Frederick R Bieber

List of Publications by Year
in descending order

49 papers	2,788 citations	304743 22 h-index	289244 40 g-index
53 all docs	53 docs citations	53 times ranked	1725 citing authors

#	Article	IF	Citations
1	Homologous ribosomal protein genes on the human X and Y chromosomes: Escape from X inactivation and possible implications for turner syndrome. Cell, 1990, 63, 1205-1218.	28.9	414
2	Incidence of Spontaneous Abortion among Normal Women and Insulin-Dependent Diabetic Women Whose Pregnancies Were Identified within 21 Days of Conception. New England Journal of Medicine, 1988, 319, 1617-1623.	27.0	404
3	Lack of Relation of Increased Malformation Rates in Infants of Diabetic Mothers to Glycemic Control during Organogenesis. New England Journal of Medicine, 1988, 318, 671-676.	27.0	360
4	Isolation of Novel and Known Genes from a Human Fetal Cochlear cDNA Library Using Subtractive Hybridization and Differential Screening. Genomics, 1994, 23, 42-50.	2.9	187
5	EPIDEMIOLOGY: Enhanced: DNA Identifications After the 9/11 World Trade Center Attack. Science, 2005, 310, 1122-1123.	12.6	147
6	Finding Criminals Through DNA of Their Relatives. Science, 2006, 312, 1315-1316.	12.6	144
7	Mapping and Characterization of a Novel Cochlear Gene in Human and in Mouse: A Positional Candidate Gene for a Deafness Disorder, DFNA9. Genomics, 1997, 46, 345-354.	2.9	139
8	Forensic aspects of mass disasters: Strategic considerations for DNA-based human identification. Legal Medicine, 2005, 7, 230-243.	1.3	130
9	Massive chronic intervillositis associated with recurrent abortions. Human Pathology, 1995, 26, 1245-1251.	2.0	107
10	Epidemiology of osteochondrodysplasias: Changing trends due to advances in prenatal diagnosis. American Journal of Medical Genetics Part A, 1996, 61, 49-58.	2.4	100
11	Evaluation of forensic DNA mixture evidence: protocol for evaluation, interpretation, and statistical calculations using the combined probability of inclusion. BMC Genetics, 2016, 17, 125.	2.7	76
12	Fluorescencein situ hybridization (FISH) for rapid detection of aneuploidy: experience in 911 prenatal cases. Prenatal Diagnosis, 2001, 21, 262-269.	2.3	55
13	The biology of tetraploid hydatidiform moles: Histopathology, cytogenetics, and flow cytometry. Human Pathology, 1989, 20, 419-425.	2.0	53
14	Expression of the Kallmann syndrome gene in human fetal brain and in the manipulated chick embryo. Human Molecular Genetics, 1994, 3, 1717-1723.	2.9	53
15	Doppler demonstration of reversed umbilical blood flow in an acardiac twin. Journal of Clinical Ultrasound, 1989, 17, 291-295.	0.8	51
16	Turning Base Hits into Earned Runs: Improving the Effectiveness of Forensic DNA Data Bank Programs. Journal of Law, Medicine and Ethics, 2006, 34, 222-233.	0.9	39
17	An Ancient Conserved Gene Expressed in the Human Inner Ear: Identification, Expression Analysis, and Chromosomal Mapping of Human and Mouse Antiquitin (ATQ1). Genomics, 1997, 46, 191-199.	2.9	38
18	The Probabilistic Genotyping Software <scp>STR</scp>mix: Utility and Evidence for its Validity. Journal of Forensic Sciences, 2019, 64, 393-405.	1.6	33

#	Article	IF	Citations
19	Prenatal sonography in trisomy 9. Prenatal Diagnosis, 1992, 12, 175-181.	2.3	31
20	Twins, placentas, and genetics: Acardiac twinning in a dichorionic, diamniotic, monozygotic twin gestation. Human Pathology, 1998, 29, 1028-1031.	2.0	26
21	Transposition of the External Genitalia Associated with Caudal Regression. Journal of Urology, 1987, 138, 387-389.	0.4	25
22	Achondrogenesis type I: Ultrasound diagnosis in utero. Journal of Clinical Ultrasound, 1984, 12, 357-359.	0.8	22
23	Amniotic band sequence associated with ectopia cordis in one twin. Journal of Pediatrics, 1984, 105, 817-819.	1.8	22
24	Transient cysts of the fetal choroid plexus: Morphology and histogenesis. American Journal of Medical Genetics Part A, 1987, 27, 977-982.	2.4	21
25	Microscopy and Image Analysis. Current Protocols in Human Genetics, 2017, 94, 4.4.1-4.4.89.	3.5	19
26	Heterotopic cervical salivary gland tissue in a family with probable branchio-otorenal syndrome. Head & Neck, 1986, 8, 456-462.	0.3	13
27	Complexities of limb anomalies: The lower extremity in the â€œprune bellyâ€•phenotype. Teratology, 1991, 44, 365-371.	1.6	11
28	A review of likelihood ratios in forensic science based on a critique of Stiffelman â€œNo longer the Gold standard: Probabilistic genotyping is changing the nature of DNA evidence in criminal trialsâ€• Forensic Science International, 2020, 310, 110251.	2.2	11
29	Etiologic complexities of diaphragmatic defects: Right diaphragmatic hernia, pulmonary hypoplasia/agenesis, and hydrocephalus in sibs. American Journal of Medical Genetics Part A, 1991, 41, 164-168.	2.4	8
30	A new diagnosis of Williamsâ€“Beuren syndrome in a 49â€•yearâ€•old man with severe bullous emphysema. American Journal of Medical Genetics, Part A, 2017, 173, 2235-2239.	1.2	8
31	Lack of Relation of Increased Malformation Rates in Infants of Diabetic Mothers to Glycemic Control during organogenesis. Obstetrical and Gynecological Survey, 1988, 43, 673-674.	0.4	8
32	Ocular Findings in a New Heritable Syndrome of Brain, Eye, and Urogenital Abnormalities. American Journal of Ophthalmology, 1985, 99, 51-55.	3.3	7
33	GNAZ in human fetal cochlea: expression, localization, and potential role in inner ear function. Hearing Research, 1995, 90, 55-64.	2.0	7
34	X-linked phenotype of absent radius and anogenital anomalies. American Journal of Medical Genetics Part A, 1993, 45, 743-744.	2.4	6
35	Guilt by association: should the law be able to use one person's DNA to carry out surveillance on their family? Not without a public debate. New Scientist, 2004, 184, 20.	0.0	4
36	Comments on â€œA Turner-like phenotype in the aborted fetusâ€• Teratology, 1981, 23, 418-418.	1.6	2

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37	Isolation of DNA from Forensic Evidence. Current Protocols in Human Genetics, 2000, 26, Unit 14.3.	3.5	2
38	Commentary on the decision of the American Board of Medical Genetics and Genomics to create a 24-month specialty of Laboratory Genetics and Genomics. Genetics in Medicine, 2017, 19, 294-296.	2.4	2
39	RFLP Analysis of Forensic DNA Samples with Singleâ€Locus VNTR Genetic Markers. Current Protocols in Human Genetics, 1998, 18, Unit 14.5.	3.5	1
40	Microscopy and Image Analysis. Current Protocols in Human Genetics, 1999, 22, 4.4.1.	3.5	1
41	Epidemiology of osteochondrodysplasias: Changing trends due to advances in prenatal diagnosis. American Journal of Medical Genetics Part A, 1996, 61, 49-58.	2.4	1
42	Book ReviewSurviving Pregnancy Loss After a Loss in Pregnancy. New England Journal of Medicine, 1983, 308, 908-908.	27.0	0
43	Book ReviewRadiology of Syndromes and Metabolic Disorders. New England Journal of Medicine, 1983, 308, 910-910.	27.0	0
44	Book ReviewFragile Sites on Human Chromosomes. New England Journal of Medicine, 1986, 314, 257-257.	27.0	0
45	Collecting and Handling Samples for Parentage and Forensics DNAâ€Based Genetic Testing. Current Protocols in Human Genetics, 1998, 16, Unit 14.2.	3.5	0
46	Overview of Human Identity Testing and Forensic Genetics. , 2001, Chapter 14, Unit 14.1.		0
47	Reporting of Diagnostic Cytogenetic Results. Current Protocols in Human Genetics, 2011, 70, 1D.	3.5	0
48	Reporting of Diagnostic Cytogenetic Results. Current Protocols in Human Genetics, 2016, 89, A.1D.1-A.1D.23.	3.5	0
49	Cover Image, Volume 173A, Number 8, August 2017. American Journal of Medical Genetics, Part A, 2017, 173, i.	1.2	0