Jos Jonkers

List of Publications by Year in descending order

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268 papers	30,020 citations	5248 83 h-index	5364 164 g-index
284 all docs	284 docs citations	284 times ranked	41345 citing authors

#	Article	IF	Citations
1	Functional genetic dropout screens and in vivo validation of candidate therapeutic targets using mouse mammary tumoroids. STAR Protocols, 2022, 3, 101132.	0.5	1
2	A Microfluidic Cancer-on-Chip Platform Predicts Drug Response Using Organotypic Tumor Slice Culture. Cancer Research, 2022, 82, 510-520.	0.4	18
3	Combined inhibition of EZH2 and ATM is synthetic lethal in BRCA1-deficient breast cancer. Breast Cancer Research, 2022, 24, .	2.2	5
4	Epithelial-to-Mesenchymal Transition Drives Invasiveness of Breast Cancer Brain Metastases. Cancers, 2022, 14, 3115.	1.7	6
5	Conservation of copy number profiles during engraftment and passaging of patient-derived cancer xenografts. Nature Genetics, 2021, 53, 86-99.	9.4	118
6	The use of CRISPR/Cas9-based gene editing strategies to explore cancer gene function in mice. Current Opinion in Genetics and Development, 2021, 66, 57-62.	1.5	16
7	Targeting CX3CR1 Suppresses the Fanconi Anemia DNA Repair Pathway and Synergizes with Platinum. Cancers, 2021, 13, 1442.	1.7	5
8	SMARCAD1-mediated active replication fork stability maintains genome integrity. Science Advances, 2021, 7, .	4.7	15
9	PFKFB3 Inhibition Sensitizes DNA Crosslinking Chemotherapies by Suppressing Fanconi Anemia Repair. Cancers, 2021, 13, 3604.	1.7	6
10	Understanding and overcoming resistance to PARP inhibitors in cancer therapy. Nature Reviews Clinical Oncology, 2021, 18, 773-791.	12.5	198
11	Glucocorticoid receptor triggers a reversible drug-tolerant dormancy state with acquired therapeutic vulnerabilities in lung cancer. Nature Communications, 2021, 12, 4360.	5.8	35
12	Replication gaps are a key determinant of PARP inhibitor synthetic lethality with BRCA deficiency. Molecular Cell, 2021, 81, 3128-3144.e7.	4.5	142
13	A BRCA1 Coiled-Coil Domain Variant Disrupting PALB2 Interaction Promotes the Development of Mammary Tumors and Confers a Targetable Defect in Homologous Recombination Repair. Cancer Research, 2021, 81, 6171-6182.	0.4	7
14	Feasibility of Phosphoproteomics on Leftover Samples After RNA Extraction With Guanidinium Thiocyanate. Molecular and Cellular Proteomics, 2021, 20, 100078.	2.5	9
15	Atlas of Lobular Breast Cancer Models: Challenges and Strategic Directions. Cancers, 2021, 13, 5396.	1.7	17
16	Loss of nuclear DNA ligase III reverts PARP inhibitor resistance in BRCA1/53BP1 double-deficient cells by exposing ssDNA gaps. Molecular Cell, 2021, 81, 4692-4708.e9.	4.5	40
17	Filling in the gaps in PARP inhibitor-induced synthetic lethality. Molecular and Cellular Oncology, 2021, 8, 2010512.	0.3	4
18	TRPS1 acts as a context-dependent regulator of mammary epithelial cell growth/differentiation and breast cancer development. Genes and Development, 2020, 34, 179-193.	2.7	35

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19	Functional Radiogenetic Profiling Implicates ERCC6L2 in Non-homologous End Joining. Cell Reports, 2020, 32, 108068.	2.9	29
20	Functional Categorization of BRCA1 Variants of Uncertain Clinical Significance in Homologous Recombination Repair Complementation Assays. Clinical Cancer Research, 2020, 26, 4559-4568.	3.2	19
21	Truncated ASPP2 Drives Initiation and Progression of Invasive Lobular Carcinoma via Distinct Mechanisms. Cancer Research, 2020, 80, 1486-1497.	0.4	6
22	Response of metastatic mouse invasive lobular carcinoma to mTOR inhibition is partly mediated by the adaptive immune system. OncoImmunology, 2020, 9, 1724049.	2.1	12
23	BRCAness, SLFN11, and RB1 loss predict response to topoisomerase I inhibitors in triple-negative breast cancers. Science Translational Medicine, 2020, 12, .	5.8	86
24	In situ CRISPRâ€Cas9 base editing for the development of genetically engineered mouse models of breast cancer. EMBO Journal, 2020, 39, e102169.	3.5	40
25	Rebalancing of actomyosin contractility enables mammary tumor formation upon loss of E-cadherin. Nature Communications, 2019, 10, 3800.	5.8	24
26	Ductal carcinoma in situ: to treat or not to treat, that is the question. British Journal of Cancer, 2019, 121, 285-292.	2.9	168
27	Loss of p53 triggers WNT-dependent systemic inflammation to drive breast cancer metastasis. Nature, 2019, 572, 538-542.	13.7	312
28	Comparative oncogenomics identifies combinations of driver genes and drug targets in BRCA1-mutated breast cancer. Nature Communications, 2019, 10, 397.	5.8	59
29	GATA3 Truncating Mutations Promote Cistromic Re-Programming In Vitro, but Not Mammary Tumor Formation in Mice. Journal of Mammary Gland Biology and Neoplasia, 2019, 24, 271-284.	1.0	3
30	PARP Inhibitor Efficacy Depends on CD8+ T-cell Recruitment via Intratumoral STING Pathway Activation in BRCA-Deficient Models of Triple-Negative Breast Cancer. Cancer Discovery, 2019, 9, 722-737.	7.7	433
31	EZH2 Is Overexpressed in BRCA1-like Breast Tumors and Predictive for Sensitivity to High-Dose Platinum-Based Chemotherapy. Clinical Cancer Research, 2019, 25, 4351-4362.	3.2	33
32	Therapeutic targeting of macrophages enhances chemotherapy efficacy by unleashing type I interferon response. Nature Cell Biology, 2019, 21, 511-521.	4.6	121
33	Exogenous ERÎ± Expression in the Mammary Epithelium Decreases Over Time and Does Not Contribute to p53-Deficient Mammary Tumor Formation in Mice. Journal of Mammary Gland Biology and Neoplasia, 2019, 24, 305-321.	1.0	1
34	Longâ€term expanding human airway organoids for disease modeling. EMBO Journal, 2019, 38, .	3.5	619
35	Radiosensitivity Is an Acquired Vulnerability of PARPi-Resistant BRCA1-Deficient Tumors. Cancer Research, 2019, 79, 452-460.	0.4	42
36	Resistance to PARP Inhibitors: Lessons from Preclinical Models of BRCA-Associated Cancer. Annual Review of Cancer Biology, 2019, 3, 235-254.	2.3	47

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37	Multifaceted Impact of MicroRNA 493-5p on Genome-Stabilizing Pathways Induces Platinum and PARP Inhibitor Resistance in BRCA2-Mutated Carcinomas. Cell Reports, 2018, 23, 100-111.	2.9	60
38	RAD51 foci as a functional biomarker of homologous recombination repair and PARP inhibitor resistance in germline BRCA-mutated breast cancer. Annals of Oncology, 2018, 29, 1203-1210.	0.6	280
39	Insertional mutagenesis in a HER2-positive breast cancer model reveals ERAS as a driver of cancer and therapy resistance. Oncogene, 2018, 37, 1594-1609.	2.6	8
40	E-Cadherin/ROS1 Inhibitor Synthetic Lethality in Breast Cancer. Cancer Discovery, 2018, 8, 498-515.	7.7	79
41	Easy quantification of template-directed CRISPR/Cas9 editing. Nucleic Acids Research, 2018, 46, e58-e58.	6.5	147
42	Lobular carcinoma in situ and invasive lobular breast cancer are characterized by enhanced expression of transcription factor AP-2Î². Laboratory Investigation, 2018, 98, 117-129.	1.7	24
43	BRCA-deficient mouse mammary tumor organoids to study cancer-drug resistance. Nature Methods, 2018, 15, 134-140.	9.0	110
44	Cancer-associated fibroblasts as key regulators of the breast cancer tumor microenvironment. Cancer and Metastasis Reviews, 2018, 37, 577-597.	2.7	150
45	The ASCIZ-DYNLL1 axis promotes 53BP1-dependent non-homologous end joining and PARP inhibitor sensitivity. Nature Communications, 2018, 9, 5406.	5.8	74
46	A <scp>RAD</scp> 51 assay feasible in routine tumor samples calls <scp>PARP</scp> inhibitor response beyond <scp>BRCA</scp> mutation. EMBO Molecular Medicine, 2018, 10, .	3.3	169
47	XenofilteR: computational deconvolution of mouse and human reads in tumor xenograft sequence data. BMC Bioinformatics, 2018, 19, 366.	1.2	94
48	The CST Complex Mediates End Protection at Double-Strand Breaks and Promotes PARP Inhibitor Sensitivity in BRCA1-Deficient Cells. Cell Reports, 2018, 23, 2107-2118.	2.9	110
49	Î±Eâ€catenin is a candidate tumor suppressor for the development of Eâ€cadherinâ€expressing lobularâ€type breast cancer. Journal of Pathology, 2018, 245, 456-467.	2.1	34
50	The Tandem Duplicator Phenotype Is a Prevalent Genome-Wide Cancer Configuration Driven by Distinct Gene Mutations. Cancer Cell, 2018, 34, 197-210.e5.	7.7	130
51	The shieldin complex mediates 53BP1-dependent DNA repair. Nature, 2018, 560, 117-121.	13.7	445
52	Haploid genetic screens identify genetic vulnerabilities to microtubuleâ€targeting agents. Molecular Oncology, 2018, 12, 953-971.	2.1	12
53	Mps1 inhibitors synergise with low doses of taxanes in promoting tumour cell death by enhancement of errors in cell division. British Journal of Cancer, 2018, 118, 1586-1595.	2.9	29
54	Transcriptomics and Transposon Mutagenesis Identify Multiple Mechanisms of Resistance to the FGFR Inhibitor AZD4547. Cancer Research, 2018, 78, 5668-5679.	0.4	35

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55	Mouse models in the era of large human tumour sequencing studies. Open Biology, 2018, 8, .	1.5	7
56	BRCA1â€associated mammary tumorigenesis is dependent on estrogen rather than progesterone signaling. Journal of Pathology, 2018, 246, 41-53.	2.1	7
57	Selective Loss of PARG Restores PARylation and Counteracts PARP Inhibitor-Mediated Synthetic Lethality. Cancer Cell, 2018, 33, 1078-1093.e12.	7.7	238
58	Abstract 2986: E-cadherin/ROS1 inhibitor synthetic lethality in breast cancer. , 2018, , .		3
59	Abstract 985: The EurOPDX EDIReX project: Towards a European research infrastructure on patient-derived cancer models. , 2018, , .		0
60	Abstract 1296: CanPathProâ€"development of a platform for predictive pathway modelling using genetically engineered mouse models. , 2018, , .		0
61	Abstract 5381: Understanding the genesis and oncogenic consequences of tandem duplicator phenotypes in human cancers. , 2018, , .		0
62	Abstract 1041: XenofilteR: Computational dissection of mouse and human reads in PDX and xenograft sequence data. , 2018, , .		0
63	Abstract 3259: When is cancer not really cancer: The PREvent Ductal Carcinoma In Situ Invasive Overtreatment Now (PRECISION)* initiative. , 2018, , .		0
64	Abstract 5115: Establishing tumoroid and mouse models for functional validation of progression markers in DCIS. , 2018, , .		0
65	Interrogating open issues in cancer precision medicine with patient-derived xenografts. Nature Reviews Cancer, 2017, 17, 254-268.	12.8	527
66	Genetically engineered mouse models in oncology research and cancer medicine. EMBO Molecular Medicine, 2017, 9, 137-153.	3.3	356
67	Identifying transposon insertions and their effects from RNA-sequencing data. Nucleic Acids Research, 2017, 45, 7064-7077.	6.5	9
68	Prophylactic window therapy with the clinical poly(<scp>ADP</scp>â€ribose) polymerase inhibitor olaparib delays <scp>BRCA1</scp>â€deficient mammary tumour formation in mice. Journal of Pathology, 2017, 241, 511-521.	2.1	2
69	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. Cancer Research, 2017, 77, e62-e66.	0.4	92
70	EZH2 promotes degradation of stalled replication forks by recruiting MUS81 through histone H3 trimethylation. Nature Cell Biology, 2017, 19, 1371-1378.	4.6	257
71	Selected Alkylating Agents Can Overcome Drug Tolerance of G0-like Tumor Cells and Eradicate BRCA1-Deficient Mammary Tumors in Mice. Clinical Cancer Research, 2017, 23, 7020-7033.	3.2	20
72	<scp>BRCA</scp> 1 and <scp>BRCA</scp> 2 tumor suppressors protect against endogenous acetaldehyde toxicity. EMBO Molecular Medicine, 2017, 9, 1398-1414.	3.3	57

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73	Progression through mitosis promotes PARP inhibitor-induced cytotoxicity in homologous recombination-deficient cancer cells. Nature Communications, 2017, 8, 15981.	5.8	83
74	Insertional mutagenesis identifies drivers of a novel oncogenic pathway in invasive lobular breast carcinoma. Nature Genetics, 2017, 49, 1219-1230.	9.4	64
75	Nuclear receptor NR4A1 is a tumor suppressor down-regulated in triple-negative breast cancer. Oncotarget, 2017, 8, 54364-54377.	0.8	32
76	Intraductal cisplatin treatment in a BRCA-associated breast cancer mouse model attenuates tumor development but leads to systemic tumors in aged female mice. Oncotarget, 2017, 8, 60750-60763.	0.8	11
77	Neoadjuvant olaparib targets hypoxia to improve radioresponse in a homologous recombination-proficient breast cancer model. Oncotarget, 2017, 8, 87638-87646.	0.8	10
78	Abstract IA07: Genetic determinants of tumor development, therapy response and resistance in mouse models of BRCA-deficient breast cancer. , 2017, , .		0
79	Abstract IA09: Replication fork stability confers chemoresistance in BRCA-deficient cells. , 2017, , .		1
80	Abstract LB-329: MicroRNA profiling to identify novel determinants of platinum resistance in BRCA1/2-mutated high-grade serous ovarian cancer. , 2017, , .		0
81	Abstract 3453: Progression through mitosis promotes PARP inhibitor induced cytotoxicity in homologous recombination deficient cancer cells. , 2017, , .		0
82	Mechanisms of Therapy Resistance in Patient-Derived Xenograft Models of BRCA1-Deficient Breast Cancer. Journal of the National Cancer Institute, 2016, 108, djw148.	3.0	157
83	Landscape of somatic mutations in 560 breast cancer whole-genome sequences. Nature, 2016, 534, 47-54.	13.7	1,760
84	The BRCA1-Î”11q Alternative Splice Isoform Bypasses Germline Mutations and Promotes Therapeutic Resistance to PARP Inhibition and Cisplatin. Cancer Research, 2016, 76, 2778-2790.	0.4	208
85	The PARP Inhibitor AZD2461 Provides Insights into the Role of PARP3 Inhibition for Both Synthetic Lethality and Tolerability with Chemotherapy in Preclinical Models. Cancer Research, 2016, 76, 6084-6094.	0.4	73
86	PTEN Loss in E-Cadherin-Deficient Mouse Mammary Epithelial Cells Rescues Apoptosis and Results in Development of Classical Invasive Lobular Carcinoma. Cell Reports, 2016, 16, 2087-2101.	2.9	42
87	Replication fork stability confers chemoresistance in BRCA-deficient cells. Nature, 2016, 535, 382-387.	13.7	685
88	p120-Catenin Is Critical for the Development of Invasive Lobular Carcinoma in Mice. Journal of Mammary Gland Biology and Neoplasia, 2016, 21, 81-88.	1.0	12
89	Lgr6 labels a rare population of mammary gland progenitor cells that are able to originate luminal mammary tumours. Nature Cell Biology, 2016, 18, 1346-1356.	4.6	75
90	Genetic Dissection of Cancer Development, Therapy Response, and Resistance in Mouse Models of Breast Cancer. Cold Spring Harbor Symposia on Quantitative Biology, 2016, 81, 141-150.	2.0	10

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91	Modeling invasive lobular breast carcinoma by CRISPR/Cas9-mediated somatic genome editing of the mammary gland. Genes and Development, 2016, 30, 1470-1480.	2.7	113
92	HELB Is a Feedback Inhibitor of DNA End Resection. Molecular Cell, 2016, 61, 405-418.	4.5	119
93	Activin Receptor-like Kinase 1 Ligand Trap Reduces Microvascular Density and Improves Chemotherapy Efficiency to Various Solid Tumors. Clinical Cancer Research, 2016, 22, 96-106.	3.2	47
94	BRCA1185delAG tumors may acquire therapy resistance through expression of RING-less BRCA1. Journal of Clinical Investigation, 2016, 126, 2903-2918.	3.9	105
95	Secretome proteomics reveals candidate non-invasive biomarkers of BRCA1 deficiency in breast cancer. Oncotarget, 2016, 7, 63537-63548.	0.8	14
96	Abstract IA04: Cancer-associated systemic inflammation facilitates breast cancer metastasis. , 2016, , .		0
97	Abstract 889: Dissecting the role of MYC in BRCA1-associated breast cancer. , 2016, , .		0
98	Abstract A45: Exosome transfer from stromal to breast cancer cells regulates therapy resistance pathways in triple-negative breast cancer. , 2016, , .		0
99	Abstract 2687: Rapid in vivo testing of tumor suppressors in ILC by CRISPR-Cas9 mediated somatic gene editing of the mammary gland. , 2016, , .		0
100	Abstract 673: The role of MYPT1/2, ASPP2 and MYH9 in invasive lobular carcinoma. , 2016, , .		0
101	Sorafenib synergizes with metformin in NSCLC through AMPK pathway activation. International Journal of Cancer, 2015, 136, 1434-1444.	2.3	64
102	Spontaneous bone metastases in a preclinical orthotopic model of invasive lobular carcinoma; the effect of pharmacological targeting TGFÎ² receptor I kinase. Journal of Pathology, 2015, 235, 745-759.	2.1	8
103	Morphine does not facilitate breast cancer progression in two preclinical mouse models for human invasive lobular and HER2+ breast cancer. Pain, 2015, 156, 1424-1432.	2.0	37
104	Extent of radiosensitization by the PARP inhibitor olaparib depends on its dose, the radiation dose and the integrity of the homologous recombination pathway of tumor cells. Radiotherapy and Oncology, 2015, 116, 358-365.	0.3	115
105	Prolonged Ezh2 Depletion in Glioblastoma Causes a Robust Switch in Cell Fate Resulting in Tumor Progression. Cell Reports, 2015, 10, 383-397.	2.9	70
106	The Use of Mass Spectrometry Imaging to Predict Treatment Response of Patient-Derived Xenograft Models of Triple-Negative Breast Cancer. Journal of Proteome Research, 2015, 14, 1069-1075.	1.8	27
107	<scp>BRCA</scp> 1 and Ct <scp>IP</scp> promote alternative nonâ€homologous endâ€joining at uncapped telomeres. EMBO Journal, 2015, 34, 410-424.	3.5	25
108	BRCA2-Deficient Sarcomatoid Mammary Tumors Exhibit Multidrug Resistance. Cancer Research, 2015, 75, 732-741.	0.4	47

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109	Inhibition of the spindle assembly checkpoint kinase TTK enhances the efficacy of docetaxel in a triple-negative breast cancer model. Annals of Oncology, 2015, 26, 2180-2192.	0.6	93
110	Selective resistance to the PARP inhibitor olaparib in a mouse model for BRCA1-deficient metaplastic breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8409-8414.	3.3	106
111	CopywriteR: DNA copy number detection from off-target sequence data. Genome Biology, 2015, 16, 49.	3.8	183
112	REV7 counteracts DNA double-strand break resection and affects PARP inhibition. Nature, 2015, 521, 541-544.	13.7	487
113	IL-17-producing Î³Î´ T cells and neutrophils conspire to promote breast cancer metastasis. Nature, 2015, 522, 345-348.	13.7	1,303
114	Using the GEMM-ESC strategy to study gene function in mouse models. Nature Protocols, 2015, 10, 1755-1785.	5.5	41
115	PARP Inhibitor Resistanceâ€"What Is Beyond BRCA1 or BRCA2 Restoration?. Cancer Drug Discovery and Development, 2015, , 453-471.	0.2	0
116	Abstract IA07: Cancer-associated inflammation facilitates metastatic breast cancer and counteracts chemoresponsiveness. , 2015, , .		0
117	Abstract B77: The role of fibroblasts in invasive lobular breast carcinoma. , 2015, , .		0
118	Abstract 2394: Cancer-associated fibroblasts in invasive lobular breast carcinoma. , 2015, , .		0
119	Lack of Genomic Heterogeneity at High-Resolution aCGH between Primary Breast Cancers and Their Paired Lymph Node Metastases. PLoS ONE, 2014, 9, e103177.	1.1	9
120	Molecular Pathways: How Can BRCA-Mutated Tumors Become Resistant to PARP Inhibitors?. Clinical Cancer Research, 2014, 20, 540-547.	3.2	137
121	Rapid target gene validation in complex cancer mouse models using reâ€derived embryonic stem cells. EMBO Molecular Medicine, 2014, 6, 212-225.	3.3	78
122	Chromosome instability induced by Mps1 and p53 mutation generates aggressive lymphomas exhibiting aneuploidy-induced stress. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13427-13432.	3.3	82
123	Exosome Transfer from Stromal to Breast Cancer Cells Regulates Therapy Resistance Pathways. Cell, 2014, 159, 499-513.	13.5	659
124	Patient-Derived Xenograft Models: An Emerging Platform for Translational Cancer Research. Cancer Discovery, 2014, 4, 998-1013.	7.7	1,341
125	Functional Ex Vivo Assay to Select Homologous Recombinationâ€"Deficient Breast Tumors for PARP Inhibitor Treatment. Clinical Cancer Research, 2014, 20, 4816-4826.	3.2	144
126	Targeted sequencing by proximity ligation for comprehensive variant detection and local haplotyping. Nature Biotechnology, 2014, 32, 1019-1025.	9.4	231

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127	Genomic patterns resembling BRCA1- and BRCA2-mutated breast cancers predict benefit of intensified carboplatin-based chemotherapy. Breast Cancer Research, 2014, 16, R47.	2.2	86
128	Cooperation between BRCA1 and vitamin D is critical for histone acetylation of the p21waf1 promoter and for growth inhibition of breast cancer cells and cancer stem-like cells.. Oncotarget, 2014, 5, 11827-11846.	0.8	23
129	Abstract 2425: Exploiting DNA repair defects in breast cancer. , 2014, , .		0
130	Abstract 3141: Epithelial-to-mesenchymal transition and therapy resistance in BRCA1-associated breast cancer. , 2014, , .		0
131	Abstract IA9: Studying therapy response and resistance in mouse models of human breast cancer. , 2014, , .		0
132	Defined lipid analogues induce transient channels to facilitate drug-membrane traversal and circumvent cancer therapy resistance. Scientific Reports, 2013, 3, 1949.	1.6	22
133	Genetically engineered mouse models of PI3K signaling inÂbreast cancer. Molecular Oncology, 2013, 7, 146-164.	2.1	34
134	ARF triggers senescence in Brca2-deficient cells by altering the spectrum of p53 transcriptional targets. Nature Communications, 2013, 4, 2697.	5.8	37
135	BRCA1 deficiency in skin epidermis leads to selective loss of hair follicle stem cells and their progeny. Genes and Development, 2013, 27, 39-51.	2.7	33
136	A Preclinical Mouse Model of Invasive Lobular Breast Cancer Metastasis. Cancer Research, 2013, 73, 353-363.	0.4	54
137	An Î±â€Ÿâ€catenin (<scp>CTNNA1</scp>) mutation in hereditary diffuse gastric cancer. Journal of Pathology, 2013, 229, 621-629.	2.1	184
138	Somatic loss of p53 leads to stem/progenitor cell amplification in both mammary epithelial compartments, basal and luminal. Stem Cells, 2013, 31, 1857-1867.	1.4	29
139	Loss of 53BP1 Causes PARP Inhibitor Resistance in Brca1-Mutated Mouse Mammary Tumors. Cancer Discovery, 2013, 3, 68-81.	7.7	428
140	A High-Throughput Functional Complementation Assay for Classification ofBRCA1Missense Variants. Cancer Discovery, 2013, 3, 1142-1155.	7.7	108
141	Loss of p120-Catenin Induces Metastatic Progression of Breast Cancer by Inducing Anoikis Resistance and Augmenting Growth Factor Receptor Signaling. Cancer Research, 2013, 73, 4937-4949.	0.4	47
142	Proteomics of Genetically Engineered Mouse Mammary Tumors Identifies Fatty Acid Metabolism Members as Potential Predictive Markers for Cisplatin Resistance. Molecular and Cellular Proteomics, 2013, 12, 1319-1334.	2.5	24
143	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. Journal of Experimental Medicine, 2013, 210, 1529-1544.	4.2	239
144	Palb2 synergizes with Trp53 to suppress mammary tumor formation in a model of inherited breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8632-8637.	3.3	54

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145	Polycomb group gene Ezh2 regulates mammary gland morphogenesis and maintains the luminal progenitor pool. Stem Cells, 2013, 31, 1910-1920.	1.4	42
146	Analysis of Tumor Heterogeneity and Cancer Gene Networks Using Deep Sequencing of MMTV-Induced Mouse Mammary Tumors. PLoS ONE, 2013, 8, e62113.	1.1	40
147	Abstract A8: The EurOPDX consortium: Sharing patient tumor-derived xenografts for collaborative multicentric preclinical trials.. , 2013, , .		1
148	Use of a Single Hybrid Imaging Agent for Integration of Target Validation with In Vivo and Ex Vivo Imaging of Mouse Tumor Lesions Resembling Human DCIS. PLoS ONE, 2013, 8, e48324.	1.1	20
149	Abstract 3382: Formation of transient membrane channels targets doxorubicin resistance.. , 2013, , .		0
150	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. Journal of Cell Biology, 2013, 202, 2022OIA57.	2.3	0
151	Abstract IA08: Studying therapy response and resistance in mouse models of breast cancer. , 2013, , .		0
152	Abstract A059: Context-dependent regulation of breast cancer metastasis by E-cadherin and p120-catenin. , 2013, , .		0
153	Abstract A52: Loss of p120-catenin induces metastatic progression of breast cancer by inducing anoikis resistance and augmenting growth factor receptor signaling. , 2013, , .		0
154	Abstract A083: Neutrophils promote metastasis of invasive lobular carcinoma. , 2013, , .		0
155	Lack of ABCG2 Shortens Latency of BRCA1-Deficient Mammary Tumors and This Is Not Affected by Genistein or Resveratrol. Cancer Prevention Research, 2012, 5, 1053-1060.	0.7	12
156	Deleted in colorectal carcinoma suppresses metastasis in p53-deficient mammary tumours. Nature, 2012, 482, 538-541.	13.7	80
157	Impact of Intertumoral Heterogeneity on Predicting Chemotherapy Response of BRCA1-Deficient Mammary Tumors. Cancer Research, 2012, 72, 2350-2361.	0.4	48
158	Synergistic tumour suppressor activity of E-cadherin and p53 in a conditional mouse model for metastatic diffuse-type gastric cancer. Gut, 2012, 61, 344-353.	6.1	108
159	MEK inhibition as a strategy for targeting residual breast cancer cells with low DUSP4 expression. Breast Cancer Research, 2012, 14, 324.	2.2	13
160	Developmental stageâ€specific contribution of <scp>LGR5</scp>⁺ cells to basal and luminal epithelial lineages in the postnatal mammary gland. Journal of Pathology, 2012, 228, 300-309.	2.1	134
161	Editorial. Drug Resistance Updates, 2012, 15, 1.	6.5	0
162	Using genetically engineered mouse models to validate candidate cancer genes and test new therapeutic approaches. Current Opinion in Genetics and Development, 2012, 22, 21-27.	1.5	24

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163	The effects of deregulated DNA damage signalling on cancer chemotherapy response and resistance. Nature Reviews Cancer, 2012, 12, 587-598.	12.8	509
164	Proteomics of Mouse BRCA1-deficient Mammary Tumors Identifies DNA Repair Proteins with Potential Diagnostic and Prognostic Value in Human Breast Cancer. Molecular and Cellular Proteomics, 2012, 11, M111.013334-1-M111.013334-19.	2.5	23
165	Chemotherapy response of spontaneous mammary tumors is independent of the adaptive immune system. Nature Medicine, 2012, 18, 344-346.	15.2	99
166	EZN-2208 (PEG-SN38) Overcomes ABCG2-Mediated Topotecan Resistance in BRCA1-Deficient Mouse Mammary Tumors. PLoS ONE, 2012, 7, e45248.	1.1	24
167	Tracking Evolution of BRCA1-Associated Breast Cancer: Figure 1.. Cancer Discovery, 2012, 2, 486-488.	7.7	2
168	Genomic instability in breast and ovarian cancers: translation into clinical predictive biomarkers. Cellular and Molecular Life Sciences, 2012, 69, 223-245.	2.4	59
169	Abstract 2761: Co-administration of the short-chain sphingolipid N-octanoyl-glucosylceramide improves doxorubicin therapy by enhancing intracellular drug accumulation in vivo. , 2012, , .		0
170	Abstract LB-392: Loss of Rev7 causes PARP inhibitor resistance in BRCA1;p53-deficient mouse mammary tumor cells. , 2012, , .		0
171	Abstract SY08-01: Large-scale screens for cancer genes in the mouse. , 2012, , .		0
172	Abstract 3295: Systematicin vivoanalysis of PI3K pathway aberrations in a mouse model for invasive lobular carcinoma. , 2012, , .		0
173	Abstract PR3: Patient derived BRCA1-deficient triple-negative breast cancer xenografts develop resistance to DNA damaging agents via genetic and epigenetic mechanisms. Clinical Cancer Research, 2012, 18, PR3-PR3.	3.2	0
174	BRCA1 RING Function Is Essential for Tumor Suppression but Dispensable for Therapy Resistance. Cancer Cell, 2011, 20, 797-809.	7.7	228
175	Studying Therapy Response and Resistance in Mouse Models for BRCA1-Deficient Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2011, 16, 41-50.	1.0	19
176	Development of metastatic HER2⁺ breast cancer is independent of the adaptive immune system. Journal of Pathology, 2011, 224, 56-66.	2.1	21
177	Loss of p53 partially rescues embryonic development of Palb2 knockout mice but does not foster haploinsufficiency of Palb2 in tumour suppression. Journal of Pathology, 2011, 224, 10-21.	2.1	41
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