

# James D Brenton

## List of Publications by Year in descending order

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180  
papers

26,735  
citations

17429

63  
h-index

6643

156  
g-index

200  
all docs

200  
docs citations

200  
times ranked

37638  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genomic and transcriptomic architecture of 2,000 breast tumours reveals novel subgroups. Nature, 2012, 486, 346-352.	13.7	4,708
2	Liquid biopsies come of age: towards implementation of circulating tumour DNA. Nature Reviews Cancer, 2017, 17, 223-238.	12.8	1,786
3	Non-invasive analysis of acquired resistance to cancer therapy by sequencing of plasma DNA. Nature, 2013, 497, 108-112.	13.7	1,443
4	Noninvasive Identification and Monitoring of Cancer Mutations by Targeted Deep Sequencing of Plasma DNA. Science Translational Medicine, 2012, 4, 136ra68.	5.8	1,086
5	Rethinking ovarian cancer: recommendations for improving outcomes. Nature Reviews Cancer, 2011, 11, 719-725.	12.8	1,084
6	Rucaparib in relapsed, platinum-sensitive high-grade ovarian carcinoma (ARIEL2 Part 1): an international, multicentre, open-label, phase 2 trial. Lancet Oncology, The, 2017, 18, 75-87.	5.1	975
7	Rethinking ovarian cancer II: reducing mortality from high-grade serous ovarian cancer. Nature Reviews Cancer, 2015, 15, 668-679.	12.8	839
8	Molecular Classification and Molecular Forecasting of Breast Cancer: Ready for Clinical Application?. Journal of Clinical Oncology, 2005, 23, 7350-7360.	0.8	798
9	Mutation of <i>FOXL2</i> in Granulosa-Cell Tumors of the Ovary. New England Journal of Medicine, 2009, 360, 2719-2729.	13.9	706
10	Enhanced detection of circulating tumor DNA by fragment size analysis. Science Translational Medicine, 2018, 10, .	5.8	670
11	Driver mutations in <i>TP53</i> are ubiquitous in high grade serous carcinoma of the ovary. Journal of Pathology, 2010, 221, 49-56.	2.1	617
12	CX-5461 is a DNA G-quadruplex stabilizer with selective lethality in BRCA1/2 deficient tumours. Nature Communications, 2017, 8, 14432.	5.8	379
13	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. Nature Genetics, 2017, 49, 680-691.	9.4	356
14	Regulators of Mitotic Arrest and Ceramide Metabolism Are Determinants of Sensitivity to Paclitaxel and Other Chemotherapeutic Drugs. Cancer Cell, 2007, 11, 498-512.	7.7	351
15	Hormone-receptor expression and ovarian cancer survival: an Ovarian Tumor Tissue Analysis consortium study. Lancet Oncology, The, 2013, 14, 853-862.	5.1	335
16	The External RNA Controls Consortium: a progress report. Nature Methods, 2005, 2, 731-734.	9.0	328
17	CWAS meta-analysis and replication identifies three new susceptibility loci for ovarian cancer. Nature Genetics, 2013, 45, 362-370.	9.4	326
18	Copy number signatures and mutational processes in ovarian carcinoma. Nature Genetics, 2018, 50, 1262-1270.	9.4	320

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19	Ovarian Cancer Cell Line Panel (OCCP): Clinical Importance of In Vitro Morphological Subtypes. PLoS ONE, 2014, 9, e103988.	1.1	319
20	Spatial and Temporal Heterogeneity in High-Grade Serous Ovarian Cancer: A Phylogenetic Analysis. PLoS Medicine, 2015, 12, e1001789.	3.9	314
21	Optimized p53 immunohistochemistry is an accurate predictor of TP53 mutation in ovarian carcinoma. Journal of Pathology: Clinical Research, 2016, 2, 247-258.	1.3	280
22	BRCA Reversion Mutations in Circulating Tumor DNA Predict Primary and Acquired Resistance to the PARP Inhibitor Rucaparib in High-Grade Ovarian Carcinoma. Cancer Discovery, 2019, 9, 210-219.	7.7	278
23	High-resolution aCGH and expression profiling identifies a novel genomic subtype of ER negative breast cancer. Genome Biology, 2007, 8, R215.	13.9	275
24	Dose-Response Association of CD8 <sup>+</sup> Tumor-Infiltrating Lymphocytes and Survival Time in High-Grade Serous Ovarian Cancer. JAMA Oncology, 2017, 3, e173290.	3.4	260
25	Deconstruction of a Metastatic Tumor Microenvironment Reveals a Common Matrix Response in Human Cancers. Cancer Discovery, 2018, 8, 304-319.	7.7	255
26	Chromosomal instability determines taxane response. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8671-8676.	3.3	244
27	A gene-expression signature to predict survival in breast cancer across independent data sets. Oncogene, 2007, 26, 1507-1516.	2.6	225
28	Antitumor activity and safety of the PARP inhibitor rucaparib in patients with high-grade ovarian carcinoma and a germline or somatic BRCA1 or BRCA2 mutation: Integrated analysis of data from Study 10 and ARIEL2. Gynecologic Oncology, 2017, 147, 267-275.	0.6	222
29	Exploratory Analysis of TP53 Mutations in Circulating Tumour DNA as Biomarkers of Treatment Response for Patients with Relapsed High-Grade Serous Ovarian Carcinoma: A Retrospective Study. PLoS Medicine, 2016, 13, e1002198.	3.9	219
30	Differential expression of selected histone modifier genes in human solid cancers. BMC Genomics, 2006, 7, 90.	1.2	209
31	The Extracellular Matrix Protein TGFBI Induces Microtubule Stabilization and Sensitizes Ovarian Cancers to Paclitaxel. Cancer Cell, 2007, 12, 514-527.	7.7	202
32	Sizing up miRNAs as cancer genes. Nature Medicine, 2005, 11, 712-714.	15.2	189
33	Evolution of platinum resistance in high-grade serous ovarian cancer. Lancet Oncology, The, 2011, 12, 1169-1174.	5.1	165
34	p53 immunohistochemistry is an accurate surrogate for TP53 mutational analysis in endometrial carcinoma biopsies. Journal of Pathology, 2020, 250, 336-345.	2.1	164
35	Genomic analysis of genetic heterogeneity and evolution in high-grade serous ovarian carcinoma. Oncogene, 2010, 29, 4905-4913.	2.6	153
36	A 1.6Mb minimal amplicon at 8p11.2 in breast cancer identifies new candidate oncogenes. Oncogene, 2005, 24, 5235-5245.	2.6	146

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37	Weekly dose-dense chemotherapy in first-line epithelial ovarian, fallopian tube, or primary peritoneal carcinoma treatment (ICON8): primary progression free survival analysis results from a GCG phase 3 randomised controlled trial. <i>Lancet</i> , The, 2019, 394, 2084-2095.	6.3	142
38	Semiquantitative and Quantitative Dynamic Contrast-Enhanced Magnetic Resonance Imaging Measurements Predict Radiation Response in Cervix Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 766-773.	0.4	140
39	Germline Mutation in <i>BRCA1</i> or <i>BRCA2</i> and Ten-Year Survival for Women Diagnosed with Epithelial Ovarian Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 652-657.	3.2	138
40	Unraveling tumor immune heterogeneity in advanced ovarian cancer uncovers immunogenic effect of chemotherapy. <i>Nature Genetics</i> , 2020, 52, 582-593.	9.4	136
41	Sequential DNA methylation changes are associated with DNMT3B overexpression in colorectal neoplastic progression. <i>Gut</i> , 2011, 60, 499-508.	6.1	131
42	Proposed methods for testing and selecting the ERCC external RNA controls. <i>BMC Genomics</i> , 2005, 6, 150.	1.2	130
43	Phylogenetic Quantification of Intra-tumour Heterogeneity. <i>PLoS Computational Biology</i> , 2014, 10, e1003535.	1.5	126
44	Somatically acquired hypomethylation of IGF2 in breast and colorectal cancer. <i>Human Molecular Genetics</i> , 2008, 17, 2633-2643.	1.4	124
45	High resolution melting for mutation scanning of TP53 exons 5-8. <i>BMC Cancer</i> , 2007, 7, 168.	1.1	119
46	Promises and challenges of adoptive T-cell therapies for solid tumours. <i>British Journal of Cancer</i> , 2021, 124, 1759-1776.	2.9	113
47	A pan-cancer compendium of chromosomal instability. <i>Nature</i> , 2022, 606, 976-983.	13.7	111
48	An imprinting element from the mouse H19 locus functions as a silencer in <i>Drosophila</i> . <i>Nature Genetics</i> , 1997, 16, 171-173.	9.4	105
49	Complex Stiffness Gradient Substrates for Studying Mechanotactic Cell Migration. <i>Advanced Materials</i> , 2012, 24, 6059-6064.	11.1	101
50	Using array-comparative genomic hybridization to define molecular portraits of primary breast cancers. <i>Oncogene</i> , 2007, 26, 1959-1970.	2.6	97
51	Parallel analysis of sporadic primary ovarian carcinomas by spectral karyotyping, comparative genomic hybridization, and expression microarrays. <i>Cancer Research</i> , 2002, 62, 3466-76.	0.4	96
52	Combined image and genomic analysis of high-grade serous ovarian cancer reveals PTEN loss as a common driver event and prognostic classifier. <i>Genome Biology</i> , 2014, 15, 526.	3.8	93
53	Advanced Ovarian Cancer: Multiparametric MR Imaging Demonstrates Response- and Metastasis-specific Effects. <i>Radiology</i> , 2012, 263, 149-159.	3.6	89
54	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019, 10, 431.	5.8	88

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55	Sequencing Structural Variants in Cancer for Precision Therapeutics. <i>Trends in Genetics</i> , 2016, 32, 530-542.	2.9	86
56	A consensus prognostic gene expression classifier for ER positive breast cancer. <i>Genome Biology</i> , 2006, 7, R101.	13.9	82
57	The Specificity of the FOXL2 c.402C>G Somatic Mutation: A Survey of Solid Tumors. <i>PLoS ONE</i> , 2009, 4, e7988.	1.1	82
58	<i>BEX2</i> Is Overexpressed in a Subset of Primary Breast Cancers and Mediates Nerve Growth Factor/Nuclear Factor- $\kappa$ B Inhibition of Apoptosis in Breast Cancer Cell Lines. <i>Cancer Research</i> , 2007, 67, 6725-6736.	0.4	81
59	Tandem duplication of chromosomal segments is common in ovarian and breast cancer genomes. <i>Journal of Pathology</i> , 2012, 227, 446-455.	2.1	81
60	Effects of Collection and Processing Procedures on Plasma Circulating Cell-Free DNA from Cancer Patients. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 883-892.	1.2	81
61	The pitfalls of platform comparison: DNA copy number array technologies assessed. <i>BMC Genomics</i> , 2009, 10, 588.	1.2	80
62	A variational Bayesian mixture modelling framework for cluster analysis of gene-expression data. <i>Bioinformatics</i> , 2005, 21, 3025-3033.	1.8	73
63	Association of p16 expression with prognosis varies across ovarian carcinoma histotypes: an Ovarian Tumor Tissue Analysis consortium study. <i>Journal of Pathology: Clinical Research</i> , 2018, 4, 250-261.	1.3	70
64	Intra-tumour genetic heterogeneity and poor chemoradiotherapy response in cervical cancer. <i>British Journal of Cancer</i> , 2011, 104, 361-368.	2.9	69
65	Computational pathology of pre-treatment biopsies identifies lymphocyte density as a predictor of response to neoadjuvant chemotherapy in breast cancer. <i>Breast Cancer Research</i> , 2016, 18, 21.	2.2	66
66	Boosting Wnt activity during colorectal cancer progression through selective hypermethylation of Wnt signaling antagonists. <i>BMC Cancer</i> , 2014, 14, 891.	1.1	64
67	TGFBI Production by Macrophages Contributes to an Immunosuppressive Microenvironment in Ovarian Cancer. <i>Cancer Research</i> , 2021, 81, 5706-5719.	0.4	64
68	Apparent diffusion coefficient and vascular signal fraction measurements with magnetic resonance imaging: feasibility in metastatic ovarian cancer at 3 Tesla. <i>European Radiology</i> , 2010, 20, 491-496.	2.3	59
69	Microarray segmentation methods significantly influence data precision. <i>Nucleic Acids Research</i> , 2004, 32, e50-e50.	6.5	57
70	New paradigms for <i>BRCA1</i> / <i>BRCA2</i> testing in women with ovarian cancer: results of the Genetic Testing in Epithelial Ovarian Cancer (GTEOC) study. <i>Journal of Medical Genetics</i> , 2016, 53, 655-661.	1.5	57
71	The role of tandem duplicator phenotype in tumour evolution in high-grade serous ovarian cancer. <i>Journal of Pathology</i> , 2012, 226, 703-712.	2.1	56
72	A combination of the immunohistochemical markers CK7 and SATB2 is highly sensitive and specific for distinguishing primary ovarian mucinous tumors from colorectal and appendiceal metastases. <i>Modern Pathology</i> , 2019, 32, 1834-1846.	2.9	54

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73	$\beta$ 3 integrin modulates transforming growth factor beta induced (TGFBI) function and paclitaxel response in ovarian cancer cells. <i>Molecular Cancer</i> , 2012, 11, 36.	7.9	51
74	Identification and Development of 2,3-Dihydropyrrolo[1,2- <i>a</i> ]quinazolin-5(1 <i>H</i> )-one Inhibitors Targeting Bromodomains within the Switch/Sucrose Nonfermenting Complex. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5095-5101.	2.9	49
75	Genetic Data from Nearly 63,000 Women of European Descent Predicts DNA Methylation Biomarkers and Epithelial Ovarian Cancer Risk. <i>Cancer Research</i> , 2019, 79, 505-517.	0.4	49
76	Image-guided biopsy in patients with suspected ovarian carcinoma: a safe and effective technique?. <i>European Radiology</i> , 2009, 19, 230-235.	2.3	48
77	Association between tumour infiltrating lymphocytes, histotype and clinical outcome in epithelial ovarian cancer. <i>BMC Cancer</i> , 2017, 17, 657.	1.1	48
78	Expression microarray reproducibility is improved by optimising purification steps in RNA amplification and labelling. <i>BMC Genomics</i> , 2004, 5, 9.	1.2	45
79	MMASS: an optimized array-based method for assessing CpG island methylation. <i>Nucleic Acids Research</i> , 2006, 34, e136-e136.	6.5	44
80	Dynamic contrast-enhanced MRI in ovarian cancer: Initial experience at 3 tesla in primary and metastatic disease. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1044-1049.	1.9	44
81	Genomic landscape of platinum resistant and sensitive testicular cancers. <i>Nature Communications</i> , 2020, 11, 2189.	5.8	43
82	Development and Validation of the Gene Expression Predictor of High-grade Serous Ovarian Carcinoma Molecular SubTYPE (ProTYPE). <i>Clinical Cancer Research</i> , 2020, 26, 5411-5423.	3.2	43
83	Germline whole exome sequencing and large-scale replication identifies FANCM as a likely high grade serous ovarian cancer susceptibility gene. <i>Oncotarget</i> , 2017, 8, 50930-50940.	0.8	43
84	A-Ring Dihalogenation Increases the Cellular Activity of Combretastatin-Templated Tetrazoles. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 177-181.	1.3	42
85	Absence of p300 induces cellular phenotypic changes characteristic of epithelial to mesenchyme transition. <i>British Journal of Cancer</i> , 2006, 94, 1326-1332.	2.9	41
86	Development of Cell-Permeable, Non-Helical Constrained Peptides to Target a Key Protein-Protein Interaction in Ovarian Cancer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 524-529.	7.2	41
87	Bcl-2 and $\beta$ 1-integrin predict survival in a tissue microarray of small cell lung cancer. <i>British Journal of Cancer</i> , 2010, 103, 1710-1715.	2.9	39
88	Critical questions in ovarian cancer research and treatment: Report of an American Association for Cancer Research Special Conference. <i>Cancer</i> , 2019, 125, 1963-1972.	2.0	39
89	Repeatability of Quantitative FDG-PET/CT and Contrast-Enhanced CT in Recurrent Ovarian Carcinoma: Test-Retest Measurements for Tumor FDG Uptake, Diameter, and Volume. <i>Clinical Cancer Research</i> , 2014, 20, 2751-2760.	3.2	38
90	A tumor DNA complex aberration index is an independent predictor of survival in breast and ovarian cancer. <i>Molecular Oncology</i> , 2015, 9, 115-127.	2.1	38

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91	Models of endometriosis and their utility in studying progression to ovarian clear cell carcinoma. <i>Journal of Pathology</i> , 2016, 238, 185-196.	2.1	38
92	Two Novel Determinants of Etoposide Resistance in Small Cell Lung Cancer. <i>Cancer Research</i> , 2011, 71, 4877-4887.	0.4	35
93	Clinical and pathological associations of PTEN expression in ovarian cancer: a multicentre study from the Ovarian Tumour Tissue Analysis Consortium. <i>British Journal of Cancer</i> , 2020, 123, 793-802.	2.9	35
94	Detection of ctDNA from Dried Blood Spots after DNA Size Selection. <i>Clinical Chemistry</i> , 2020, 66, 697-705.	1.5	34
95	One-stop diagnostic breast clinics: how often are breast cancers missed?. <i>British Journal of Cancer</i> , 2009, 100, 1873-1878.	2.9	33
96	Metabolic characterization of primary and metastatic ovarian cancer by <sup>1</sup> H-MRS in vivo at 3T. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 855-861.	1.9	33
97	Evaluation of Nonenhancing Tumor Fraction Assessed by Dynamic Contrast-Enhanced MRI Subtraction as a Predictor of Decrease in Tumor Volume in Response to Chemoradiotherapy in Advanced Cervical Cancer. <i>American Journal of Roentgenology</i> , 2010, 195, 524-527.	1.0	33
98	Molecular profiling of breast cancer: portraits but not physiognomy. <i>Breast Cancer Research</i> , 2001, 3, 77.	2.2	32
99	Total syntheses of subereamollines A and B. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 62-65.	1.5	32
100	Structural analysis of the genome of breast cancer cell line ZR-75-30 identifies twelve expressed fusion genes. <i>BMC Genomics</i> , 2012, 13, 719.	1.2	32
101	Genomic analysis of the 8p11-12 amplicon in familial breast cancer. <i>International Journal of Cancer</i> , 2007, 120, 714-717.	2.3	30
102	Ovarian clear cell carcinoma—bad endometriosis or bad endometrium?. <i>Journal of Pathology</i> , 2011, 225, 157-160.	2.1	30
103	Integrative radiogenomics for virtual biopsy and treatment monitoring in ovarian cancer. <i>Insights Into Imaging</i> , 2020, 11, 94.	1.6	30
104	Microarrays and breast cancer clinical studies: forgetting what we have not yet learnt. <i>Breast Cancer Research</i> , 2005, 7, 96-9.	2.2	28
105	Metabolic Consequences of p300 Gene Deletion in Human Colon Cancer Cells. <i>Cancer Research</i> , 2006, 66, 7606-7614.	0.4	27
106	Paclitaxel resistance increases oncolytic adenovirus efficacy via upregulated CAR expression and dysfunctional cell cycle control. <i>Molecular Oncology</i> , 2015, 9, 791-805.	2.1	27
107	Tissue-specific and interpretable sub-segmentation of whole tumour burden on CT images by unsupervised fuzzy clustering. <i>Computers in Biology and Medicine</i> , 2020, 120, 103751.	3.9	27
108	A metadata approach for clinical data management in translational genomics studies in breast cancer. <i>BMC Medical Genomics</i> , 2009, 2, 66.	0.7	26

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109	Tissue Banking of Diagnostic Lung Cancer Biopsies for Extraction of High Quality RNA. <i>Journal of Thoracic Oncology</i> , 2010, 5, 956-963.	0.5	26
110	Molecular pathogenesis of ovarian clear cell carcinoma. <i>Future Oncology</i> , 2015, 11, 1389-1405.	1.1	26
111	A Bayesian adaptive design for biomarker trials with linked treatments. <i>British Journal of Cancer</i> , 2015, 113, 699-705.	2.9	26
112	SPARC Regulates Transforming Growth Factor Beta Induced (TGFBI) Extracellular Matrix Deposition and Paclitaxel Response in Ovarian Cancer Cells. <i>PLoS ONE</i> , 2016, 11, e0162698.	1.1	25
113	Diffusion-weighted MRI in Advanced Epithelial Ovarian Cancer: Apparent Diffusion Coefficient as a Response Marker. <i>Radiology</i> , 2019, 293, 374-383.	3.6	25
114	Refinement of prespecified cutoff for genomic loss of heterozygosity (LOH) in ARIEL2 part 1: A phase II study of rucaparib in patients (pts) with high grade ovarian carcinoma (HGOC).. <i>Journal of Clinical Oncology</i> , 2016, 34, 5540-5540.	0.8	25
115	Integrated Multi-Tumor Radio-Genomic Marker of Outcomes in Patients with High Serous Ovarian Carcinoma. <i>Cancers</i> , 2020, 12, 3403.	1.7	24
116	Antivascular and anticancer activity of dihalogenated A-ring analogues of combretastatin A-4. <i>MedChemComm</i> , 2010, 1, 202.	3.5	23
117	Combining measures of immune infiltration shows additive effect on survival prediction in high-grade serous ovarian carcinoma. <i>British Journal of Cancer</i> , 2020, 122, 1803-1810.	2.9	23
118	Conditions Associated with Circulating Tumor-Associated Folate Receptor 1 Protein in Healthy Men and Women. <i>PLoS ONE</i> , 2014, 9, e96542.	1.1	23
119	Polygenic risk modeling for prediction of epithelial ovarian cancer risk. <i>European Journal of Human Genetics</i> , 2022, 30, 349-362.	1.4	23
120	MyD88 and TLR4 Expression in Epithelial Ovarian Cancer. <i>Mayo Clinic Proceedings</i> , 2018, 93, 307-320.	1.4	22
121	Molecular Subclasses of Clear Cell Ovarian Carcinoma and Their Impact on Disease Behavior and Outcomes. <i>Clinical Cancer Research</i> , 2022, 28, 4947-4956.	3.2	22
122	Refined cut-off for TP53 immunohistochemistry improves prediction of TP53 mutation status in ovarian mucinous tumors: implications for outcome analyses. <i>Modern Pathology</i> , 2021, 34, 194-206.	2.9	21
123	Functional genomic analysis of drug sensitivity pathways to guide adjuvant strategies in breast cancer. <i>Breast Cancer Research</i> , 2008, 10, 214.	2.2	20
124	Ultrasound-guided targeted biopsies of CT-based radiomic tumour habitats: technical development and initial experience in metastatic ovarian cancer. <i>European Radiology</i> , 2021, 31, 3765-3772.	2.3	20
125	The Genomic Landscape of Early-Stage Ovarian High-Grade Serous Carcinoma. <i>Clinical Cancer Research</i> , 2022, 28, 2911-2922.	3.2	19
126	Increased endothelial cell selectivity of triazole-bridged dihalogenated A-ring analogues of combretastatin A-4. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1749-1759.	1.4	18

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127	Refined characterization of circulating tumor DNA through biological feature integration. Scientific Reports, 2022, 12, 1928.	1.6	18
128	Predictive cancer genomics—what do we need?. Lancet, The, 2003, 362, 340-341.	6.3	17
129	Total syntheses of the bromotyrosine-derived natural products ianthelline, 5-bromoverongamine and JBIR-44. Tetrahedron Letters, 2010, 51, 4812-4814.	0.7	16
130	Personalising Treatment for High-Grade Serous Ovarian Carcinoma. Clinical Oncology, 2018, 30, 515-524.	0.6	16
131	A randomized double-blind placebo-controlled phase II trial comparing gemcitabine monotherapy to gemcitabine in combination with adavosertib in women with recurrent, platinum resistant epithelial ovarian cancer: A trial of the Princess Margaret, California, Chicago and Mayo Phase II Consortia.. Journal of Clinical Oncology, 2019, 37, 5518-5518.	0.8	15
132	Validated biomarker assays confirm that <i>ARID1A</i> loss is confounded with <i>MMR</i> deficiency, <i>CD8</i> <sup>+</sup> <i>TIL</i> infiltration, and provides no independent prognostic value in endometriosis-associated ovarian carcinomas. Journal of Pathology, 2022, 256, 388-401.	2.1	15
133	You won't believe this old test that does cheap single-cell mutation detection. Journal of Pathology: Clinical Research, 2018, 4, 149-153.	1.3	14
134	PISARRO: A EUTROC phase Ib study of APR-246 in combination with carboplatin (C) and pegylated liposomal doxorubicin (PLD) in platinum sensitive relapsed high grade serous ovarian cancer (HGSOC).. Journal of Clinical Oncology, 2016, 34, 5571-5571.	0.8	14
135	Sodium MRI with 3D-cones as a measure of tumour cellularity in high grade serous ovarian cancer. European Journal of Radiology Open, 2019, 6, 156-162.	0.7	12
136	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 217-228.	1.1	12
137	Can integrative biomarker approaches improve prediction of platinum and PARP inhibitor response in ovarian cancer?. Seminars in Cancer Biology, 2021, 77, 67-82.	4.3	12
138	DNA Methylation Profiles of Ovarian Clear Cell Carcinoma. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 132-141.	1.1	12
139	Clinically Interpretable Radiomics-Based Prediction of Histopathologic Response to Neoadjuvant Chemotherapy in High-Grade Serous Ovarian Carcinoma. Frontiers in Oncology, 0, 12, .	1.3	12
140	Metadata-driven software for clinical trials. , 2009, , .		11
141	Slingshot: a PiggyBac based transposon system for tamoxifen-inducible “self-inactivating” insertional mutagenesis. Nucleic Acids Research, 2010, 38, e173-e173.	6.5	11
142	Biomarkers for site-specific response to neoadjuvant chemotherapy in epithelial ovarian cancer: relating MRI changes to tumour cell load and necrosis. British Journal of Cancer, 2021, 124, 1130-1137.	2.9	11
143	Feasibility of monitoring response to the PARP inhibitor rucaparib with targeted deep sequencing of circulating tumor DNA (ctDNA) in women with high-grade serous carcinoma on the ARIEL2 trial.. Journal of Clinical Oncology, 2016, 34, 5549-5549.	0.8	11
144	Diffusion kurtosis MRI as a predictive biomarker of response to neoadjuvant chemotherapy in high grade serous ovarian cancer. Scientific Reports, 2019, 9, 10742.	1.6	10

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145	Immunohistochemistry and Next-generation Sequencing Are Complementary Tests in Identifying PTEN Abnormality in Endometrial Carcinoma Biopsies. <i>International Journal of Gynecological Pathology</i> , 2022, 41, 12-19.	0.9	10
146	Anatomy of an ovarian cancer. <i>Nature</i> , 2013, 495, 183-184.	13.7	8
147	Copy number alterations in stage I epithelial ovarian cancer highlight three genomic patterns associated with prognosis. <i>European Journal of Cancer</i> , 2022, 171, 85-95.	1.3	8
148	The <i>Xenopus Tgfb1</i> is required for embryogenesis through regulation of canonical Wnt signalling. <i>Developmental Biology</i> , 2013, 379, 16-27.	0.9	7
149	PIK3R1W624R Is an Actionable Mutation in High Grade Serous Ovarian Carcinoma. <i>Cells</i> , 2020, 9, 442.	1.8	7
150	Population exposure-efficacy and exposure-safety analyses for rucaparib in patients with recurrent ovarian carcinoma from Study 10 and ARIEL2. <i>Gynecologic Oncology</i> , 2021, 161, 668-675.	0.6	7
151	Development of Cell-Permeable, Non-Helical Constrained Peptides to Target a Key Protein-Protein Interaction in Ovarian Cancer. <i>Angewandte Chemie</i> , 2017, 129, 539-544.	1.6	6
152	Evaluation of vitamin D biosynthesis and pathway target genes reveals UGT2A1/2 and EGFR polymorphisms associated with epithelial ovarian cancer in African American Women. <i>Cancer Medicine</i> , 2019, 8, 2503-2513.	1.3	6
153	Longitudinal monitoring of disease burden and response using ctDNA from dried blood spots in xenograft models. <i>EMBO Molecular Medicine</i> , 2022, 14, .	3.3	6
154	PathGrid: a service-orientated architecture for microscopy image analysis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 3937-3952.	1.6	5
155	Optimal Amounts of Fluorescent Dye Improve Expression Microarray Results in Tumor Specimens. <i>Molecular Biotechnology</i> , 2005, 30, 151-154.	1.3	4
156	Structural and calorimetric studies demonstrate that the hepatocyte nuclear factor 1 $\beta$ (HNF1 $\beta$ ) transcription factor is imported into the nucleus via a monopartite NLS sequence. <i>Journal of Structural Biology</i> , 2016, 195, 273-281.	1.3	4
157	Somatic cancer genetics in the UK: real-world data from phase I of the Cancer Research UK Stratified Medicine Programme. <i>ESMO Open</i> , 2018, 3, e000408.	2.0	4
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