

Jordi Barretina Ginesta

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.

56
papers

19,200
citations

40
h-index

66
g-index

66
ext. papers

22,930
ext. citations

17.1
avg, IF

5.1
L-index

#	Paper	IF	Citations
56	The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity. <i>Nature</i> , 2012 , 483, 603-7	50.4	4648
55	The landscape of somatic copy-number alteration across human cancers. <i>Nature</i> , 2010 , 463, 899-905	50.4	2590
54	COT drives resistance to RAF inhibition through MAP kinase pathway reactivation. <i>Nature</i> , 2010 , 468, 968-72	50.4	1162
53	Functional genomics reveal that the serine synthesis pathway is essential in breast cancer. <i>Nature</i> , 2011 , 476, 346-50	50.4	1063
52	Next-generation characterization of the Cancer Cell Line Encyclopedia. <i>Nature</i> , 2019 , 569, 503-508	50.4	962
51	High-throughput oncogene mutation profiling in human cancer. <i>Nature Genetics</i> , 2007 , 39, 347-51	36.3	847
50	Assessing the significance of chromosomal aberrations in cancer: methodology and application to glioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20007-12	11.5	812
49	Melanoma genome sequencing reveals frequent PREX2 mutations. <i>Nature</i> , 2012 , 485, 502-6	50.4	555
48	The 8q24 cancer risk variant rs6983267 shows long-range interaction with MYC in colorectal cancer. <i>Nature Genetics</i> , 2009 , 41, 882-4	36.3	550
47	Subtype-specific genomic alterations define new targets for soft-tissue sarcoma therapy. <i>Nature Genetics</i> , 2010 , 42, 715-21	36.3	521
46	CDK8 is a colorectal cancer oncogene that regulates beta-catenin activity. <i>Nature</i> , 2008 , 455, 547-51	50.4	519
45	Focal gains of VEGFA and molecular classification of hepatocellular carcinoma. <i>Cancer Research</i> , 2008 , 68, 6779-88	10.1	463
44	An interactive resource to identify cancer genetic and lineage dependencies targeted by small molecules. <i>Cell</i> , 2013 , 154, 1151-1161	56.2	392
43	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
42	Systematic investigation of genetic vulnerabilities across cancer cell lines reveals lineage-specific dependencies in ovarian cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12372-7	11.5	321
41	Advances in sarcoma genomics and new therapeutic targets. <i>Nature Reviews Cancer</i> , 2011 , 11, 541-57	31.3	291
40	Genomic sequencing of colorectal adenocarcinomas identifies a recurrent VTI1A-TCF7L2 fusion. <i>Nature Genetics</i> , 2011 , 43, 964-968	36.3	242

39	Integrative analysis of the melanoma transcriptome. <i>Genome Research</i> , 2010 , 20, 413-27	9.7	216
38	Predicting drug susceptibility of non-small cell lung cancers based on genetic lesions. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1727-40	15.9	205
37	Gastrointestinal adenocarcinomas of the esophagus, stomach, and colon exhibit distinct patterns of genome instability and oncogenesis. <i>Cancer Research</i> , 2012 , 72, 4383-93	10.1	204
36	Wnt-pathway activation in two molecular classes of hepatocellular carcinoma and experimental modulation by sorafenib. <i>Clinical Cancer Research</i> , 2012 , 18, 4997-5007	12.9	195
35	Global chromatin profiling reveals NSD2 mutations in pediatric acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2013 , 45, 1386-91	36.3	192
34	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019 , 25, 850-860	50.5	188
33	Human immunodeficiency virus 1 envelope glycoprotein complex-induced apoptosis involves mammalian target of rapamycin/FKBP12-rapamycin-associated protein-mediated p53 phosphorylation. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1097-110	16.6	135
32	Functional copy-number alterations in cancer. <i>PLoS ONE</i> , 2008 , 3, e3179	3.7	129
31	Nuclear factor I/B is an oncogene in small cell lung cancer. <i>Genes and Development</i> , 2011 , 25, 1470-5	12.6	118
30	Sequential involvement of Cdk1, mTOR and p53 in apoptosis induced by the HIV-1 envelope. <i>EMBO Journal</i> , 2002 , 21, 4070-80	13	116
29	Interleukin-7 in plasma correlates with CD4 T-cell depletion and may be associated with emergence of syncytium-inducing variants in human immunodeficiency virus type 1-positive individuals. <i>Journal of Virology</i> , 2001 , 75, 10319-25	6.6	113
28	CDYL bridges REST and histone methyltransferases for gene repression and suppression of cellular transformation. <i>Molecular Cell</i> , 2008 , 32, 718-26	17.6	104
27	EGF816 Exerts Anticancer Effects in Non-Small Cell Lung Cancer by Irreversibly and Selectively Targeting Primary and Acquired Activating Mutations in the EGF Receptor. <i>Cancer Research</i> , 2016 , 76, 1591-602	10.1	90
26	Genomic medicine frontier in human solid tumors: prospects and challenges. <i>Journal of Clinical Oncology</i> , 2013 , 31, 1874-84	2.2	90
25	High level of coreceptor-independent HIV transfer induced by contacts between primary CD4 T cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51305-14	5.4	82
24	Targeting FGFR overcomes EMT-mediated resistance in EGFR mutant non-small cell lung cancer. <i>Oncogene</i> , 2019 , 38, 6399-6413	9.2	79
23	Amplification of chromosomal segment 4q12 in non-small cell lung cancer. <i>Cancer Biology and Therapy</i> , 2009 , 8, 2042-50	4.6	65
22	Cell-surface-expressed HIV-1 envelope induces the death of CD4 T cells during GP41-mediated hemifusion-like events. <i>Virology</i> , 2003 , 305, 318-29	3.6	60

21	NF1 deletion generates multiple subtypes of soft-tissue sarcoma that respond to MEK inhibition. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 1906-17	6.1	58
20	The CXCR4 antagonist AMD3100 efficiently inhibits cell-surface-expressed human immunodeficiency virus type 1 envelope-induced apoptosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 51-6	5.9	58
19	Strong expression of IGF1R in pediatric gastrointestinal stromal tumors without IGF1R genomic amplification. <i>International Journal of Cancer</i> , 2010 , 127, 2718-22	7.5	57
18	Characterization of Nigerian breast cancer reveals prevalent homologous recombination deficiency and aggressive molecular features. <i>Nature Communications</i> , 2018 , 9, 4181	17.4	45
17	R5 HIV gp120-mediated cellular contacts induce the death of single CCR5-expressing CD4 T cells by a gp41-dependent mechanism. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 804-11	6.5	42
16	Anti-human immunodeficiency virus activity of novel aminoglycoside-arginine conjugates at early stages of infection. <i>AIDS Research and Human Retroviruses</i> , 2000 , 16, 627-34	1.6	32
15	Immunological and virological study of enfuvirtide-treated HIV-positive patients. <i>Aids</i> , 2004 , 18, 1673-82	3.5	29
14	Anti-HIV activity of a novel aminoglycoside-arginine conjugate. <i>Antiviral Research</i> , 2002 , 53, 1-8	10.8	29
13	Interleukin-7-dependent production of RANTES that correlates with human immunodeficiency virus disease progression. <i>Journal of Virology</i> , 2003 , 77, 4389-95	6.6	23
12	CD4(+) and CD8(+) T cell death during human immunodeficiency virus infection in vitro. <i>Virology</i> , 2001 , 285, 356-65	3.6	19
11	Reduced Fitness of HIV-1 Resistant to Cxcr4 Antagonists. <i>Antiviral Therapy</i> , 2003 , 8, 1-8	1.6	16
10	Anti-HIV-1 Activity of Enfuvirtide (T-20) by Inhibition of Bystander Cell Death. <i>Antiviral Therapy</i> , 2003 , 8, 155-161	1.6	14
9	Preferential attachment of HIV particles to activated and CD45RO+CD4+ T cells. <i>AIDS Research and Human Retroviruses</i> , 2002 , 18, 27-38	1.6	12
8	Stromal-cell-derived factor 1 prevents the emergence of the syncytium-inducing phenotype of HIV-1 in vivo. <i>Aids</i> , 2001 , 15, 1890-2	3.5	12
7	Identification of ALK gene alterations in urothelial carcinoma. <i>PLoS ONE</i> , 2014 , 9, e103325	3.7	8
6	Anti-HIV-1 activity of enfuvirtide (T-20) by inhibition of bystander cell death. <i>Antiviral Therapy</i> , 2003 , 8, 155-61	1.6	7
5	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020 , 189, 111257	5.6	6
4	Germline variants and somatic mutation signatures of breast cancer across populations of African and European ancestry in the US and Nigeria. <i>International Journal of Cancer</i> , 2019 , 145, 3321-3333	7.5	5

3	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021 , 31, 2466-2481	5.1	3
2	Whole-genome analysis of Nigerian patients with breast cancer reveals ethnic-driven somatic evolution and distinct genomic subtypes. <i>Nature Communications</i> , 2021 , 12, 6946	17.4	1
1	E3 ubiquitin ligase Atrogin-1 mediates adaptive resistance to KIT-targeted inhibition in gastrointestinal stromal tumor. <i>Oncogene</i> , 2021 , 40, 6614-6626	9.2	0