

David Bowtell

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182
papers

28,901
citations

76
h-index

169
g-index

194
ext. papers

33,884
ext. citations

12.1
avg, IF

7.97
L-index

#	Paper	IF	Citations
182	Integrated genomic analyses of ovarian carcinoma. <i>Nature</i> , 2011 , 474, 609-15	50.4	5210
181	ARID1A mutations in endometriosis-associated ovarian carcinomas. <i>New England Journal of Medicine</i> , 2010 , 363, 1532-43	59.2	1208
180	Novel molecular subtypes of serous and endometrioid ovarian cancer linked to clinical outcome. <i>Clinical Cancer Research</i> , 2008 , 14, 5198-208	12.9	1044
179	The SH2 and SH3 domains of mammalian Grb2 couple the EGF receptor to the Ras activator mSos1. <i>Nature</i> , 1993 , 363, 83-5	50.4	988
178	Rethinking ovarian cancer: recommendations for improving outcomes. <i>Nature Reviews Cancer</i> , 2011 , 11, 719-25	31.3	893
177	Whole-genome characterization of chemoresistant ovarian cancer. <i>Nature</i> , 2015 , 521, 489-94	50.4	890
176	Pan-cancer analysis of whole genomes. <i>Nature</i> , 2020 , 578, 82-93	50.4	840
175	BRCA mutation frequency and patterns of treatment response in BRCA mutation-positive women with ovarian cancer: a report from the Australian Ovarian Cancer Study Group. <i>Journal of Clinical Oncology</i> , 2012 , 30, 2654-63	2.2	810
174	Ras1 and a putative guanine nucleotide exchange factor perform crucial steps in signaling by the sevenless protein tyrosine kinase. <i>Cell</i> , 1991 , 67, 701-16	56.2	780
173	Rethinking ovarian cancer II: reducing mortality from high-grade serous ovarian cancer. <i>Nature Reviews Cancer</i> , 2015 , 15, 668-79	31.3	581
172	Mutation of FOXL2 in granulosa-cell tumors of the ovary. <i>New England Journal of Medicine</i> , 2009 , 360, 2719-29	59.2	551
171	Driver mutations in TP53 are ubiquitous in high grade serous carcinoma of the ovary. <i>Journal of Pathology</i> , 2010 , 221, 49-56	9.4	485
170	Isolation of a candidate human telomerase catalytic subunit gene, which reveals complex splicing patterns in different cell types. <i>Human Molecular Genetics</i> , 1997 , 6, 2011-9	5.6	480
169	Identification and functional significance of genes regulated by structurally different histone deacetylase inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 3697-702	11.5	451
168	Options available--from start to finish--for obtaining expression data by microarray. <i>Nature Genetics</i> , 1999 , 21, 25-32	36.3	383
167	Evidence that inositol polyphosphate 4-phosphatase type II is a tumor suppressor that inhibits PI3K signaling. <i>Cancer Cell</i> , 2009 , 16, 115-25	24.3	366
166	Cbl associates with Pyk2 and Src to regulate Src kinase activity, alpha(v)beta(3) integrin-mediated signaling, cell adhesion, and osteoclast motility. <i>Journal of Cell Biology</i> , 2001 , 152, 181-95	7.3	342

165	Tissue hyperplasia and enhanced T-cell signalling via ZAP-70 in c-Cbl-deficient mice. <i>Molecular and Cellular Biology</i> , 1998 , 18, 4872-82	4.8	339
164	Siah2 regulates stability of prolyl-hydroxylases, controls HIF1alpha abundance, and modulates physiological responses to hypoxia. <i>Cell</i> , 2004 , 117, 941-52	56.2	333
163	The evolutionary history of 2,658 cancers. <i>Nature</i> , 2020 , 578, 122-128	50.4	307
162	The genesis and evolution of high-grade serous ovarian cancer. <i>Nature Reviews Cancer</i> , 2010 , 10, 803-8	31.3	297
161	Oncogenic pathway combinations predict clinical prognosis in gastric cancer. <i>PLoS Genetics</i> , 2009 , 5, e1060676	279	
160	Identification of murine homologues of the Drosophila son of sevenless gene: potential activators of ras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 6511-5	11.5	267
159	Primary tumor hypoxia recruits CD11b+/Ly6Cmed/Ly6G+ immune suppressor cells and compromises NK cell cytotoxicity in the premetastatic niche. <i>Cancer Research</i> , 2012 , 72, 3906-11	10.1	264
158	Epigenetic profiling to classify cancer of unknown primary: a multicentre, retrospective analysis. <i>Lancet Oncology</i> , 2016 , 17, 1386-1395	21.7	251
157	Hormone-receptor expression and ovarian cancer survival: an Ovarian Tumor Tissue Analysis consortium study. <i>Lancet Oncology</i> , 2013 , 14, 853-62	21.7	248
156	Localization of the sevenless protein, a putative receptor for positional information, in the eye imaginal disc of Drosophila. <i>Cell</i> , 1987 , 51, 143-50	56.2	247
155	The Cbl protooncoprotein stimulates CSF-1 receptor multiubiquitination and endocytosis, and attenuates macrophage proliferation. <i>EMBO Journal</i> , 1999 , 18, 3616-28	13	238
154	Integrated genome-wide DNA copy number and expression analysis identifies distinct mechanisms of primary chemoresistance in ovarian carcinomas. <i>Clinical Cancer Research</i> , 2009 , 15, 1417-27	12.9	217
153	The Hippo pathway transcriptional co-activator, YAP, is an ovarian cancer oncogene. <i>Oncogene</i> , 2011 , 30, 2810-22	9.2	212
152	Contribution of Germline Mutations in the RAD51B, RAD51C, and RAD51D Genes to Ovarian Cancer in the Population. <i>Journal of Clinical Oncology</i> , 2015 , 33, 2901-7	2.2	200
151	UV-Associated Mutations Underlie the Etiology of MCV-Negative Merkel Cell Carcinomas. <i>Cancer Research</i> , 2015 , 75, 5228-34	10.1	196
150	Secondary Somatic Mutations Restoring and Associated with Acquired Resistance to the PARP Inhibitor Rucaparib in High-Grade Ovarian Carcinoma. <i>Cancer Discovery</i> , 2017 , 7, 984-998	24.4	193
149	Mesothelial cells promote early ovarian cancer metastasis through fibronectin secretion. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4614-28	15.9	189
148	Differential expression of selected histone modifier genes in human solid cancers. <i>BMC Genomics</i> , 2006 , 7, 90	4.5	186

147	IL6-STAT3-HIF signaling and therapeutic response to the angiogenesis inhibitor sunitinib in ovarian clear cell cancer. <i>Clinical Cancer Research</i> , 2011 , 17, 2538-48	12.9	182
146	Terminal osteoblast differentiation, mediated by runx2 and p27KIP1, is disrupted in osteosarcoma. <i>Journal of Cell Biology</i> , 2004 , 167, 925-34	7.3	180
145	An expression-based site of origin diagnostic method designed for clinical application to cancer of unknown origin. <i>Cancer Research</i> , 2005 , 65, 4031-40	10.1	178
144	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. <i>Nature Genetics</i> , 2015 , 47, 164-71	36.3	177
143	Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing. <i>Nature Genetics</i> , 2020 , 52, 331-341	36.3	168
142	Rapid isolation of eukaryotic DNA. <i>Analytical Biochemistry</i> , 1987 , 162, 463-5	3.1	167
141	Fine-tuning of Drp1/Fis1 availability by AKAP121/Siah2 regulates mitochondrial adaptation to hypoxia. <i>Molecular Cell</i> , 2011 , 44, 532-44	17.6	165
140	Cbl-mediated ubiquitinylation is required for lysosomal sorting of epidermal growth factor receptor but is dispensable for endocytosis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28950-60	5.4	164
139	Siah2-dependent concerted activity of HIF and FoxA2 regulates formation of neuroendocrine phenotype and neuroendocrine prostate tumors. <i>Cancer Cell</i> , 2010 , 18, 23-38	24.3	161
138	A dynamic inflammatory cytokine network in the human ovarian cancer microenvironment. <i>Cancer Research</i> , 2012 , 72, 66-75	10.1	158
137	Dose-Response Association of CD8+ Tumor-Infiltrating Lymphocytes and Survival Time in High-Grade Serous Ovarian Cancer. <i>JAMA Oncology</i> , 2017 , 3, e173290	13.4	152
136	Deregulation of MYCN, LIN28B and LET7 in a molecular subtype of aggressive high-grade serous ovarian cancers. <i>PLoS ONE</i> , 2011 , 6, e18064	3.7	143
135	Synthetic lethality between CCNE1 amplification and loss of BRCA1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19489-94	11.5	142
134	Pw1/Peg3 is a potential cell death mediator and cooperates with Siah1a in p53-mediated apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 2105-10	11.5	134
133	Reversion of BRCA1/2 Germline Mutations Detected in Circulating Tumor DNA From Patients With High-Grade Serous Ovarian Cancer. <i>Journal of Clinical Oncology</i> , 2017 , 35, 1274-1280	2.2	122
132	The changing view of high-grade serous ovarian cancer. <i>Cancer Research</i> , 2012 , 72, 2701-4	10.1	122
131	Profiles of genomic instability in high-grade serous ovarian cancer predict treatment outcome. <i>Clinical Cancer Research</i> , 2012 , 18, 5806-15	12.9	118
130	An inducible autoregulatory loop between HIPK2 and Siah2 at the apex of the hypoxic response. <i>Nature Cell Biology</i> , 2009 , 11, 85-91	23.4	113

129	Siah ubiquitin ligase is structurally related to TRAF and modulates TNF-alpha signaling. <i>Nature Structural Biology</i> , 2002 , 9, 68-75		113
128	A binding motif for Siah ubiquitin ligase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 3101-6	11.5	111
127	The E3 ubiquitin ligase Siah2 contributes to castration-resistant prostate cancer by regulation of androgen receptor transcriptional activity. <i>Cancer Cell</i> , 2013 , 23, 332-46	24.3	107
126	Germline mutation in BRCA1 or BRCA2 and ten-year survival for women diagnosed with epithelial ovarian cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 652-7	12.9	107
125	Cyclin E1 deregulation occurs early in secretory cell transformation to promote formation of fallopian tube-derived high-grade serous ovarian cancers. <i>Cancer Research</i> , 2014 , 74, 1141-52	10.1	102
124	SIK2 is a centrosome kinase required for bipolar mitotic spindle formation that provides a potential target for therapy in ovarian cancer. <i>Cancer Cell</i> , 2010 , 18, 109-21	24.3	101
123	The Cbl proto-oncogene product negatively regulates the Src-family tyrosine kinase Fyn by enhancing its degradation. <i>Molecular and Cellular Biology</i> , 2000 , 20, 851-67	4.8	100
122	Molecular profiling of low grade serous ovarian tumours identifies novel candidate driver genes. <i>Oncotarget</i> , 2015 , 6, 37663-77	3.3	98
121	Molecular correlates of platinum response in human high-grade serous ovarian cancer patient-derived xenografts. <i>Molecular Oncology</i> , 2014 , 8, 656-68	7.9	97
120	Mutation of ERBB2 provides a novel alternative mechanism for the ubiquitous activation of RAS-MAPK in ovarian serous low malignant potential tumors. <i>Molecular Cancer Research</i> , 2008 , 6, 1678-90	6.6	93
119	Stress-induced decrease in TRAF2 stability is mediated by Siah2. <i>EMBO Journal</i> , 2002 , 21, 5756-65	13	92
118	Comparison of expression in hemopoietic cells by retroviral vectors carrying two genes. <i>Journal of Virology</i> , 1988 , 62, 2464-73	6.6	92
117	Novel regions of chromosomal amplification at 6p21, 5p13, and 12q14 in gastric cancer identified by array comparative genomic hybridization. <i>Genes Chromosomes and Cancer</i> , 2005 , 42, 247-59	5	85
116	Long-Term Responders on Olaparib Maintenance in High-Grade Serous Ovarian Cancer: Clinical and Molecular Characterization. <i>Clinical Cancer Research</i> , 2017 , 23, 4086-4094	12.9	83
115	Nucleotide sequence and structure of the sevenless gene of <i>Drosophila melanogaster</i> . <i>Genes and Development</i> , 1988 , 2, 620-34	12.6	82
114	The ubiquitin ligase Siah2 regulates tumorigenesis and metastasis by HIF-dependent and -independent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16713-8	11.5	81
113	The Subclonal Architecture of Metastatic Breast Cancer: Results from a Prospective Community-Based Rapid Autopsy Program "CASCADE". <i>PLoS Medicine</i> , 2016 , 13, e1002204	11.6	81
112	The challenges of gene expression microarrays for the study of human cancer. <i>Cancer Cell</i> , 2006 , 9, 333-24.3	24.3	80

111	The ubiquitin ligase component Siah1a is required for completion of meiosis I in male mice. <i>Molecular and Cellular Biology</i> , 2002 , 22, 2294-303	4.8	80
110	Resistance to CDK2 inhibitors is associated with selection of polyploid cells in CCNE1-amplified ovarian cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 5960-71	12.9	79
109	Selective Targeting of Cyclin E1-Amplified High-Grade Serous Ovarian Cancer by Cyclin-Dependent Kinase 2 and AKT Inhibition. <i>Clinical Cancer Research</i> , 2017 , 23, 1862-1874	12.9	78
108	Acquired chemotherapy resistance in ovarian cancer. <i>Annals of Oncology</i> , 2017 , 28, viii13-viii15	10.3	77
107	Amplicon-dependent CCNE1 expression is critical for clonogenic survival after cisplatin treatment and is correlated with 20q11 gain in ovarian cancer. <i>PLoS ONE</i> , 2010 , 5, e15498	3.7	76
106	Copy number analysis identifies novel interactions between genomic loci in ovarian cancer. <i>PLoS ONE</i> , 2010 , 5, e11408	3.7	73
105	LRP1B deletion in high-grade serous ovarian cancers is associated with acquired chemotherapy resistance to liposomal doxorubicin. <i>Cancer Research</i> , 2012 , 72, 4060-73	10.1	73
104	Processed pseudogenes acquired somatically during cancer development. <i>Nature Communications</i> , 2014 , 5, 3644	17.4	68
103	Topological and functional discovery in a gene coexpression meta-network of gastric cancer. <i>Cancer Research</i> , 2006 , 66, 232-41	10.1	68
102	Nonequivalent gene expression and copy number alterations in high-grade serous ovarian cancers with BRCA1 and BRCA2 mutations. <i>Clinical Cancer Research</i> , 2013 , 19, 3474-84	12.9	67
101	Genomic classification of serous ovarian cancer with adjacent borderline differentiates RAS pathway and TP53-mutant tumors and identifies NRAS as an oncogenic driver. <i>Clinical Cancer Research</i> , 2014 , 20, 6618-30	12.9	66
100	Siah proteins: novel drug targets in the Ras and hypoxia pathways. <i>Cancer Research</i> , 2009 , 69, 8835-8	10.1	65
99	Inhibition of Siah ubiquitin ligase function. <i>Oncogene</i> , 2009 , 28, 289-96	9.2	65
98	A Myc Activity Signature Predicts Poor Clinical Outcomes in Myc-Associated Cancers. <i>Cancer Research</i> , 2017 , 77, 971-981	10.1	64
97	Ommatidia in the developing Drosophila eye require and can respond to sevenless for only a restricted period. <i>Cell</i> , 1989 , 56, 931-6	56.2	64
96	Efficient molecular subtype classification of high-grade serous ovarian cancer. <i>Journal of Pathology</i> , 2015 , 236, 272-7	9.4	63
95	Identification of novel therapeutic targets in microdissected clear cell ovarian cancers. <i>PLoS ONE</i> , 2011 , 6, e21121	3.7	63
94	A role for common genomic variants in the assessment of familial breast cancer. <i>Journal of Clinical Oncology</i> , 2012 , 30, 4330-6	2.2	60

93	Elucidation of the substrate binding site of Siah ubiquitin ligase. <i>Structure</i> , 2006 , 14, 695-701	5.2	59
92	Mutation in Sos1 dominantly enhances a weak allele of the EGFR, demonstrating a requirement for Sos1 in EGFR signaling and development. <i>Genes and Development</i> , 1997 , 11, 309-20	12.6	58
91	D-Cbl, the Drosophila homologue of the c-Cbl proto-oncogene, interacts with the Drosophila EGF receptor in vivo, despite lacking C-terminal adaptor binding sites. <i>Oncogene</i> , 1997 , 14, 2709-19	9.2	58
90	Generation and analysis of Siah2 mutant mice. <i>Molecular and Cellular Biology</i> , 2003 , 23, 9150-61	4.8	58
89	A dominant-negative mutant of mSOS1 inhibits insulin-induced Ras activation and reveals Ras-dependent and -independent insulin signaling pathways. <i>Molecular and Cellular Biology</i> , 1995 , 15, 379-88	4.8	58
88	Immunization against <i>Taenia taeniaeformis</i> in mice: studies on the characterization of antigens from oncospheres. <i>International Journal for Parasitology</i> , 1984 , 14, 321-33	4.3	58
87	Structure and activity of the sevenless protein: a protein tyrosine kinase receptor required for photoreceptor development in Drosophila. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 8333-7	11.5	57
86	Evidence for a time-dependent association between FOLR1 expression and survival from ovarian carcinoma: implications for clinical testing. An Ovarian Tumour Tissue Analysis consortium study. <i>British Journal of Cancer</i> , 2014 , 111, 2297-307	8.7	49
85	The solution structure of the pleckstrin homology domain of mouse Son-of-sevenless 1 (mSos1). <i>Journal of Molecular Biology</i> , 1997 , 269, 579-91	6.5	48
84	Homologous Recombination DNA Repair Pathway Disruption and Retinoblastoma Protein Loss Are Associated with Exceptional Survival in High-Grade Serous Ovarian Cancer. <i>Clinical Cancer Research</i> , 2018 , 24, 569-580	12.9	46
83	Pre-invasive ovarian mucinous tumors are characterized by CDKN2A and RAS pathway aberrations. <i>Clinical Cancer Research</i> , 2012 , 18, 5267-77	12.9	46
82	Vascular normalization by loss of Siah2 results in increased chemotherapeutic efficacy. <i>Cancer Research</i> , 2012 , 72, 1694-704	10.1	46
81	Regulation of 2-oxoglutarate (alpha-ketoglutarate) dehydrogenase stability by the RING finger ubiquitin ligase Siah. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53782-8	5.4	46
80	Regulation of the complex pattern of sevenless expression in the developing Drosophila eye. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 6245-9	11.5	46
79	A community-based model of rapid autopsy in end-stage cancer patients. <i>Nature Biotechnology</i> , 2016 , 34, 1010-1014	44.5	46
78	Interaction domains of Sos1/Grb2 are finely tuned for cooperative control of embryonic stem cell fate. <i>Cell</i> , 2013 , 152, 1008-20	56.2	45
77	A mouse with a loss-of-function mutation in the c-Cbl TKB domain shows perturbed thymocyte signaling without enhancing the activity of the ZAP-70 tyrosine kinase. <i>Journal of Experimental Medicine</i> , 2003 , 197, 503-13	16.6	45
76	The multikinase inhibitor midostaurin (PKC412A) lacks activity in metastatic melanoma: a phase IIA clinical and biologic study. <i>British Journal of Cancer</i> , 2006 , 95, 829-34	8.7	43

75	A molecular diagnostic test for distinguishing lung adenocarcinoma from malignant mesothelioma using cells collected from pleural effusions. <i>Clinical Cancer Research</i> , 2006 , 12, 5129-35	12.9	39
74	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	5.3	38
73	The retinoid anticancer signal: mechanisms of target gene regulation. <i>British Journal of Cancer</i> , 2005 , 93, 310-8	8.7	38
72	Comparison of the sevenless genes of <i>Drosophila virilis</i> and <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 5351-3	11.5	38
71	Prognostic gene expression signature for high-grade serous ovarian cancer. <i>Annals of Oncology</i> , 2020 , 31, 1240-1250	10.3	37
70	Reducing time to diagnosis does not improve outcomes for women with symptomatic ovarian cancer: a report from the Australian Ovarian Cancer Study Group. <i>Journal of Clinical Oncology</i> , 2011 , 29, 2253-8	2.2	37
69	Expression and tyrosine phosphorylation of Cbl regulates macrophage chemokinetic and chemotactic movement. <i>Journal of Cellular Physiology</i> , 2003 , 195, 276-89	7	37
68	The ubiquitin ligase Siah is a novel regulator of Zeb1 in breast cancer. <i>Oncotarget</i> , 2015 , 6, 862-73	3.3	37
67	Profiling the cancer genome. <i>Annual Review of Genomics and Human Genetics</i> , 2010 , 11, 133-59	9.7	36
66	Adaptive Upregulation of EGFR Limits Attenuation of Tumor Growth by Neutralizing IL6 Antibodies, with Implications for Combined Therapy in Ovarian Cancer. <i>Cancer Research</i> , 2015 , 75, 1255-64	10.1	35
65	Differentiating stage 1 epithelial ovarian cancer from benign ovarian tumours using a combination of tumour markers HE4, CA125, and CEA and patient's age. <i>Gynecologic Oncology</i> , 2013 , 129, 467-71	4.9	35
64	and Mutations Co-occur and Cooperate in Low-Grade Serous Ovarian Carcinomas. <i>Cancer Research</i> , 2017 , 77, 4268-4278	10.1	32
63	Elevation of TP53 Autoantibody Before CA125 in Preclinical Invasive Epithelial Ovarian Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 5912-5922	12.9	31
62	Chromosomal mapping of five highly conserved murine homologues of the <i>Drosophila</i> RING finger gene seven-in-absentia. <i>Genomics</i> , 1997 , 41, 160-8	4.3	30
61	Normal p53 function in primary cells deficient for Siah genes. <i>Molecular and Cellular Biology</i> , 2002 , 22, 8155-64	4.8	30
60	Analysis of the enhancer element that controls expression of sevenless in the developing <i>Drosophila</i> eye. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 6853-7	11.5	30
59	Germline whole exome sequencing and large-scale replication identifies as a likely high grade serous ovarian cancer susceptibility gene. <i>Oncotarget</i> , 2017 , 8, 50930-50940	3.3	30
58	Siah1/SIP regulates p27(kip1) stability and cell migration under metabolic stress. <i>Cell Cycle</i> , 2011 , 10, 2592-602	4.7	29

57	Comparison of expression profiles in ovarian epithelium in vivo and ovarian cancer identifies novel candidate genes involved in disease pathogenesis. <i>PLoS ONE</i> , 2011 , 6, e17617	3.7	28
56	Fine tuning of the UPR by the ubiquitin ligases Siah1/2. <i>PLoS Genetics</i> , 2014 , 10, e1004348	6	27
55	A Drosophila analogue of v-Cbl is a dominant-negative oncoprotein in vivo. <i>Oncogene</i> , 2000 , 19, 3299-308.2	3.2	27
54	Development and validation of a gene expression tumour classifier for cancer of unknown primary. <i>Pathology</i> , 2015 , 47, 7-12	1.6	26
53	TGF-beta, c-Cbl, and PDGFR-alpha the in mammary stroma. <i>Developmental Biology</i> , 2005 , 279, 58-72	3.1	26
52	A c-Cbl yeast two hybrid screen reveals interactions with 14-3-3 isoforms and cytoskeletal components. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 240, 46-50	3.4	24
51	The antioxidant N-acetylcysteine prevents HIF-1 stabilization under hypoxia in vitro but does not affect tumorigenesis in multiple breast cancer models in vivo. <i>PLoS ONE</i> , 2013 , 8, e66388	3.7	24
50	Chemotherapy weakly contributes to predicted neoantigen expression in ovarian cancer. <i>BMC Cancer</i> , 2018 , 18, 87	4.8	23
49	Mechanisms and clinical implications of tumor heterogeneity and convergence on recurrent phenotypes. <i>Journal of Molecular Medicine</i> , 2017 , 95, 1167-1178	5.5	23
48	Taenia taeniaeformis: immunoprecipitation analysis of the protein antigens of oncospheres and larvae. <i>Experimental Parasitology</i> , 1983 , 56, 416-27	2.1	23
47	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	6.4	22
46	Long-term survival of patients with mismatch repair protein-deficient, high-stage ovarian clear cell carcinoma. <i>Histopathology</i> , 2017 , 70, 309-313	7.3	22
45	Molecular Classification of Epithelial Ovarian Cancer Based on Methylation Profiling: Evidence for Survival Heterogeneity. <i>Clinical Cancer Research</i> , 2019 , 25, 5937-5946	12.9	21
44	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	12.9	21
43	Pericytes Promote Malignant Ovarian Cancer Progression in Mice and Predict Poor Prognosis in Serous Ovarian Cancer Patients. <i>Clinical Cancer Research</i> , 2016 , 22, 1813-24	12.9	21
42	The responses of research participants and their next of kin to receiving feedback of genetic test results following participation in the Australian Ovarian Cancer Study. <i>Genetics in Medicine</i> , 2013 , 15, 458-65	8.1	21
41	Mammalian homologues of the Drosophila Son of sevenless gene map to murine chromosomes 17 and 12 and to human chromosomes 2 and 14, respectively. <i>Genomics</i> , 1993 , 18, 14-9	4.3	21
40	Therapeutic options for mucinous ovarian carcinoma. <i>Gynecologic Oncology</i> , 2020 , 156, 552-560	4.9	21

39	The RING finger domain E3 ubiquitin ligases BRCA1 and the RNF20/RNF40 complex in global loss of the chromatin mark histone H2B monoubiquitination (H2Bub1) in cell line models and primary high-grade serous ovarian cancer. <i>Human Molecular Genetics</i> , 2016 , 25, 5460-5471	5.6	20
38	Paclitaxel sensitivity in relation to ABCB1 expression, efflux and single nucleotide polymorphisms in ovarian cancer. <i>Scientific Reports</i> , 2014 , 4, 4669	4.9	20
37	19q12 amplified and non-amplified subsets of high grade serous ovarian cancer with overexpression of cyclin E1 differ in their molecular drivers and clinical outcomes. <i>Gynecologic Oncology</i> , 2018 , 151, 327-336	4.9	20
36	Genes Predisposed to DNA Hypermethylation during Acquired Resistance to Chemotherapy Are Identified in Ovarian Tumors by Bivalent Chromatin Domains at Initial Diagnosis. <i>Cancer Research</i> , 2018 , 78, 1383-1391	10.1	19
35	Profound MEK inhibitor response in a cutaneous melanoma harboring a GOLGA4-RAF1 fusion. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1940-1945	15.9	19
34	Regulation of STAT protein synthesis by c-Cbl. <i>Oncogene</i> , 2001 , 20, 7326-33	9.2	18
33	Going to extremes: determinants of extraordinary response and survival in patients with cancer. <i>Nature Reviews Cancer</i> , 2019 , 19, 339-348	31.3	17
32	Siah2 regulates tight junction integrity and cell polarity through control of ASPP2 stability. <i>Oncogene</i> , 2014 , 33, 2004-10	9.2	17
31	Response rates to second-line platinum-based therapy in ovarian cancer patients challenge the clinical definition of platinum resistance. <i>Gynecologic Oncology</i> , 2018 , 150, 239-246	4.9	17
30	Survival Following Chemotherapy in Ovarian Clear Cell Carcinoma Is Not Associated with Pathological Misclassification of Tumor Histotype. <i>Clinical Cancer Research</i> , 2019 , 25, 3962-3973	12.9	16
29	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	8.7	16
28	Pooled Genomic Screens Identify Anti-apoptotic Genes as Targetable Mediators of Chemotherapy Resistance in Ovarian Cancer. <i>Molecular Cancer Research</i> , 2019 , 17, 2281-2293	6.6	15
27	Genomic analysis of low-grade serous ovarian carcinoma to identify key drivers and therapeutic vulnerabilities. <i>Journal of Pathology</i> , 2021 , 253, 41-54	9.4	15
26	MyD88 and TLR4 Expression in Epithelial Ovarian Cancer. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 307-320	6.4	14
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