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	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
2	Digital PCR Analysis of Maternal Plasma for Noninvasive Detection of Sickle Cell Anemia. Clinical Chemistry, 2012, 58, 1026-1032.	3.2	179
3	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
4	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
5	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
6	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
7	Breast cancer associated transcriptional repressor PLU-1/JARID1B interacts directly with histone deacetylases. International Journal of Cancer, 2007, 121, 265-275.	5.1	87
8	Safe, accurate, prenatal diagnosis of thanatophoric dysplasia using ultrasound and free fetal DNA. Prenatal Diagnosis, 2013, 33, 416-423.	2.3	83
9	p130Cas: A key signalling node in health and disease. Cellular Signalling, 2013, 25, 766-777.	3.6	74
10	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
11	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
12	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
13	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
14	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
15	DNA methylation-independent loss of RARA gene expression in acute myeloid leukemia. Blood, 2008, 111, 2374-2377.	1.4	46
16	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
17	Thalassaemia screening and confirmation of carriers in parents. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2017, 39, 27-40.	2.8	27
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	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
20	Detection of aneuploidy from single fetal nucleated red blood cells using whole genome sequencing. Prenatal Diagnosis, 2015, 35, 637-644.	2.3	18
21	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
22	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
23	Developing Noninvasive Diagnosis for Single-Gene Disorders: The Role of Digital PCR. Methods in Molecular Biology, 2014, 1160, 215-228.	0.9	14
24	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
25	Synthetic combinations of missense polymorphic genetic changes underlying Down syndrome susceptibility. Cellular and Molecular Life Sciences, 2016, 73, 4001-4017.	5.4	12
26	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
27	Biology of human primitive erythroblasts for application in noninvasive prenatal diagnosis. Prenatal Diagnosis, 2018, 38, 673-684.	2.3	7
28	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
29	Non-invasive foetal RhD genotyping to guide anti-D prophylaxis: an external quality assurance workshop. Blood Transfusion, 2018, 16, 359-362.	0.4	4
30	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
31	Expression of ATRA Inducible RARÎ±2 Isoform Is Deregulated in AML.. Blood, 2005, 106, 1204-1204.	1.4	0
32	Deregulation of RARÎ³ and RARÎ³-Specific miRNAs in AML.. Blood, 2007, 110, 3182-3182.	1.4	0
33	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