

Jacqueline A Shaw

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95
papers

7,174
citations

37
h-index

84
g-index

106
ext. papers

8,953
ext. citations

9.7
avg, IF

4.96
L-index

#	Paper	IF	Citations
95	Tracking the Evolution of Non-Small-Cell Lung Cancer. <i>New England Journal of Medicine</i> , 2017 , 376, 2109-2121	51.2	1156
94	Phylogenetic ctDNA analysis depicts early-stage lung cancer evolution. <i>Nature</i> , 2017 , 545, 446-451	50.4	796
93	Allele-Specific HLA Loss and Immune Escape in Lung Cancer Evolution. <i>Cell</i> , 2017 , 171, 1259-1271.e11	56.2	541
92	Methylation associated inactivation of RASSF1A from region 3p21.3 in lung, breast and ovarian tumours. <i>Oncogene</i> , 2001 , 20, 1509-18	9.2	318
91	Mapping of mutation causing Friedreich's ataxia to human chromosome 9. <i>Nature</i> , 1988 , 334, 248-50	50.4	297
90	Fc Effector Function Contributes to the Activity of Human Anti-CTLA-4 Antibodies. <i>Cancer Cell</i> , 2018 , 33, 649-663.e4	24.3	296
89	Comparison of microfluidic digital PCR and conventional quantitative PCR for measuring copy number variation. <i>Nucleic Acids Research</i> , 2012 , 40, e82	20.1	283
88	Fc-Optimized Anti-CD25 Depletes Tumor-Infiltrating Regulatory T Cells and Synergizes with PD-1 Blockade to Eradicate Established Tumors. <i>Immunity</i> , 2017 , 46, 577-586	32.3	225
87	Primary breast myoepithelial cells exert an invasion-suppressor effect on breast cancer cells via paracrine down-regulation of MMP expression in fibroblasts and tumour cells. <i>Journal of Pathology</i> , 2003 , 201, 562-72	9.4	184
86	Genomic analysis of circulating cell-free DNA infers breast cancer dormancy. <i>Genome Research</i> , 2012 , 22, 220-31	9.7	152
85	Mutation Analysis of Cell-Free DNA and Single Circulating Tumor Cells in Metastatic Breast Cancer Patients with High Circulating Tumor Cell Counts. <i>Clinical Cancer Research</i> , 2017 , 23, 88-96	12.9	151
84	Tracking genomic cancer evolution for precision medicine: the lung TRACERx study. <i>PLoS Biology</i> , 2014 , 12, e1001906	9.7	136
83	Influence of plasma processing on recovery and analysis of circulating nucleic acids. <i>PLoS ONE</i> , 2013 , 8, e77963	3.7	134
82	Personalized Detection of Circulating Tumor DNA Antedates Breast Cancer Metastatic Recurrence. <i>Clinical Cancer Research</i> , 2019 , 25, 4255-4263	12.9	133
81	Noninvasive detection of activating estrogen receptor 1 (ESR1) mutations in estrogen receptor-positive metastatic breast cancer. <i>Clinical Chemistry</i> , 2015 , 61, 974-82	5.5	129
80	A framework for the development of effective anti-metastatic agents. <i>Nature Reviews Clinical Oncology</i> , 2019 , 16, 185-204	19.4	119
79	Glomerular expression of nephrin is decreased in acquired human nephrotic syndrome. <i>Nephrology Dialysis Transplantation</i> , 1999 , 14, 1234-7	4.3	97

78	Tumour-associated tenascin-C isoforms promote breast cancer cell invasion and growth by matrix metalloproteinase-dependent and independent mechanisms. <i>Breast Cancer Research</i> , 2009 , 11, R24	8.3	91
77	Oestrogen receptors alpha and beta differ in normal human breast and breast carcinomas. <i>Journal of Pathology</i> , 2002 , 198, 450-7	9.4	82
76	Isolation and extraction of circulating tumor DNA from patients with small cell lung cancer. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1137, 98-107	6.5	80
75	The evidence base for circulating tumour DNA blood-based biomarkers for the early detection of cancer: a systematic mapping review. <i>BMC Cancer</i> , 2017 , 17, 697	4.8	77
74	Detection of HER2 amplification in circulating free DNA in patients with breast cancer. <i>British Journal of Cancer</i> , 2011 , 104, 1342-8	8.7	68
73	Reproducibility in the quantification of mRNA levels by RT-PCR-ELISA and RT competitive-PCR-ELISA. <i>BioTechniques</i> , 1998 , 24, 652-8	2.5	66
72	NEOCENT: a randomised feasibility and translational study comparing neoadjuvant endocrine therapy with chemotherapy in ER-rich postmenopausal primary breast cancer. <i>Breast Cancer Research and Treatment</i> , 2014 , 148, 581-90	4.4	62
71	Factors that influence quality and yield of circulating-free DNA: A systematic review of the methodology literature. <i>Heliyon</i> , 2018 , 4, e00699	3.6	61
70	Microsatellite instability in early sporadic breast cancer. <i>British Journal of Cancer</i> , 1996 , 73, 1393-7	8.7	61
69	Next Generation Sequencing of Circulating Cell-Free DNA for Evaluating Mutations and Gene Amplification in Metastatic Breast Cancer. <i>Clinical Chemistry</i> , 2017 , 63, 532-541	5.5	60
68	Loss of heterozygosity at chromosome 6q in preinvasive and early invasive breast carcinomas. <i>British Journal of Cancer</i> , 1997 , 75, 1324-9	8.7	60
67	The importance of careful blood processing in isolation of cell-free DNA. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1075, 313-7	6.5	58
66	Microsatellite alterations plasma DNA of primary breast cancer patients. <i>Clinical Cancer Research</i> , 2000 , 6, 1119-24	12.9	57
65	Ectopic expression of P-cadherin correlates with promoter hypomethylation early in colorectal carcinogenesis and enhanced intestinal crypt fission in vivo. <i>Cancer Research</i> , 2008 , 68, 7760-8	10.1	55
64	Differential effects of cyclosporin and tacrolimus on the expression of fibrosis-associated genes in isolated glomeruli from renal transplants. <i>British Journal of Surgery</i> , 2000 , 87, 1569-75	5.3	55
63	Loss of heterozygosity at the mannose 6-phosphate insulin-like growth factor 2 receptor gene correlates with poor differentiation in early breast carcinomas. <i>British Journal of Cancer</i> , 1997 , 76, 1558-61	8.7	50
62	Molecular pathology of breast cancer and its application to clinical management. <i>Cancer and Metastasis Reviews</i> , 1997 , 16, 5-27	9.6	45
61	Matrix metalloproteinase single-nucleotide polymorphisms and haplotypes predict breast cancer progression. <i>Clinical Cancer Research</i> , 2007 , 13, 6673-80	12.9	45

60	Intrinsic genetic characteristics determine tumor-modifying capacity of fibroblasts: matrix metalloproteinase-3 5A/5A genotype enhances breast cancer cell invasion. <i>Breast Cancer Research</i> , 2007 , 9, R67	8.3	40
59	Plasma cell-free DNA (cfDNA) as a predictive and prognostic marker in patients with metastatic breast cancer. <i>Breast Cancer Research</i> , 2019 , 21, 149	8.3	40
58	Vitamin C supplementation in normal subjects reduces constitutive ICAM-1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 308, 339-45	3.4	37
57	Sporadic breast cancer in young women: prevalence of loss of heterozygosity at p53, BRCA1 and BRCA2. <i>International Journal of Cancer</i> , 2002 , 98, 205-9	7.5	35
56	LMTK3 is implicated in endocrine resistance via multiple signaling pathways. <i>Oncogene</i> , 2013 , 32, 3371-80	9.2	34
55	Chromosome 3p allele loss in early invasive breast cancer: detailed mapping and association with clinicopathological features. <i>Journal of Clinical Pathology</i> , 2001 , 54, 300-6		34
54	"Acadian" and "classical" forms of Friedreich ataxia are most probably caused by mutations at the same locus. <i>American Journal of Medical Genetics Part A</i> , 1989 , 33, 266-8		34
53	Expression of tenascin-C and its isoforms in the breast. <i>Cancer and Metastasis Reviews</i> , 2010 , 29, 595-606	6.6	33
52	Profiling tumour heterogeneity through circulating tumour DNA in patients with pancreatic cancer. <i>Oncotarget</i> , 2017 , 8, 87221-87233	3.3	29
51	Microsatellite instability in ductal carcinoma in situ of the breast. <i>Journal of Pathology</i> , 1998 , 185, 18-24	9.4	28
50	The pioneer factor PBX1 is a novel driver of metastatic progression in ER β -positive breast cancer. <i>Oncotarget</i> , 2015 , 6, 21878-91	3.3	28
49	Effects of oral vitamin C on monocyte: endothelial cell adhesion in healthy subjects. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 294, 1161-8	3.4	26
48	Circulating tumor cells and plasma DNA analysis in patients with indeterminate early or metastatic breast cancer. <i>Biomarkers in Medicine</i> , 2011 , 5, 87-91	2.3	23
47	Association of invasion-promoting tenascin-C additional domains with breast cancers in young women. <i>Breast Cancer Research</i> , 2010 , 12, R57	8.3	23
46	Identification of CpG islands in a physical map encompassing the Friedreich's ataxia locus. <i>Genomics</i> , 1991 , 9, 90-5	4.3	23
45	Circulating tumour-derived DNA in metastatic soft tissue sarcoma. <i>Oncotarget</i> , 2018 , 9, 10549-10560	3.3	22
44	Amplification of specific mRNA from a single human renal glomerulus, with an approach to the separation of epithelial cell mRNA. <i>Journal of Pathology</i> , 1996 , 180, 188-93	9.4	20
43	Clonal architecture in mesothelioma is prognostic and shapes the tumour microenvironment. <i>Nature Communications</i> , 2021 , 12, 1751	17.4	20

42	Representative Sequencing: Unbiased Sampling of Solid Tumor Tissue. <i>Cell Reports</i> , 2020 , 31, 107550	10.6	19
41	Telomere instability detected in sporadic colon cancers, some showing mutations in a mismatch repair gene. <i>Oncogene</i> , 2004 , 23, 3434-43	9.2	19
40	Circulating tumor DNA in patients with colorectal adenomas: assessment of detectability and genetic heterogeneity. <i>Cell Death and Disease</i> , 2018 , 9, 894	9.8	19
39	Circulating free DNA in the management of breast cancer. <i>Annals of Translational Medicine</i> , 2014 , 2, 3	3.2	16
38	Evidence that superficial basal cell carcinoma is monoclonal from analysis of the Ptch1 gene locus. <i>British Journal of Dermatology</i> , 2002 , 147, 931-5	4	15
37	The role of ctDNA detection and the potential of the liquid biopsy for breast cancer monitoring. <i>Expert Review of Molecular Diagnostics</i> , 2016 , 16, 751-5	3.8	15
36	The liquid biopsy: towards standardisation in preparation for prime time. <i>Lancet Oncology</i> , 2019 , 20, 758-760	21.7	14
35	Opportunities and challenges of circulating biomarkers in neuroblastoma. <i>Open Biology</i> , 2019 , 9, 1900567		14
34	SRC3 Phosphorylation at Serine 543 Is a Positive Independent Prognostic Factor in ER-Positive Breast Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 479-91	12.9	13
33	Whole genome sequence analysis suggests intratumoral heterogeneity in dissemination of breast cancer to lymph nodes. <i>PLoS ONE</i> , 2014 , 9, e115346	3.7	13
32	Hide and seek: tell-tale signs of breast cancer lurking in the blood. <i>Cancer and Metastasis Reviews</i> , 2013 , 32, 289-302	9.6	13
31	The presence of disseminated tumour cells in the bone marrow is inversely related to circulating free DNA in plasma in breast cancer dormancy. <i>British Journal of Cancer</i> , 2012 , 106, 375-82	8.7	13
30	Expression of oestrogen receptor alpha variants in non-malignant breast and early invasive breast carcinomas. <i>Journal of Pathology</i> , 2000 , 192, 159-65	9.4	12
29	Longitudinal monitoring of circulating tumour DNA improves prognostication and relapse detection in gastroesophageal adenocarcinoma. <i>British Journal of Cancer</i> , 2020 , 123, 1271-1279	8.7	12
28	KSR1 regulates BRCA1 degradation and inhibits breast cancer growth. <i>Oncogene</i> , 2015 , 34, 2103-14	9.2	11
27	A novel hotspot specific isothermal amplification method for detection of the common PIK3CA p.H1047R breast cancer mutation. <i>Scientific Reports</i> , 2020 , 10, 4553	4.9	11
26	An open-label study of lapatinib in women with HER-2-negative early breast cancer: the lapatinib pre-surgical study (LPS study). <i>Annals of Oncology</i> , 2013 , 24, 924-30	10.3	11
25	Early detection of pre-malignant lesions in a KRAS-driven mouse lung cancer model by monitoring circulating free DNA. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	10

24	The genetics of gastroesophageal adenocarcinoma and the use of circulating cell free DNA for disease detection and monitoring. <i>Expert Review of Molecular Diagnostics</i> , 2017 , 17, 459-470	3.8	9
23	Phosphorylation of activating transcription factor-2 (ATF-2) within the activation domain is a key determinant of sensitivity to tamoxifen in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2014 , 147, 295-309	4.4	9
22	Cell-free DNA analysis in current cancer clinical trials: a review.. <i>British Journal of Cancer</i> , 2022 ,	8.7	9
21	Induction of APOBEC3B expression by chemotherapy drugs is mediated by DNA-PK-directed activation of NF-B. <i>Oncogene</i> , 2021 , 40, 1077-1090	9.2	9
20	Inactive matrix metalloproteinase 2 is a normal constituent of human glomerular basement membrane. An immuno-electron microscopic study. <i>Journal of Pathology</i> , 2000 , 191, 61-6	9.4	8
19	Diagnostic accuracy of circulating-free DNA for the determination of MYCN amplification status in advanced-stage neuroblastoma: a systematic review and meta-analysis. <i>British Journal of Cancer</i> , 2020 , 122, 1077-1084	8.7	7
18	Alpha-tocopherol supplementation does not affect monocyte endothelial adhesion or C-reactive protein levels but reduces soluble vascular adhesion molecule-1 in the plasma of healthy subjects. <i>Redox Report</i> , 2006 , 11, 214-22	5.9	6
17	Exclusion of the Friedreich ataxia gene from chromosome 19. <i>Human Genetics</i> , 1987 , 76, 186-90	6.3	6
16	Circulating cell-free DNA levels are associated with adverse outcomes in heart failure: testing liquid biopsy in heart failure. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, e28-e31	3.9	5
15	Numerical chromosomal aberrations in Hodgkin's disease detected by in situ hybridisation on routine paraffin sections. <i>Journal of Clinical Pathology</i> , 1997 , 50, 553-8	3.9	5
14	Using DNA sequencing data to quantify T cell fraction and therapy response. <i>Nature</i> , 2021 , 597, 555-560	50.4	5
13	The Circulating Nucleic Acid Characteristics of Non-Metastatic Soft Tissue Sarcoma Patients. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
12	Peptide nucleic acid clamping to improve the sensitivity of Ion Torrent-based detection of an oncogenic mutation in KRAS. <i>Matters</i> ,	0	3
11	Detection of Breast Cancer ESR1 p.E380Q Mutation on an ISFET Lab-on-Chip Platform 2020 ,		3
10	Longitudinal whole-exome sequencing of cell-free DNA for tracking the co-evolutionary tumor and immune evasion dynamics: longitudinal data from a single patient. <i>Annals of Oncology</i> , 2021 , 32, 681-684	10.3	3
9	The prognostic role of circulating tumor cells in heavily pretreated individuals with a low life expectancy. <i>Future Oncology</i> , 2014 , 10, 2555-60	3.6	2
8	Circulating Tumor DNA Profiling From Breast Cancer Screening Through to Metastatic Disease. <i>JCO Precision Oncology</i> , 2021 , 5,	3.6	2
7	AMPLIFICATION OF SPECIFIC mRNA FROM A SINGLE HUMAN RENAL GLOMERULUS, WITH AN APPROACH TO THE SEPARATION OF EPITHELIAL CELL mRNA 1996 , 180, 188		2

6	Telomere maintenance in soft tissue sarcomas. <i>Journal of Clinical Pathology</i> , 2017 , 70, 371-377	3.9	1
5	Comparison of two targeted ultra-deep sequencing technologies for analysis of plasma circulating tumour DNA in endocrine-therapy-resistant breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2021 , 188, 465-476	4.4	0
4	Prevalence of ctDNA in early screen-detected breast cancers using highly sensitive and specific dual molecular barcoded personalised mutation assays. <i>Annals of Oncology</i> , 2021 , 32, 1057-1060	10.3	0
3	Integrating next generation sequencing into the clinic. <i>Pathology</i> , 2018 , 50, S30-S31	1.6	
2	Genomic instability in pre-neoplastic colonic lesions. <i>Oncogene</i> , 2013 , 32, 5331-2	9.2	
1	Determination of Breast Cancer Dormancy: Analysis of Circulating Free DNA Using SNP 6.0 Arrays 2013 , 35-50		