Angela N Barrett

List of Publications by Year
in descending order

33 papers	1,643 citations	394421 19 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	2304 citing authors

#	Article	IF	Citations
1	Impact of longâ€term storage of plasma and cellâ€free DNA on measured DNA quantity and fetal fraction. Vox Sanguinis, 2020, 115, 586-594.	1.5	7
2	Human Wharton's Jelly Mesenchymal Stem Cells Show Unique Gene Expression Compared with Bone Marrow Mesenchymal Stem Cells Using Single-Cell RNA-Sequencing. Stem Cells and Development, 2019, 28, 196-211.	2.1	52
3	Biology of human primitive erythroblasts for application in noninvasive prenatal diagnosis. Prenatal Diagnosis, 2018, 38, 673-684.	2.3	7
4	Non-invasive foetal RhD genotyping to guide anti-D prophylaxis: an external quality assurance workshop. Blood Transfusion, 2018, 16, 359-362.	0.4	4
5	Challenges in nonâ€invasive prenatal screening for subâ€chromosomal copy number variations using cellâ€free DNA. Prenatal Diagnosis, 2017, 37, 1067-1075.	2.3	37
6	Has noninvasive prenatal testing impacted termination of pregnancy and live birth rates of infants with <scp>Down</scp> syndrome?. Prenatal Diagnosis, 2017, 37, 1281-1290.	2.3	51
7	Thalassaemia screening and confirmation of carriers in parents. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2017, 39, 27-40.	2.8	27
8	Evaluation of preferences of women and healthcare professionals in Singapore for implementation of noninvasive prenatal testing for Down syndrome. Singapore Medical Journal, 2017, 58, 298-310.	0.6	15
9	Measurement of fetal fraction in cell-free DNA from maternal plasma using a panel of insertion/deletion polymorphisms. PLoS ONE, 2017, 12, e0186771.	2.5	21
10	Synthetic combinations of missense polymorphic genetic changes underlying Down syndrome susceptibility. Cellular and Molecular Life Sciences, 2016, 73, 4001-4017.	5.4	12
11	Preferences for prenatal tests for Down syndrome: an international comparison of the views of pregnant women and health professionals. European Journal of Human Genetics, 2016, 24, 968-975.	2.8	56
12	Application of real-time PCR of sex-independent insertion-deletion polymorphisms to determine fetal sex using cell-free fetal DNA from maternal plasma. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1189-95.	2.3	3
13	Nonâ€invasive prenatal diagnosis of achondroplasia and thanatophoric dysplasia: nextâ€generation sequencing allows for a safer, more accurate, and comprehensive approach. Prenatal Diagnosis, 2015, 35, 656-662.	2.3	156
14	Nonâ€invasive prenatal diagnostic testing for Î²â€thalassaemia using cellâ€free fetal DNA and next generation sequencing. Prenatal Diagnosis, 2015, 35, 258-265.	2.3	51
15	Detection of aneuploidy from single fetal nucleated red blood cells using whole genome sequencing. Prenatal Diagnosis, 2015, 35, 637-644.	2.3	18
16	The assessment of combined first trimester screening in women of advanced maternal age in an Asian cohort. Singapore Medical Journal, 2015, 56, 47-52.	0.6	13
17	Authorsâ€™ reply: The assessment of combined first trimester screening in women of advanced maternal age in an Asian cohort. Singapore Medical Journal, 2015, 56, 360-360.	0.6	0
18	Stability of cell-free DNA from maternal plasma isolated following a single centrifugation step. Prenatal Diagnosis, 2014, 34, 1283-1288.	2.3	25

#	Article	IF	Citations
19	Critical role for DOK1 in PDGF-BB stimulated glioma cell invasion via p130Cas and Rap1 signalling. Journal of Cell Science, 2014, 127, 2647-58.	2.0	15
20	Developing Noninvasive Diagnosis for Single-Gene Disorders: The Role of Digital PCR. Methods in Molecular Biology, 2014, 1160, 215-228.	0.9	14
21	Safe, accurate, prenatal diagnosis of thanatophoric dysplasia using ultrasound and free fetal DNA. Prenatal Diagnosis, 2013, 33, 416-423.	2.3	83
22	The clinical implementation of nonâ€invasive prenatal diagnosis for singleâ€gene disorders: challenges and progress made. Prenatal Diagnosis, 2013, 33, 555-562.	2.3	121
23	p130Cas: A key signalling node in health and disease. Cellular Signalling, 2013, 25, 766-777.	3.6	74
24	Uses of cell free fetal DNA in maternal circulation. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2012, 26, 639-654.	2.8	48
25	Digital PCR Analysis of Maternal Plasma for Noninvasive Detection of Sickle Cell Anemia. Clinical Chemistry, 2012, 58, 1026-1032.	3.2	179
26	Implementing Prenatal Diagnosis Based on Cell-Free Fetal DNA: Accurate Identification of Factors Affecting Fetal DNA Yield. PLoS ONE, 2011, 6, e25202.	2.5	102
27	Great vessel development requires biallelic expression of Chd7 and Tbx1 in pharyngeal ectoderm in mice. Journal of Clinical Investigation, 2009, 119, 3301-10.	8.2	119
28	DNA methylation-independent loss of RARA gene expression in acute myeloid leukemia. Blood, 2008, 111, 2374-2377.	1.4	46
29	Breast cancer associated transcriptional repressor PLU-1/JARID1B interacts directly with histone deacetylases. International Journal of Cancer, 2007, 121, 265-275.	5.1	87
30	Deregulation of RARÎ³ and RARÎ³-Specific miRNAs in AML.. Blood, 2007, 110, 3182-3182.	1.4	0
31	Gene Expression Changes Induced by a Recombinant E1^{â€“}/E3^{â€“} Adenovirus Type 5 Vector in Human Mammary Epithelial Cells. Intervirology, 2005, 48, 350-361.	2.8	10
32	Expression of ATRA Inducible RARÎ±2 Isoform Is Deregulated in AML.. Blood, 2005, 106, 1204-1204.	1.4	0
33	PLU-1 nuclear protein, which is upregulated in breast cancer, shows restricted expression in normal human adult tissues: A new cancer/testis antigen?. International Journal of Cancer, 2002, 101, 581-588.	5.1	190