Diana Bianchi

List of Publications by Year in descending order

233 papers	17,610 citations	20036 63 h-index	17373 126 g-index
242 all docs	242 docs citations	242 times ranked	9992 citing authors

#	Article	IF	Citations
1	A New Ethical Framework for Assessing the Unique Challenges of Fetal Therapy Trials. American Journal of Bioethics, 2022, 22, 45-61.	0.5	15
2	A new ethical framework to determine acceptable risks in fetal therapy trials. Prenatal Diagnosis, 2022, 42, 962-969.	1.1	1
3	Regional Alterations in Cortical Sulcal Depth in Living Fetuses with Down Syndrome. Cerebral Cortex, 2021, 31, 757-767.	1.6	13
4	Introduction to the Methods for Assessing the Impact of Screening in Childhood on Health Outcomes Supplement. Pediatrics, 2021, 148, s1-s2.	1.0	0
5	Function Follows Form: Gene Expression and Prenatal Screening. Trends in Molecular Medicine, 2021, 27, 725-727.	3.5	2
6	Novel insights from fetal and placental phenotyping in 3 mouse models of Down syndrome. American Journal of Obstetrics and Gynecology, 2021, 225, 296.e1-296.e13.	0.7	1
7	Forever Connected: The Lifelong Biological Consequences of Fetomaternal and Maternofetal Microchimerism. Clinical Chemistry, 2021, 67, 351-362.	1.5	29
8	World Prematurity Day: it takes an NIH village to prevent preterm birth and improve treatments for preterm infants. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L960-L969.	1.3	1
9	Placental development and function in trisomy 21 and mouse models of Down syndrome: Clues for studying mechanisms underlying atypical development. Placenta, 2020, 89, 58-66.	0.7	9
10	Quantitative MRI Analyses of Regional Brain Growth in Living Fetuses with Down Syndrome. Cerebral Cortex, 2020, 30, 382-390.	1.6	24
11	Challenges and Opportunities for Translation ofÂTherapies to Improve Cognition in DownÂSyndrome. Trends in Molecular Medicine, 2020, 26, 150-169.	3.5	16
12	In case you missed it: The Prenatal Diagnosis editors bring you the most significant advances of 2019. Prenatal Diagnosis, 2020, 40, 287-293.	1.1	6
13	Fetal fraction and noninvasive prenatal testing: What clinicians need to know. Prenatal Diagnosis, 2020, 40, 155-163.	1.1	82
14	Apigenin as a Candidate Prenatal Treatment for Trisomy 21: Effects in Human Amniocytes and the Ts1Cje Mouse Model. American Journal of Human Genetics, 2020, 107, 911-931.	2.6	16
15	Trends in prenatal diagnosis: An analysis of 40â€‰years of Medical Subject Heading (MeSH) terms in publications. Prenatal Diagnosis, 2020, 40, 1636-1640.	1.1	4
16	The 2019 Malcolm <scp>Fergusonâ€Smith</scp> Young Investigator Award. Prenatal Diagnosis, 2020, 40, 763-765.	1.1	0
17	Right or wrong? Looking through the retrospectoscope to analyse predictions made a decade ago in prenatal diagnosis and fetal surgery. Prenatal Diagnosis, 2020, 40, 1627-1635.	1.1	6
18	Down syndrome. Nature Reviews Disease Primers, 2020, 6, 9.	18.1	376

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19	The 2018 Malcolm Fergusonâ€Smith Young Investigator Award. Prenatal Diagnosis, 2019, 39, 835-837.	1.1	0
20	The power of human touch in the era of artificial intelligence. Pediatric Research, 2019, 86, 670-671.	1.1	1
21	The NIH Blueprint for Neuroscience Research Seeks Community Input on Future Neuroscience Investments. Journal of Neuroscience, 2019, 39, 774-775.	1.7	1
22	Turner syndrome: New insights from prenatal genomics and transcriptomics. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 29-33.	0.7	24
23	Significant Effects of Maternal Diet During Pregnancy on the Murine Fetal Brain Transcriptome and Offspring Behavior. Frontiers in Neuroscience, 2019, 13, 1335.	1.4	21
24	In case you missed it: The prenatal diagnosis editors bring you the most significant advances of 2018. Prenatal Diagnosis, 2019, 39, 61-69.	1.1	6
25	Current Controversies in Prenatal Diagnosis 2: NIPT results suggesting maternal cancer should always be disclosed. Prenatal Diagnosis, 2019, 39, 339-343.	1.1	31
26	Biological explanations for discordant noninvasive prenatal test results: Preliminary data and lessons learned. Prenatal Diagnosis, 2018, 38, 445-458.	1.1	14
27	In case you missed it: The Prenatal Diagnosis editors bring you the most significant advances of 2017. Prenatal Diagnosis, 2018, 38, 83-90.	1.1	3
28	Lifespan analysis of brain development, gene expression and behavioral phenotypes in the Ts1Cje, Ts65Dn and Dp(16)1/Yey mouse models of Down syndrome. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	84
29	Prenatal DNA Sequencing: Clinical, Counseling, and Diagnostic Laboratory Considerations. Prenatal Diagnosis, 2018, 38, 26-32.	1.1	47
30	Cherchez la femme: maternal incidental findings can explain discordant prenatal cell-free DNA sequencing results. Genetics in Medicine, 2018, 20, 910-917.	1.1	50
31	Unusual Prenatal Genomic Results Provide Proof-of-Principle of the Liquid Biopsy for Cancer Screening. Clinical Chemistry, 2018, 64, 254-256.	1.5	6
32	Disorganized Patterns of Sulcal Position in Fetal Brains with Agenesis of Corpus Callosum. Cerebral Cortex, 2018, 28, 3192-3203.	1.6	30
33	Neuroethics for the National Institutes of Health BRAIN Initiative. Journal of Neuroscience, 2018, 38, 10583-10585.	1.7	20
34	The Inadvertent Discovery of Human Fetal Cell Microchimerism. Clinical Chemistry, 2018, 64, 1400-1401.	1.5	2
35	Sequencing of Circulating Cell-free DNA during Pregnancy. New England Journal of Medicine, 2018, 379, 464-473.	13.9	221
36	Prenatal testing for neuropsychiatric disorders. Prenatal Diagnosis, 2017, 37, 3-5.	1.1	0

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37	Fetal therapy for Down syndrome: an ethical exploration. Prenatal Diagnosis, 2017, 37, 222-228.	1.1	23
38	In case you missed it: the Prenatal Diagnosis editors bring you the most significant advances of 2016. Prenatal Diagnosis, 2017, 37, 117-122.	1.1	3
39	Confined placental mosaicism for 22q11.2 deletion as the etiology for discordant positive NIPT results. Prenatal Diagnosis, 2017, 37, 416-419.	1.1	22
40	Rare autosomal trisomies, revealed by maternal plasma DNA sequencing, suggest increased risk of feto-placental disease. Science Translational Medicine, 2017, 9, .	5.8	122
41	Amniotic fluid transcriptomics reflects novel disease mechanisms in fetuses with myelomeningocele. American Journal of Obstetrics and Gynecology, 2017, 217, 587.e1-587.e10.	0.7	22
42	Cellâ€free DNA results lead to unexpected diagnosis. Clinical Case Reports (discontinued), 2017, 5, 1323-1326.	0.2	13
43	Global transcriptome dysregulation in second trimester fetuses with FMR1 expansions. Prenatal Diagnosis, 2017, 37, 43-52.	1.1	5
44	Noninvasive Prenatal DNA Testing: The Vanguard of Genomic Medicine. Annual Review of Medicine, 2017, 68, 459-472.	5.0	50
45	Copy-Number Variation and False Positive Prenatal Screening Results. New England Journal of Medicine, 2016, 375, 97-98.	13.9	11
46	Changing Paradigms in Down Syndrome: The First International Conference of the Trisomy 21 Research Society. Molecular Syndromology, 2016, 7, 251-261.	0.3	16
47	The 2015 Malcolm Fergusonâ€Smith Young Investigator Award. Prenatal Diagnosis, 2016, 36, 599-600.	1.1	0
48	Gene expression in term placentas is regulated more by spinal or epidural anesthesia than by late-onset preeclampsia or gestational diabetes mellitus. Scientific Reports, 2016, 6, 29715.	1.6	15
49	An Integrated Human/Murine Transcriptome and Pathway Approach To Identify Prenatal Treatments For Down Syndrome. Scientific Reports, 2016, 6, 32353.	1.6	65
50	Males are from Mars, and females are from Venus: sex-specific fetal brain gene expression signatures in a mouse model of maternal diet-induced obesity. American Journal of Obstetrics and Gynecology, 2016, 214, 623.e1-623.e10.	0.7	49
51	In case you missed it: the Prenatal Diagnosis editors bring you the most significant advances of 2015. Prenatal Diagnosis, 2016, 36, 3-9.	1.1	5
52	Assessing the fetal effects of maternal obesity via transcriptomic analysis of cord blood: a prospective caseâ€“control study. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 180-189.	1.1	39
53	Follow-up of multiple aneuploidies and single monosomies detected by noninvasive prenatal testing: implications for management and counseling. Prenatal Diagnosis, 2016, 36, 203-209.	1.1	50
54	Absence of Prenatal Forebrain Defects in the Dp(16)1Yey/+ Mouse Model of Down Syndrome. Journal of Neuroscience, 2016, 36, 2926-2944.	1.7	45

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55	Perinatal Natural History of the Ts1Cje Mouse Model of Down Syndrome: Growth Restriction, Early Mortality, Heart Defects, and Delayed Development. PLoS ONE, 2016, 11, e0168009.	1.1	13
56	The fetal brain transcriptome and neonatal behavioral phenotype in the Ts1Cje mouse model of Down syndrome. American Journal of Medical Genetics, Part A, 2015, 167, 1993-2008.	0.7	32
57	The 2014 Malcolm Ferguson-Smith Young Investigator Award. Prenatal Diagnosis, 2015, 35, 515-516.	1.1	0
58	Analysis of Adult Cerebral Cortex and Hippocampus Transcriptomes Reveals Unique Molecular Changes in the <scp>Ts1Cje</scp> Mouse Model of <scp>D</scp>own Syndrome. Brain Pathology, 2015, 25, 11-23.	2.1	22
59	Recommended preâ€test counseling points for noninvasive prenatal testing using cellâ€free DNA: a 2015 perspective. Prenatal Diagnosis, 2015, 35, 968-971.	1.1	70
60	Next generation sequencing and the next generation: how genomics is revolutionizing reproduction. Prenatal Diagnosis, 2015, 35, 929-930.	1.1	6
61	Pregnancy: Prepare for unexpected prenatal test results. Nature, 2015, 522, 29-30.	13.7	50
62	The Amniotic Fluid Transcriptome as a Guide to Understanding Fetal Disease. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023101-a023101.	2.9	32
63	In case you missed it: thePrenatal Diagnosiseditors bring you the most significant advances of 2014. Prenatal Diagnosis, 2015, 35, 29-34.	1.1	3
64	The pathway not taken: understanding â€˜omics data in the perinatal context. American Journal of Obstetrics and Gynecology, 2015, 213, 59.e1-59.e172.	0.7	16
65	Noninvasive Prenatal Testing and Incidental Detection of Occult Maternal Malignancies. JAMA - Journal of the American Medical Association, 2015, 314, 162.	3.8	334
66	Non-invasive prenatal testing for aneuploidy and beyond: challenges of responsible innovation in prenatal screening. Summary and recommendations. European Journal of Human Genetics, 2015, , .	1.4	13
67	Non-invasive prenatal testing for aneuploidy and beyond: challenges of responsible innovation in prenatal screening. European Journal of Human Genetics, 2015, 23, 1438-1450.	1.4	260
68	Fetal Sex Chromosome Testing by Maternal Plasma DNA Sequencing. Obstetrics and Gynecology, 2015, 125, 375-382.	1.2	134
69	CSAX: Characterizing Systematic Anomalies in eXpression Data. Journal of Computational Biology, 2015, 22, 402-413.	0.8	10
70	New Perspectives for the Rescue of Cognitive Disability in Down Syndrome. Journal of Neuroscience, 2015, 35, 13843-13852.	1.7	28
71	Maternal Malignancies Detected With Noninvasive Prenatal Testingâ€”Reply. JAMA - Journal of the American Medical Association, 2015, 314, 2192.	3.8	2
72	Current controversies in prenatal diagnosis 1: NIPT for chromosome abnormalities should be offered to women with lowa prioririsk. Prenatal Diagnosis, 2015, 35, 8-14.	1.1	20

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73	Maternal Obesity Affects Fetal Neurodevelopmental and Metabolic Gene Expression: A Pilot Study. PLoS ONE, 2014, 9, e88661.	1.1	65
74	Antenatal Noninvasive DNA Testing: Clinical Experience and Impact. American Journal of Perinatology, 2014, 31, 577-582.	0.6	12
75	Current controversies in prenatal diagnosis 1: should noninvasive DNA testing be the standard screening test for Down syndrome in all pregnant women?. Prenatal Diagnosis, 2014, 34, 6-11.	1.1	18
76	In case you missed it: thePrenatal Diagnosissection editors bring you the most significant advances of 2013. Prenatal Diagnosis, 2014, 34, 1-5.	1.1	24
77	Prenatal treatment of Down syndrome. Current Opinion in Obstetrics and Gynecology, 2014, 26, 92-103.	0.9	58
78	DNA Sequencing versus Standard Prenatal Aneuploidy Screening. New England Journal of Medicine, 2014, 371, 577-578.	13.9	39
79	Review: Cell-free fetal DNA in the maternal circulation as an indication of placental health and disease. Placenta, 2014, 35, S64-S68.	0.7	179
80	DNA Sequencing versus Standard Prenatal Aneuploidy Screening. New England Journal of Medicine, 2014, 370, 799-808.	13.9	554
81	Circulating Fetal Cell-Free DNA Fractions Differ in Autosomal Aneuploidies and Monosomy X. Clinical Chemistry, 2014, 60, 243-250.	1.5	149
82	DFLAT: functional annotation for human development. BMC Bioinformatics, 2014, 15, 45.	1.2	27
83	Integration of Noninvasive DNA Testing for Aneuploidy into Prenatal Care: What Has Happened Since the Rubber Met the Road?. Clinical Chemistry, 2014, 60, 78-87.	1.5	139
84	The 2013 Malcolm Ferguson-Smith Young Investigator Award. Prenatal Diagnosis, 2014, 34, 717-718.	1.1	0
85	Amniotic fluid RNA gene expression profiling provides insights into the phenotype of Turner syndrome. Human Genetics, 2014, 133, 1075-1082.	1.8	43
86	RNAâ€Seq and expression microarray highlight different aspects of the fetal amniotic fluid transcriptome. Prenatal Diagnosis, 2014, 34, 1006-1014.	1.1	17
87	Noninvasive prenatal testing creates an opportunity for antenatal treatment of Down syndrome. Prenatal Diagnosis, 2013, 33, 614-618.	1.1	39
88	Noninvasive prenatal testing: the paradigm is shifting rapidly. Prenatal Diagnosis, 2013, 33, 511-513.	1.1	55
89	Chorionic plate expression patterns of the maspin tumor suppressor protein in preeclamptic and egg donor placentas. Placenta, 2013, 34, 385-387.	0.7	6
90	Noninvasive Detection of Fetal Subchromosome Abnormalities via Deep Sequencing of Maternal Plasma. American Journal of Human Genetics, 2013, 92, 167-176.	2.6	228

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91	52: Maternal plasma DNA sequencing: effects of multiple gestation on aneuploidy detection and the relative cell-free fetal DNA (cffDNA) per fetus. American Journal of Obstetrics and Gynecology, 2013, 208, S31.	0.7	15
92	The Role of Social Networking Sites in Medical Genetics Research. American Journal of Medical Genetics, Part A, 2013, 161, 951-957.	0.7	29
93	Global gene expression analysis of amniotic fluid cellâ€free RNA from recipient twins with twinâ€“twin transfusion syndrome. Prenatal Diagnosis, 2013, 33, 873-883.	1.1	24
94	Massively Parallel Sequencing of Maternal Plasma DNA in 113 Cases of Fetal Nuchal Cystic Hygroma. Obstetrics and Gynecology, 2013, 121, 1057-1062.	1.2	32
95	Global Gene Expression Analysis of Term Amniotic Fluid Cell-Free Fetal RNA. Obstetrics and Gynecology, 2013, 121, 1248-1254.	1.2	28
96	Comprehensive Analysis of Genes Expressed by Rare Microchimeric Fetal Cells in the Maternal Mouse Lung1. Biology of Reproduction, 2012, 87, 42.	1.2	25
97	The natural history of fetal cells in postpartum murine maternal lung and bone marrow. Chimerism, 2012, 3, 59-64.	0.7	8
98	Genome-Wide Fetal Aneuploidy Detection by Maternal Plasma DNA Sequencing. Obstetrics and Gynecology, 2012, 119, 890-901.	1.2	565
99	The Amniotic Fluid Transcriptome. Obstetrics and Gynecology, 2012, 119, 111-118.	1.2	54
100	Novel neurodevelopmental information revealed in amniotic fluid supernatant transcripts from fetuses with trisomies 18 and 21. Human Genetics, 2012, 131, 1751-1759.	1.8	32
101	Increased Death of Adipose Cells, a Path to Release Cellâ€Free DNA Into Systemic Circulation of Obese Women. Obesity, 2012, 20, 2213-2219.	1.5	115
102	Tracking fetal development through molecular analysis of maternal biofluids. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1970-1980.	1.8	17
103	Fetal genes in mother's blood. Nature, 2012, 487, 304-305.	13.7	13
104	The 2011 Malcolm Fergusonâ€Smith Young Investigator Award. Prenatal Diagnosis, 2012, 32, 613-613.	1.1	0
105	A multifactorial relationship exists between total circulating cellâ€free DNA levels and maternal BMI. Prenatal Diagnosis, 2012, 32, 912-914.	1.1	64
106	From prenatal genomic diagnosis to fetal personalized medicine: progress and challenges. Nature Medicine, 2012, 18, 1041-1051.	15.2	151
107	Proof of Concept Study to Assess Fetal Gene Expression in Amniotic Fluid by NanoArray PCR. Journal of Molecular Diagnostics, 2011, 13, 565-570.	1.2	12
108	Maternal background strain influences fetalâ€“maternal trafficking more than maternal immune competence in mice. Journal of Reproductive Immunology, 2011, 90, 188-194.	0.8	14

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109	Pregnancy-associated progenitor cells: An under-recognized potential source of stem cells in maternal lung. Placenta, 2011, 32, S298-S303.	0.7	18
110	Transcriptomic analysis of cell-free fetal RNA suggests a specific molecular phenotype in trisomy 18. Human Genetics, 2011, 129, 295-305.	1.8	44
111	Comparison of extraction techniques for amniotic fluid supernatant demonstrates improved yield of cellâ€free fetal RNA. Prenatal Diagnosis, 2011, 31, 598-599.	1.1	13
112	The 2010 ISPD meeting issue: World class science, World Cup football. Prenatal Diagnosis, 2011, 31, 225-227.	1.1	0
113	Gene expression analysis of amniotic fluid: New biomarkers and novel antenatal treatments. Clinical Biochemistry, 2011, 44, 448-450.	0.8	11
114	Fetal Cell Microchimerism and Cancer: A Nexus of Reproduction, Immunology, and Tumor Biology. Cancer Research, 2011, 71, 8-12.	0.4	47
115	Noninvasive Fetal Sex Determination Using Cell-Free Fetal DNA. JAMA - Journal of the American Medical Association, 2011, 306, 627-36.	3.8	213
116	Cell-free fetal nucleic acids in amniotic fluid. Human Reproduction Update, 2011, 17, 362-371.	5.2	47
117	Gene expression analysis of amniotic fluid: new biomarkers and novel antenatal treatments. Clinical Biochemistry, 2011, 44, 448-50.	0.8	1
118	Insights into fetal and neonatal development through analysis of cell-free RNA in body fluids. Early Human Development, 2010, 86, 747-752.	0.8	11
119	Circulating cellâ€free DNA levels increase variably following chorionic villus sampling. Prenatal Diagnosis, 2010, 30, 325-328.	1.1	19
120	From Michael to microarrays: 30 years of studying fetal cells and nucleic acids in maternal blood. Prenatal Diagnosis, 2010, 30, 622-623.	1.1	20
121	Prenatal Diagnosis: past, present, and future. Prenatal Diagnosis, 2010, 30, 601-604.	1.1	17
122	Neonatal Salivary Analysis Reveals Global Developmental Gene Expression Changes in the Premature Infant. Clinical Chemistry, 2010, 56, 409-416.	1.5	35
123	Placental pathology in egg donor pregnancies. Fertility and Sterility, 2010, 93, 397-404.	0.5	106
124	Increased fetal cell trafficking in murine lung following complete pregnancy loss from exposure to lipopolysaccharide. Fertility and Sterility, 2010, 93, 1718-1721.e2.	0.5	26
125	Non-invasive prenatal diagnosis using cell-free nucleic acids in maternal blood. Journal of Women S Medicine, 2010, 3, 35.	0.1	1
126	Functional genomic analysis of amniotic fluid cell-free mRNA suggests that oxidative stress is significant in Down syndrome fetuses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9425-9429.	3.3	106

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127	Microchimerism in Endocrine Pathology. Endocrine Pathology, 2009, 20, 11-16.	5.2	10
128	Arrays, lasers, balloons and first trimester sonographic screening: an introduction to the 2008 International Society for Prenatal Diagnosis meeting issue. Prenatal Diagnosis, 2009, 29, 1-1.	1.1	1
129	Genetic considerations in the prenatal diagnosis of overgrowth syndromes. Prenatal Diagnosis, 2009, 29, 923-929.	1.1	50
130	Use of array comparative genomic hybridization for prenatal diagnosis of fetuses with sonographic anomalies and normal metaphase karyotype. Prenatal Diagnosis, 2009, 29, 1213-1217.	1.1	97
131	Smoking in pregnancy is associated with increased total maternal serum cellâ€free DNA levels. Prenatal Diagnosis, 2008, 28, 186-190.	1.1	15
132	Down syndrome serum screening also identifies an increased risk for multicystic dysplastic kidney, twoâ€vessel cord, and hydrocele. Prenatal Diagnosis, 2008, 28, 1204-1208.	1.1	4
133	Quantification of green fluorescent protein by in vivo imaging, PCR, and flow cytometry: Comparison of transgenic strains and relevance for fetal cell microchimerism. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 11-118.	1.1	38
134	Method for Extraction of High-Quantity and -Quality Cell-Free DNA from Amniotic Fluid. Methods in Molecular Biology, 2008, 444, 303-309.	0.4	6
135	pH but not hypoxia affects neonatal gene expression: Relevance for housekeeping gene selection. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 443-447.	0.7	3
136	Fetomaternal Trafficking in the Mouse Increases as Delivery Approaches and Is Highest in the Maternal Lung1. Biology of Reproduction, 2008, 79, 841-848.	1.2	53
137	Cell-free DNA Fragmentation Patterns in Amniotic Fluid Identify Genetic Abnormalities and Changes due to Storage. Diagnostic Molecular Pathology, 2008, 17, 185-190.	2.1	6
138	Fetomaternal Cell Trafficking and the Stem Cell Debate. JAMA - Journal of the American Medical Association, 2007, 297, 1489-91.	3.8	33
139	Cell-Free Fetal DNA in Amniotic Fluid: Unique Fragmentation Signatures in Euploid and Aneuploid Fetuses. Clinical Chemistry, 2007, 53, 405-411.	1.5	14
140	Fetal cells participate over time in the response to specific types of murine maternal hepatic injury. Human Reproduction, 2007, 22, 654-661.	0.4	87
141	Prenatal diagnosis using cell-free nucleic acids in maternal body fluids: A decade of progress. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2007, 145C, 5-17.	0.7	66
142	Array-CGH analysis of cell-free fetal DNA in 10 mL of amniotic fluid supernatant. Prenatal Diagnosis, 2007, 27, 616-621.	1.1	34
143	Georg Schmorl on Trophoblasts in the Maternal Circulation. Placenta, 2007, 28, 1-5.	0.7	125
144	Gene expression analysis in pregnant women and their infants identifies unique fetal biomarkers that circulate in maternal blood. Journal of Clinical Investigation, 2007, 117, 3007-3019.	3.9	53

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145	Trophoblastic Oxidative Stress and the Release of Cell-Free Feto-Placental DNA. American Journal of Pathology, 2006, 169, 400-404.	1.9	189
146	At-Home Fetal DNA Gender Testing. Obstetrics and Gynecology, 2006, 107, 216-218.	1.2	42
147	Fetal Nucleic Acids in Maternal Body Fluids: An Update. Annals of the New York Academy of Sciences, 2006, 1075, 63-73.	1.8	20
148	Circulating cell-free fetal messenger RNA levels after fetoscopic interventions of complicated pregnancies. American Journal of Obstetrics and Gynecology, 2006, 195, 230-235.	0.7	23
149	The natural history of trisomy 12p. American Journal of Medical Genetics, Part A, 2006, 140A, 695-703.	0.7	38
150	Larger Columns and Change of Lysis Buffer Increase the Yield of Cell-Free DNA Extracted from Amniotic Fluid. Clinical Chemistry, 2006, 52, 156-157.	1.5	9
151	Noninvasive Prenatal Diagnosis of Fetal Rhesus D. Obstetrics and Gynecology, 2005, 106, 841-844.	1.2	95
152	Persistent elevation of cell-free fetal DNA levels in maternal plasma after selective laser coagulation of chorionic plate anastomoses in severe midgestational twin-twin transfusion syndrome. American Journal of Obstetrics and Gynecology, 2005, 192, 604-609.	0.7	33
153	Placental volume, as measured by 3-dimensional sonography and levels of maternal plasma cell-free fetal DNA. American Journal of Obstetrics and Gynecology, 2005, 193, 496-500.	0.7	55
154	High levels of fetal cell-free DNA in maternal serum: A risk factor for spontaneous preterm delivery. American Journal of Obstetrics and Gynecology, 2005, 193, 421-425.	0.7	142
155	Natural history of fetal cell microchimerism during and following murine pregnancy. Journal of Reproductive Immunology, 2005, 66, 1-12.	0.8	117
156	Global Gene Expression Analysis of the Living Human Fetus Using Cell-Free Messenger RNA in Amniotic Fluid. JAMA - Journal of the American Medical Association, 2005, 293, 836.	3.8	59
157	Multi-lineage potential of fetal cells in maternal tissue: a legacy in reverse. Journal of Cell Science, 2005, 118, 1559-1563.	1.2	167
158	Presence of Filterable and Nonfilterable Cell-Free mRNA in Amniotic Fluid. Clinical Chemistry, 2005, 51, 1024-1026.	1.5	14
159	Changes of Cell-Free Fetal DNA in Maternal Plasma after Elective Termination of Pregnancy. Clinical Chemistry, 2005, 51, 217-219.	1.5	11
160	First-Trimester Septated Cystic Hygroma. Obstetrics and Gynecology, 2005, 106, 288-294.	1.2	189
161	First-Trimester or Second-Trimester Screening, or Both, for Down's Syndrome. New England Journal of Medicine, 2005, 353, 2001-2011.	13.9	1,044
162	Plasma Î³-Globin Gene Expression Suggests that Fetal Hematopoietic Cells Contribute to the Pool of Circulating Cell-Free Fetal Nucleic Acids during Pregnancy. Clinical Chemistry, 2004, 50, 689-693.	1.5	33

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163	Transfer of Fetal Cells With Multilineage Potential to Maternal Tissue. JAMA - Journal of the American Medical Association, 2004, 292, 75.	3.8	243
164	Inverse Correlation Between Maternal Weight and Second Trimester Circulating Cell-Free Fetal DNA Levels. Obstetrics and Gynecology, 2004, 104, 545-550.	1.2	46
165	Circulating Fetal DNA: Its Origin and Diagnostic Potentialâ€"A Review. Placenta, 2004, 25, S93-S101.	0.7	183
166	Fetomaternal cell traffic, pregnancy-associated progenitor cells, and autoimmune disease. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2004, 18, 959-975.	1.4	35
167	Cell-free fetal DNA in the cerebrospinal fluid of women during the peripartum period. American Journal of Obstetrics and Gynecology, 2004, 190, 1087-1090.	0.7	35
168	Two-stage elevation of cell-free fetal DNA in maternal sera before onset of preeclampsia. American Journal of Obstetrics and Gynecology, 2004, 190, 707-713.	0.7	225
169	OC121: Persistent elevation of cell-free fetal DNA levels in maternal plasma following selective laser coagulation of chorionic plate anastomoses in twin-twin transfusion syndrome. Ultrasound in Obstetrics and Gynecology, 2004, 24, 249-249.	0.9	0
170	Fetal Cell-Free Nucleic Acids in the Maternal Circulation: New Clinical Applications. Annals of the New York Academy of Sciences, 2004, 1022, 90-99.	1.8	65
171	Circulating Cell-Free Fetal Nucleic Acid Analysis May Be a Novel Marker of Fetomaternal Hemorrhage after Elective First-Trimester Termination of Pregnancy. Annals of the New York Academy of Sciences, 2004, 1022, 129-134.	1.8	10
172	Interlaboratory Comparison of Fetal Male DNA Detection from Common Maternal Plasma Samples by Real-Time PCR. Clinical Chemistry, 2004, 50, 516-521.	1.5	104
173	Microarray Analysis of Cell-Free Fetal DNA in Amniotic Fluid: a Prenatal Molecular Karyotype. American Journal of Human Genetics, 2004, 75, 485-491.	2.6	83
174	Cell-free fetal DNA levels in maternal plasma after elective first-trimester termination of pregnancy. Fertility and Sterility, 2004, 81, 638-644.	0.5	52
175	Maternal serum cell-free fetal DNA levels are increased in cases of trisomyÂ13 but not trisomy 18. Human Genetics, 2003, 112, 204-208.	1.8	87
176	The influence of fetal loss on the presence of fetal cell microchimerism: A systematic review. Arthritis and Rheumatism, 2003, 48, 3237-3241.	6.7	112
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