Barbara R Migeon

List of Publications by Year
in descending order

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78 papers	4,225 citations	117625 34 h-index	110387 64 g-index
95 all docs	95 docs citations	95 times ranked	2503 citing authors

#	Article	IF	Citations
1	Silencing XIST on the future active X: Searching human and bovine preimplantation embryos for the repressor. European Journal of Human Genetics, 2022, , .	2.8	2
2	Stochastic gene expression and chromosome interactions in protecting the human active X from silencing by XIST. Nucleus, 2021, 12, 1-5.	2.2	4
3	Reflections on the history of genetic medicine at Johns Hopkins University. American Journal of Medical Genetics, Part A, 2021, 185, 3224-3229.	1.2	1
4	Points to consider when assessing relationships (or suspecting misattributed relationships) during family-based clinical genomic testing: a statement of the American College of Medical Genetics and Genomics (ACMG). Genetics in Medicine, 2020, 22, 1285-1287.	2.4	9
5	Genetic testing and results disclosure in diverse populations: what does it take?. Genetics in Medicine, 2020, 22, 1461-1463.	2.4	1
6	X-linked diseases: susceptible females. Genetics in Medicine, 2020, 22, 1156-1174.	2.4	110
7	The Non-random Location of Autosomal Genes That Participate in X Inactivation. Frontiers in Cell and Developmental Biology, 2019, 7, 144.	3.7	4
8	Choosing the Active X: The Human Version of X Inactivation. Trends in Genetics, 2017, 33, 899-909.	6.7	39
9	Embryonic loss of human females with partial trisomy 19 identifies region critical for the single active X. PLoS ONE, 2017, 12, e0170403.	2.5	19
10	An overview of X inactivation based on species differences. Seminars in Cell and Developmental Biology, 2016, 56, 111-116.	5.0	13
11	Titles and abstracts of scientific reports ignore variation among species. ELife, 2014, 3, e05075.	6.0	1
12	The single active X in human cells: evolutionary tinkering personified. Human Genetics, 2011, 130, 281-293.	3.8	16
13	X inactivation in triploidy and trisomy: the search for autosomal transfactors that choose the active X. European Journal of Human Genetics, 2008, 16, 153-162.	2.8	20
14	X Inactivation, Female Mosaicism, and Sex Differences in Renal Diseases. Journal of the American Society of Nephrology: JASN, 2008, 19, 2052-2059.	6.1	57
15	Why females are mosaics, x-chromosome inactivation, and sex differences in disease. Gender Medicine, 2007, 4, 97-105.	1.4	135
16	The Role of X Inactivation and Cellular Mosaicism in Women's Health and Sex-Specific Diseases. JAMA - Journal of the American Medical Association, 2006, 295, 1428.	7.4	159
17	Familial nonrandom inactivation linked to the X inactivation centre in heterozygotes manifesting haemophilia A. European Journal of Human Genetics, 2005, 13, 635-640.	2.8	36
18	The X in Sex: How the X Chromosome Controls our Lives.. American Journal of Human Genetics, 2005, 76, 711-712.	6.2	0

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19	Differential X Reactivation in Human Placental Cells: Implications for Reversal of X Inactivation. American Journal of Human Genetics, 2005, 77, 355-364.	6.2	30
20	Is Tsix repression of Xist specific to mouse?. Nature Genetics, 2003, 33, 337-337.	21.4	28
21	X chromosome inactivation: theme and variations. Cytogenetic and Genome Research, 2002, 99, 8-16.	1.1	33
22	Species Differences in TSIX/Tsix Reveal the Roles of These Genes in X-Chromosome Inactivation. American Journal of Human Genetics, 2002, 71, 286-293.	6.2	117
23	Low-Copy-Number Human Transgene Is Recognized as an X Inactivation Center in Mouse ES Cells, but Fails to Induce cis-Inactivation in Chimeric Mice. Genomics, 2001, 71, 156-162.	2.9	17
24	Identification of TSIX, Encoding an RNA Antisense to Human XIST, Reveals Differences from its Murine Counterpart: Implications for X Inactivation. American Journal of Human Genetics, 2001, 69, 951-960.	6.2	117
25	Second trimester prenatal diagnosis of epignathus teratoma in ring X chromosome mosaicism with inactive ring X chromosome. Annales De GÃ©nÃ©tique, 2001, 44, 179-182.	0.4	25
26	Severe phenotypes associated with inactive ring X chromosomes. American Journal of Medical Genetics Part A, 2000, 93, 52-57.	2.4	33
27	Severe phenotypes associated with inactive ring X chromosomes. American Journal of Medical Genetics Part A, 2000, 93, 52-57.	2.4	1
28	Human X Inactivation Center Induces Random X Chromosome Inactivation in Male Transgenic Mice. Genomics, 1999, 59, 113-121.	2.9	60
29	Familial Skewed X Inactivation and X-Linked Mutations: Unbalanced X Inactivation is a Powerful Means to Ascertain X-Linked Genes That Affect Cell Proliferation. American Journal of Human Genetics, 1998, 62, 1555-1557.	6.2	23
30	The HumanNTTGene: Identification of a Novel 17-kb Noncoding Nuclear RNA Expressed in Activated CD4+T Cells. Genomics, 1997, 39, 171-184.	2.9	95
31	Centromeric inactivation in a dicentric human Y;21 translocation chromosome. Chromosoma, 1997, 106, 199-206.	2.2	40
32	Molecular characterization of a deleted X chromosome (Xq13.3-Xq21.31) exhibiting random X inactivation. Somatic Cell and Molecular Genetics, 1995, 21, 113-120.	0.7	5
33	XIST expression is repressed when X inactivation is reversed in human placental cells: A model for study ofXIST regulation. Somatic Cell and Molecular Genetics, 1995, 21, 51-60.	0.7	8
34	The XIST locus replicates late on the active X, and earlier on the inactive X based on FISH DNA replication analysis of somatic cell hybrids. Somatic Cell and Molecular Genetics, 1995, 21, 327-333.	0.7	8
35	Molecular Characterization of Tiny Ring X Chromosomes from Females with Functional X Chromosome Disomy and Lack of cis X Inactivation. Genomics, 1995, 27, 182-188.	2.9	52
36	X-chromosome inactivation: molecular mechanisms and genetic consequences. Trends in Genetics, 1994, 10, 230-235.	6.7	141

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37	DNA methylation: Molecular biology and biological significance. Trends in Genetics, 1993, 9, 326-327.	6.7	0
38	DNA methylation of the fragile X locus in somatic and germ cells during fetal development: Relevance to the fragile X syndrome and X inactivation. Somatic Cell and Molecular Genetics, 1993, 19, 393-404.	0.7	33
39	Severe Hemophilia A in a Female by Cryptic Translocation: Order and Orientation of Factor VIII within Xq28. Genomics, 1993, 16, 20-25.	2.9	21
40	Concerning the role of X-inactivation and DNA methylation in fragile X syndrome. American Journal of Medical Genetics Part A, 1992, 43, 291-298.	2.4	14
41	Programmed demethylation in CpG islands during human fetal development. Somatic Cell and Molecular Genetics, 1991, 17, 159-168.	0.7	24
42	Sex difference in methylation of single-copy genes in human meiotic germ cells: Implications for X chromosome inactivation, parental imprinting, and origin of CpG mutations. Somatic Cell and Molecular Genetics, 1990, 16, 267-282.	0.7	147
43	Insights into X chromosome inactivation from studies of species variation, DNA methylation and replication, and vice versa. Genetical Research, 1990, 56, 91-98.	0.9	46
44	Frequent derepression of G6PD and HPRT on the Marsupial inactive X chromosome associated with cell proliferation in vitro. Experimental Cell Research, 1989, 182, 597-609.	2.6	39
45	Effect of ageing on reactivation of the human X-linked HPRT locus. Nature, 1988, 335, 93-96.	27.8	81
46	Molecular studies of marsupial X chromosomes reveal limited sequence homology of mammalian X-linked genes. Genomics, 1987, 1, 19-28.	2.9	21
47	Signal sequence and DNA-mediated expression of human lysosomal alpha-galactosidase A. FEBS Journal, 1987, 165, 275-280.	0.2	32
48	Chorionic villus sampling: Fetal diagnosis of genetic diseases in the first trimester. Trends in Genetics, 1986, 2, 220.	6.7	0
49	Reactivation of X-linked genes in human fibroblasts transformed by origin-defective SV40. Somatic Cell and Molecular Genetics, 1986, 12, 585-594.	0.7	15
50	Three related centromere proteins are absent from the inactive centromere of a stable isodicentric chromosome. Chromosoma, 1985, 92, 290-296.	2.2	233
51	Clusters of CpG dinucleotides implicated by nuclease hypersensitivity as control elements of housekeeping genes. Nature, 1985, 314, 467-469.	27.8	155
52	Evidence for a relationship between DNA methylation and DNA replication from studies of the 5-azacytidine-reactivated allocyclic X chromosome. Experimental Cell Research, 1985, 158, 301-310.	2.6	26
53	Complete concordance between glucose-6-phosphate dehydrogenase activity and hypomethylation of 3â€² CpG clusters: implications for X chromosome dosage compensation. Nucleic Acids Research, 1984, 12, 9333-9348.	14.5	94
54	Characterization of reiterated human DNA with respect to mammalian X chromosome homology. Somatic Cell and Molecular Genetics, 1984, 10, 93-103.	0.7	13

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55	The Prenatal Diagnosis of Adrenoleukodystrophy. Demonstration of Increased Hexacosanoic Acid Levels in Cultured Amniocytes and Fetal Adrenal Gland. Pediatric Research, 1982, 16, 172-175.	2.3	94
56	Derepression with decreased expression of the G6PD locus on the inactive X chromosome in normal human cells. Cell, 1982, 29, 595-600.	28.9	55
57	Studies of X chromosome DNA methylation in normal human cells. Nature, 1982, 295, 667-671.	27.8	156
58	Differential expression of steroid sulphatase locus on active and inactive human X chromosome. Nature, 1982, 299, 838-840.	27.8	139
59	ANDROGEN RECEPTORS AND METABOLISM IN CULTURED HUMAN FETAL FIBROBLASTS. Pediatric Research, 1980, 14, 67-69.	2.3	50
60	Mechanism of origin of complete hydatidiform moles. Nature, 1980, 286, 714-716.	27.8	245
61	Genetic Disorders of Male Sexual Differentiation. , 1980, 10, 333-377.		8
62	Isolation and characterization of cloned DNA sequences that hybridize to the human X chromosome. Cell, 1980, 21, 95-102.	28.9	55
63	Complex chromosome rearrangements:Report of a new case and literature review. Clinical Genetics, 1980, 18, 436-444.	2.0	128
64	Enrichment of human heterokaryons by ficoll gradient for complementation analysis of iduronate sulfatase deficiency. Somatic Cell Genetics, 1979, 5, 1079-1089.	2.7	8
65	Stability of the â€œtwo active Xâ€•phenotype in triploid somatic cells. Cell, 1979, 18, 637-641.	28.9	43
66	Gene expression in euploid human hybrid cells: Ouabain resistance is codominant. Somatic Cell Genetics, 1978, 4, 531-540.	2.7	27
67	Effect of intercellular communication on the selection of intraspecific human hybrids in HAT and ouabain. Somatic Cell Genetics, 1978, 4, 541-551.	2.7	21
68	In Search of Nonrandom X Inactivation: Studies of the Placenta from Newborns Heterozygous for Glucose-6-Phosphate Dehydrogenase. , 1978, 12, 379-391.		9
69	Contact-mediated communication of ouabain resistance in mammalian cells in culture. Nature, 1977, 268, 737-739.	27.8	44
70	Evidence for two active X chromosomes in germ cells of female before meiotic entry. Nature, 1977, 269, 242-243.	27.8	49
71	Renal enzymes in kidney cells selected by D-valine medium. Journal of Cellular Physiology, 1977, 92, 161-167.	4.1	46
72	D-valine as a selective agent for normal human and rodent epithelial cells in culture. Cell, 1975, 5, 11-17.	28.9	397

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73	Quantitation of contact-feeding between somatic cells in culture. Experimental Cell Research, 1975, 95, 39-46.	2.6	37
74	Effect of ouabain resistance on human diploid fibroblasts carrying other genetic variants. Experimental Cell Research, 1975, 95, 47-53.	2.6	12
75	Genetic complementation after fusion of Tay-Sachs and Sandhoff cells. Nature, 1974, 250, 580-582.	27.8	65
76	Sex differences in activity of glucose 6-phosphate dehydrogenase from cultured human fetal lung cells despite X-inactivation. Biochemical Genetics, 1973, 9, 163-168.	1.7	14
77	Genetic heterogeneity of Î±-galactosidase in fabry's disease. FEBS Letters, 1972, 27, 161-166.	2.8	26
78	Thyroxin, Satellite Association and Trisomy. Nature, 1966, 209, 1198-1200.	27.8	12