, Part A, 2010, 152A, 3084-3090.	0.7	30
48	X-linked Reticulate Pigmentary Disorder with Systemic Manifestations: Report of a Third Family and Literature Review. Pediatric Dermatology, 2005, 22, 122-126.	0.5	29
49	Human balanced translocation and mouse gene inactivation implicate Basonuclin 2 in distal urethral development. European Journal of Human Genetics, 2011, 19, 540-546.	1.4	28
50	Inducible Neuronal Inactivation of Sim1 in Adult Mice Causes Hyperphagic Obesity. Endocrinology, 2014, 155, 2436-2444.	1.4	28
51	Distribution and neurochemical characterization of protein kinase C-theta and -delta in the rodent hypothalamus. Neuroscience, 2010, 170, 1065-1079.	1.1	27
52	Growing interest in Turner syndrome. Nature Genetics, 1997, 16, 3-4.	9.4	26
53	Discriminant analysis of the Ullrich-Turner syndrome neurocognitive profile. , 1997, 72, 275-280.		26
54	Mutational analyses of UPIIIA, SHH, EFNB2, and HNF1Î² in persistent cloaca and associated kidney malformations. Journal of Pediatric Urology, 2007, 3, 2-9.	0.6	26

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55	Prune-belly syndrome and other anomalies in a stillborn fetus with a ring X chromosome lackingXIST. , 1997, 70, 32-36.		22
56	Phenotypic expansion of the supernumerary derivative (22) chromosome syndrome: VACTERL and Hirschsprung's disease. Journal of Pediatric Surgery, 2007, 42, 1928-1932.	0.8	22
57	A man who inherited hisSRY gene and Leri-Weill dyschondrosteosis from his mother and neurofibromatosis type 1 from his father. American Journal of Medical Genetics Part A, 2001, 102, 353-358.	2.4	20
58	Del (X)(p21.2) in a mother and two daughters with variable ovarian function. Clinical Genetics, 1997, 52, 235-239.	1.0	20
59	Compound heterozygosity ofSHOX-encompassing and downstream PAR1 deletions results in Langer mesomelic dysplasia (LMD). American Journal of Medical Genetics, Part A, 2007, 143A, 933-938.	0.7	18
60	Refined mapping of X-linked reticulate pigmentary disorder and sequencing of candidate genes. Human Genetics, 2008, 123, 469-476.	1.8	18
61	NK cell defects in X-linked pigmentary reticulate disorder. JCI Insight, 2019, 4, .	2.3	17
62	Rps4 maps near the inactivation center on the mouse X chromosome. Genomics, 1992, 12, 363-367.	1.3	16
63	Mesomelic and rhizomelic short stature: The phenotype of combined Leri-Weill dyschondrosteosis and achondroplasia or hypochondroplasia. American Journal of Medical Genetics Part A, 2003, 116A, 61-65.	2.4	16
64	Unconventional Wisdom About the Obesity Epidemic Symbol. American Journal of the Medical Sciences, 2010, 340, 481-491.	0.4	14
65	MC4R Mutationsâ€"Weight before Screening!. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1671-1672.	1.8	13
66	EFHC2 SNP rs7055196 is not associated with fear recognition in 45,X Turner syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 507-509.	1.1	12
67	Screening and familial characterization of copyâ€number variations in NR5A1 in 46,XY disorders of sex development and premature ovarian failure. American Journal of Medical Genetics, Part A, 2013, 161, 2487-2494.	0.7	12
68	Identification of 15 novel partial SHOX deletions and 13 partial duplications, and a review of the literature reveals intron 3 to be a hotspot region. Journal of Human Genetics, 2017, 62, 229-234.	1.1	10
69	MODY-like diabetes associated with an apparently balanced translocation: possible involvement of MPP7 gene and cell polarity in the pathogenesis of diabetes. Molecular Cytogenetics, 2009, 2, 5.	0.4	9
70	A Second Recombination Hotspot Associated with SHOX Deletions. American Journal of Human Genetics, 2006, 78, 523-525.	2.6	8
71	Effect of Growth Hormone Therapy on Severe Short Stature and Skeletal Deformities in a Patient with Combined Turner Syndrome and Langer Mesomelic Dysplasia. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 5028-5033.	1.8	5
72	Y chromosome gene copy number and lack of autism phenotype in a male with an isodicentric Y chromosome and absent NLGN4Y expression. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 471-482.	1.1	5

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73	The X Chromosome and the Ovary. Journal of the Society for Gynecologic Investigation, 2001, 8, S34-S36.	1.9	3
74	Sim1 Inhibits Bone Formation by Enhancing the Sympathetic Tone in Male Mice. Endocrinology, 2015, 156, 1408-1415.	1.4	3
75	Sex Chromosome Disorders. , 2006, , 446-452.		2
76	Mobile Elements in the Yeast Mitochondrial Genome. , 1986, 40, 29-37.		2
77	Computing power of quantitative trait locus association mapping for haploid loci. BMC Bioinformatics, 2009, 10, 261.	1.2	1
78	Authorsâ€™ Response: SHOXâ€”A Geneticistâ€™s View. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1912-1912.	1.8	0
79	Reply to Benito-Sanz et al.. American Journal of Human Genetics, 2006, 79, 414.	2.6	0
80	rSWTi: A Robust Stationary Wavelet Denoising Method for Array CGH Data. , 2007, , .		0
81	Search for the Turner Gene. Clinical Pediatric Endocrinology, 1997, 6, 59-68.	0.4	0