

Ivan Bieche

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336
papers

15,176
citations

65
h-index

104
g-index

376
ext. papers

17,389
ext. citations

7.3
avg, IF

6.01
L-index

#	Paper	IF	Citations
336	Molecularly targeted therapy based on tumour molecular profiling versus conventional therapy for advanced cancer (SHIVA): a multicentre, open-label, proof-of-concept, randomised, controlled phase 2 trial. <i>Lancet Oncology, The</i> , 2015 , 16, 1324-34	21.7	657
335	Characterization of a germ-line deletion, including the entire INK4/ARF locus, in a melanoma-neural system tumor family: identification of ANRIL, an antisense noncoding RNA whose expression coclusters with ARF. <i>Cancer Research</i> , 2007 , 67, 3963-9	10.1	521
334	The clinical value of somatic TP53 gene mutations in 1,794 patients with breast cancer. <i>Clinical Cancer Research</i> , 2006 , 12, 1157-67	12.9	414
333	ANRIL, a long, noncoding RNA, is an unexpected major hotspot in GWAS. <i>FASEB Journal</i> , 2011 , 25, 444-8	0.9	361
332	Reverse transcriptase-PCR quantification of mRNA levels from cytochrome (CYP)1, CYP2 and CYP3 families in 22 different human tissues. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 731-42	1.9	264
331	Genetic alterations in breast cancer. <i>Genes Chromosomes and Cancer</i> , 1995 , 14, 227-51	5	229
330	Circulating tumor DNA as a non-invasive substitute to metastasis biopsy for tumor genotyping and personalized medicine in a prospective trial across all tumor types. <i>Molecular Oncology</i> , 2015 , 9, 783-90	7.9	200
329	Molecular profiling of inflammatory breast cancer: identification of a poor-prognosis gene expression signature. <i>Clinical Cancer Research</i> , 2004 , 10, 6789-95	12.9	195
328	SWI/SNF chromatin remodeling and human malignancies. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015 , 10, 145-71	34	186
327	Identification of novel genes that co-cluster with estrogen receptor alpha in breast tumor biopsy specimens, using a large-scale real-time reverse transcription-PCR approach. <i>Endocrine-Related Cancer</i> , 2006 , 13, 1109-20	5.7	183
326	NF1 microdeletions in neurofibromatosis type 1: from genotype to phenotype. <i>Human Mutation</i> , 2010 , 31, E1506-18	4.7	176
325	Telangiectatic focal nodular hyperplasia: a variant of hepatocellular adenoma. <i>Gastroenterology</i> , 2004 , 126, 1323-9	13.3	166
324	Prognostic value of ERBB family mRNA expression in breast carcinomas. <i>International Journal of Cancer</i> , 2003 , 106, 758-65	7.5	165
323	Ex vivo priming of endothelial progenitor cells with SDF-1 before transplantation could increase their proangiogenic potential. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 644-50	9.4	163
322	Inhibitory signalling to the Arp2/3 complex steers cell migration. <i>Nature</i> , 2013 , 503, 281-4	50.4	156
321	IL28B polymorphism is associated with treatment response in patients with genotype 4 chronic hepatitis C. <i>Journal of Hepatology</i> , 2012 , 56, 527-32	13.4	149
320	Liver gene expression signature of mild fibrosis in patients with chronic hepatitis C. <i>Gastroenterology</i> , 2005 , 129, 2064-75	13.3	139

319	microRNA expression profile in a large series of bladder tumors: identification of a 3-miRNA signature associated with aggressiveness of muscle-invasive bladder cancer. <i>International Journal of Cancer</i> , 2013 , 132, 2479-91	7.5	135
318	NF-kappa B genes have a major role in inflammatory breast cancer. <i>BMC Cancer</i> , 2008 , 8, 41	4.8	135
317	Molecular profiling of early stage liver fibrosis in patients with chronic hepatitis C virus infection. <i>Virology</i> , 2005 , 332, 130-44	3.6	132
316	Xenobiotic-metabolizing enzymes and transporters in the normal human brain: regional and cellular mapping as a basis for putative roles in cerebral function. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1528-38	4	128
315	PIK3CA mutation impact on survival in breast cancer patients and in ER α , PR and ERBB2-based subgroups. <i>Breast Cancer Research</i> , 2012 , 14, R28	8.3	127
314	Anaplastic oligodendrogliomas with 1p19q codeletion have a proneural gene expression profile. <i>Molecular Cancer</i> , 2008 , 7, 41	42.1	127
313	TaqMan PCR-based Gene Dosage Assay for Predictive Testing in Individuals from a Cancer Family with INK4 Locus Haploinsufficiency. <i>Clinical Chemistry</i> , 1999 , 45, 982-986	5.5	126
312	Genome-wide DNA methylation profiling of CpG islands in breast cancer identifies novel genes associated with tumorigenicity. <i>Cancer Research</i> , 2011 , 71, 2988-99	10.1	125
311	Hepatitis C: viral and host factors associated with non-response to pegylated interferon plus ribavirin. <i>Liver International</i> , 2010 , 30, 1259-69	7.9	122
310	CXC chemokines located in the 4q21 region are up-regulated in breast cancer. <i>Endocrine-Related Cancer</i> , 2007 , 14, 1039-52	5.7	122
309	PAR-1 activation on human late endothelial progenitor cells enhances angiogenesis in vitro with upregulation of the SDF-1/CXCR4 system. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2321-7	9.4	110
308	Frequent epigenetic inactivation of RASSF1A and BLU genes located within the critical 3p21.3 region in gliomas. <i>Oncogene</i> , 2004 , 23, 2408-19	9.2	108
307	Quantification of estrogen receptor alpha and beta expression in sporadic breast cancer. <i>Oncogene</i> , 2001 , 20, 8109-15	9.2	107
306	CYP46A1 inhibition, brain cholesterol accumulation and neurodegeneration pave the way for Alzheimer's disease. <i>Brain</i> , 2015 , 138, 2383-98	11.2	105
305	Interleukin-25: a cytokine linking eosinophils and adaptive immunity in Churg-Strauss syndrome. <i>Blood</i> , 2010 , 116, 4523-31	2.2	105
304	A six-gene signature predicting breast cancer lung metastasis. <i>Cancer Research</i> , 2008 , 68, 6092-9	10.1	105
303	Inhibition of autophagy as a new means of improving chemotherapy efficiency in high-LC3B triple-negative breast cancers. <i>Autophagy</i> , 2014 , 10, 2122-42	10.2	101
302	Long Noncoding RNAs as New Architects in Cancer Epigenetics, Prognostic Biomarkers, and Potential Therapeutic Targets. <i>BioMed Research International</i> , 2015 , 2015, 320214	3	99

301	Endocrine resistance associated with activated ErbB system in breast cancer cells is reversed by inhibiting MAPK or PI3K/Akt signaling pathways. <i>International Journal of Cancer</i> , 2010 , 126, 545-62	7.5	97
300	DNA methylation imprinting marks and DNA methyltransferase expression in human spermatogenic cell stages. <i>Epigenetics</i> , 2011 , 6, 1354-61	5.7	94
299	In vivo hepatic endoplasmic reticulum stress in patients with chronic hepatitis C. <i>Journal of Pathology</i> , 2010 , 221, 264-74	9.4	92
298	An intronic polymorphism in the PAR-1 gene is associated with platelet receptor density and the response to SFLLRN. <i>Blood</i> , 2003 , 101, 1833-40	2.2	91
297	Role of noncoding RNA ANRIL in genesis of plexiform neurofibromas in neurofibromatosis type 1. <i>Journal of the National Cancer Institute</i> , 2011 , 103, 1713-22	9.7	90
296	Bone morphogenetic proteins 2 and 4 are selectively expressed by late outgrowth endothelial progenitor cells and promote neoangiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2137-43	9.4	90
295	RASSF4/AD037 is a potential ras effector/tumor suppressor of the RASSF family. <i>Cancer Research</i> , 2004 , 64, 8688-93	10.1	89
294	Concomitant Notch activation and p53 deletion trigger epithelial-to-mesenchymal transition and metastasis in mouse gut. <i>Nature Communications</i> , 2014 , 5, 5005	17.4	88
293	Antiproliferative effects of rapamycin as a single agent and in combination with carboplatin and paclitaxel in head and neck cancer cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 2008 , 62, 305-13	3.5	87
292	Thrombospondin-1 is a plasmatic marker of peripheral arterial disease that modulates endothelial progenitor cell angiogenic properties. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 551-9	9.4	86
291	A quantitative gene expression study suggests a role for angiopoietins in focal nodular hyperplasia. <i>Gastroenterology</i> , 2003 , 124, 651-9	13.3	84
290	The HOXB7 protein renders breast cancer cells resistant to tamoxifen through activation of the EGFR pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2736-41	11.5	81
289	Increased VEGFR2 expression during human late endothelial progenitor cells expansion enhances in vitro angiogenesis with up-regulation of integrin alpha(6). <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 1149-61	5.6	81
288	ZNF217 is a marker of poor prognosis in breast cancer that drives epithelial-mesenchymal transition and invasion. <i>Cancer Research</i> , 2012 , 72, 3593-606	10.1	80
287	Placenta-specific INSL4 expression is mediated by a human endogenous retrovirus element. <i>Biology of Reproduction</i> , 2003 , 68, 1422-9	3.9	80
286	Molecular profiling of hepatocellular carcinomas (HCC) using a large-scale real-time RT-PCR approach: determination of a molecular diagnostic index. <i>American Journal of Pathology</i> , 2003 , 163, 733-41	5.8	79
285	Candidate genes on chromosome 9q33-34 involved in the progression of childhood ependymomas. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1884-92	2.2	78
284	Elevated growth-arrest-specific protein 6 plasma levels in patients with severe sepsis. <i>Critical Care Medicine</i> , 2006 , 34, 219-22	1.4	78

283	CD133, CD15/SSEA-1, CD34 or side populations do not resume tumor-initiating properties of long-term cultured cancer stem cells from human malignant glio-neuronal tumors. <i>BMC Cancer</i> , 2010 , 10, 66	4.8	75
282	Relationship between intratumoral expression of genes coding for xenobiotic-metabolizing enzymes and benefit from adjuvant tamoxifen in estrogen receptor alpha-positive postmenopausal breast carcinoma. <i>Breast Cancer Research</i> , 2004 , 6, R252-63	8.3	75
281	Role of WISP-2/CCN5 in the maintenance of a differentiated and noninvasive phenotype in human breast cancer cells. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1114-23	4.8	72
280	Expression of ANRIL-Polycomb Complexes-CDKN2A/B/ARF Genes in Breast Tumors: Identification of a Two-Gene (EZH2/CBX7) Signature with Independent Prognostic Value. <i>Molecular Cancer Research</i> , 2016 , 14, 623-33	6.6	72
279	PIK3R1 underexpression is an independent prognostic marker in breast cancer. <i>BMC Cancer</i> , 2013 , 13, 545	4.8	71
278	Evaluating patient-derived colorectal cancer xenografts as preclinical models by comparison with patient clinical data. <i>Cancer Research</i> , 2015 , 75, 1560-6	10.1	70
277	Structural organization and expression of human MTUS1, a candidate 8p22 tumor suppressor gene encoding a family of angiotensin II AT2 receptor-interacting proteins, ATIP. <i>Gene</i> , 2006 , 380, 127-36	3.8	70
276	Increased incidence of ERBB2 overexpression and TP53 mutation in inflammatory breast cancer. <i>Oncogene</i> , 2002 , 21, 7593-7	9.2	68
275	Cholesterol 24-hydroxylase defect is implicated in memory impairments associated with Alzheimer-like Tau pathology. <i>Human Molecular Genetics</i> , 2015 , 24, 5965-76	5.6	67
274	Gene expression profiling of the hedgehog signaling pathway in human meningiomas. <i>Molecular Medicine</i> , 2010 , 16, 262-70	6.2	66
273	Molecular profiling of malignant peripheral nerve sheath tumors associated with neurofibromatosis type 1, based on large-scale real-time RT-PCR. <i>Molecular Cancer</i> , 2004 , 3, 20	42.1	66
272	OTX008, a selective small-molecule inhibitor of galectin-1, downregulates cancer cell proliferation, invasion and tumour angiogenesis. <i>European Journal of Cancer</i> , 2014 , 50, 2463-77	7.5	65
271	Involvement of chemokines and type 1 cytokines in the pathogenesis of hepatitis C virus-associated mixed cryoglobulinemia vasculitis neuropathy. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2917-25		64
270	Decreased expression of ABCD4 and BG1 genes early in the pathogenesis of X-linked adrenoleukodystrophy. <i>Human Molecular Genetics</i> , 2005 , 14, 1293-303	5.6	64
269	Control of MT1-MMP transport by atypical PKC during breast-cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1872-9	11.5	63
268	miRNA expression profiling of inflammatory breast cancer identifies a 5-miRNA signature predictive of breast tumor aggressiveness. <i>International Journal of Cancer</i> , 2013 , 133, 1614-23	7.5	62
267	Efficient intracerebral delivery of AAV5 vector encoding human ARSA in non-human primate. <i>Human Molecular Genetics</i> , 2010 , 19, 147-58	5.6	61
266	Correction of brain oligodendrocytes by AAVrh.10 intracerebral gene therapy in metachromatic leukodystrophy mice. <i>Human Gene Therapy</i> , 2012 , 23, 903-14	4.8	61

265	Tumor PIK3CA Genotype and Prognosis in Early-Stage Breast Cancer: A Pooled Analysis of Individual Patient Data. <i>Journal of Clinical Oncology</i> , 2018 , 36, 981-990	2.2	61
264	Treatment Algorithms Based on Tumor Molecular Profiling: The Essence of Precision Medicine Trials. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	60
263	mTOR inhibition reverses acquired endocrine therapy resistance of breast cancer cells at the cell proliferation and gene-expression levels. <i>Cancer Science</i> , 2008 , 99, 1992-2003	6.9	60
262	Identification of 5 novel genes methylated in breast and other epithelial cancers. <i>Molecular Cancer</i> , 2010 , 9, 51	42.1	59
261	Genetic pathways in the evolution of breast ductal carcinoma in situ. <i>Journal of Pathology</i> , 2002 , 196, 280-6	9.4	58
260	p63/MT1-MMP axis is required for in situ to invasive transition in basal-like breast cancer. <i>Oncogene</i> , 2016 , 35, 344-57	9.2	57
259	Prognostic value of a newly identified MALAT1 alternatively spliced transcript in breast cancer. <i>British Journal of Cancer</i> , 2016 , 114, 1395-404	8.7	57
258	The GALNT9, BNC1 and CCDC8 genes are frequently epigenetically dysregulated in breast tumours that metastasise to the brain. <i>Clinical Epigenetics</i> , 2015 , 7, 57	7.7	56
257	Quantitative PCR high-resolution melting (qPCR-HRM) curve analysis, a new approach to simultaneously screen point mutations and large rearrangements: application to MLH1 germline mutations in Lynch syndrome. <i>Human Mutation</i> , 2009 , 30, 867-75	4.7	55
256	Analyses of MYC, ERBB2, and CCND1 genes in benign and malignant thyroid follicular cell tumors by real-time polymerase chain reaction. <i>Thyroid</i> , 2001 , 11, 147-52	6.2	55
255	Intracerebral Gene Therapy Using AAVrh.10-hARSA Recombinant Vector to Treat Patients with Early-Onset Forms of Metachromatic Leukodystrophy: Preclinical Feasibility and Safety Assessments in Nonhuman Primates. <i>Human Gene Therapy Clinical Development</i> , 2015 , 26, 113-24	3.2	54
254	Spectrum of cellular responses to pyriplatin, a monofunctional cationic antineoplastic platinum(II) compound, in human cancer cells. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1709-19	6.1	54
253	Role of the focal adhesion protein kindlin-1 in breast cancer growth and lung metastasis. <i>Journal of the National Cancer Institute</i> , 2011 , 103, 1323-37	9.7	54
252	Update on inflammatory breast cancer. <i>Breast Cancer Research</i> , 2005 , 7, 52-8	8.3	54
251	Tubulin glycolases are required for primary cilia, control of cell proliferation and tumor development in colon. <i>EMBO Journal</i> , 2014 , 33, 2247-60	13	53
250	The Wnt antagonist Dickkopf-1 increases endothelial progenitor cell angiogenic potential. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2544-52	9.4	52
249	In vivo altered unfolded protein response and apoptosis in livers from lipopolysaccharide-challenged cirrhotic rats. <i>Journal of Hepatology</i> , 2007 , 46, 1075-88	13.4	51
248	Activation of IFN/STAT1 signalling predicts response to chemotherapy in oestrogen receptor-negative breast cancer. <i>British Journal of Cancer</i> , 2016 , 114, 177-87	8.7	49

247	Changes in autophagic response in patients with chronic hepatitis C virus infection. <i>American Journal of Pathology</i> , 2011 , 178, 2708-15	5.8	49
246	<i>Aspergillus fumigatus</i> germ tube growth and not conidia ingestion induces expression of inflammatory mediator genes in the human lung epithelial cell line A549. <i>Journal of Medical Microbiology</i> , 2009 , 58, 174-179	3.2	49
245	Identification of TACC1, NOV, and PTTG1 as new candidate genes associated with endocrine therapy resistance in breast cancer. <i>Journal of Molecular Endocrinology</i> , 2009 , 42, 87-103	4.5	48
244	A candidate molecular signature associated with tamoxifen failure in primary breast cancer. <i>Breast Cancer Research</i> , 2008 , 10, R88	8.3	48
243	Genetics, genomics, and proteomics: implications for the diagnosis and the treatment of chronic hepatitis C. <i>Seminars in Liver Disease</i> , 2007 , 27, 13-27	7.3	48
242	Deletion mapping of chromosomal region 1p32-pter in primary breast cancer. <i>Genes Chromosomes and Cancer</i> , 1999 , 24, 255-63	5	48
241	Epithelial-to-mesenchymal transition and resistance to ingenol 3-angelate, a novel protein kinase C modulator, in colon cancer cells. <i>Cancer Research</i> , 2009 , 69, 4260-9	10.1	47
240	Overexpression of vascular endothelial growth factor 189 in breast cancer cells leads to delayed tumor uptake with dilated intratumoral vessels. <i>American Journal of Pathology</i> , 2008 , 172, 167-78	5.8	47
239	Clinical relevance of tumor cells with stem-like properties in pediatric brain tumors. <i>PLoS ONE</i> , 2011 , 6, e16375	3.7	47
238	Cell death and neuronal differentiation of glioblastoma stem-like cells induced by neurogenic transcription factors. <i>Glia</i> , 2013 , 61, 225-39	9	46
237	The cytosolic carboxypeptidases CCP2 and CCP3 catalyze posttranslational removal of acidic amino acids. <i>Molecular Biology of the Cell</i> , 2014 , 25, 3017-27	3.5	46
236	Molecular profiling of pancreatic neuroendocrine tumors in sporadic and Von Hippel-Lindau patients. <i>Clinical Cancer Research</i> , 2012 , 18, 2838-49	12.9	46
235	Microarray-based identification of tenascin C and tenascin XB, genes possibly involved in tumorigenesis associated with neurofibromatosis type 1. <i>Clinical Cancer Research</i> , 2007 , 13, 398-407	12.9	46
234	Expression of stathmin family genes in human tissues: non-neural-restricted expression for SCLIP. <i>Genomics</i> , 2003 , 81, 400-10	4.3	46
233	Expression of PEA3/E1AF/ETV4, an Ets-related transcription factor, in breast tumors: positive links to MMP2, NRG1 and CGB expression. <i>Carcinogenesis</i> , 2004 , 25, 405-11	4.6	46
232	High AHR expression in breast tumors correlates with expression of genes from several signaling pathways namely inflammation and endogenous tryptophan metabolism. <i>PLoS ONE</i> , 2018 , 13, e0190619 ^{3.7}	3.7	46
231	Tubulin glycylation controls primary cilia length. <i>Journal of Cell Biology</i> , 2017 , 216, 2701-2713	7.3	45
230	Hedgehog pathway activation in human transitional cell carcinoma of the bladder. <i>British Journal of Cancer</i> , 2012 , 106, 1177-86	8.7	45

229	IL-1 β produced by aggressive breast cancer cells is one of the factors that dictate their interactions with mesenchymal stem cells through chemokine production. <i>Oncotarget</i> , 2015 , 6, 29034-47	3.3	45
228	Role of estrogen receptor alpha transcriptional coregulators in tamoxifen resistance in breast cancer. <i>Maturitas</i> , 2006 , 54, 342-51	5	44
227	Gene expression profiling reveals new aspects of PIK3CA mutation in ERalpha-positive breast cancer: major implication of the Wnt signaling pathway. <i>PLoS ONE</i> , 2010 , 5, e15647	3.7	44
226	PIK3CA Pathway Mutations Predictive of Poor Response Following Standard Radiochemotherapy \square Cetuximab in Cervical Cancer Patients. <i>Clinical Cancer Research</i> , 2015 , 21, 2530-7	12.9	43
225	BRCAness, SLFN11, and RB1 loss predict response to topoisomerase I inhibitors in triple-negative breast cancers. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	43
224	Expression analysis of mitotic spindle checkpoint genes in breast carcinoma: role of NDC80/HEC1 in early breast tumorigenicity, and a two-gene signature for aneuploidy. <i>Molecular Cancer</i> , 2011 , 10, 23	42.1	43
223	Cross-validation study for epidermal growth factor receptor and KRAS mutation detection in 74 blinded non-small cell lung carcinoma samples: a total of 5550 exons sequenced by 15 molecular French laboratories (evaluation of the EGFR mutation status for the administration of EGFR-TKIs in non-small cell lung carcinoma [ERMETIC] project—part 1). <i>Journal of Thoracic Oncology</i> , 2011 , 6, 1006-15	8.9	43
222	High tumoral levels of Kiss1 and G-protein-coupled receptor 54 expression are correlated with poor prognosis of estrogen receptor-positive breast tumors. <i>Endocrine-Related Cancer</i> , 2007 , 14, 691-702	5.7	43
221	MiR-190b, the highest up-regulated miRNA in ER \square -positive compared to ER \square -negative breast tumors, a new biomarker in breast cancers?. <i>BMC Cancer</i> , 2015 , 15, 499	4.8	42
220	Nonredundant functions for tumor protein D52-like proteins support specific targeting of TPD52. <i>Clinical Cancer Research</i> , 2008 , 14, 5050-60	12.9	42
219	Exploring the distinctive biological characteristics of pilocytic and low-grade diffuse astrocytomas using microarray gene expression profiles. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 794-807	3.1	42
218	Aryl hydrocarbon receptor-dependent enrichment of a megakaryocytic precursor with a high potential to produce proplatelets. <i>Blood</i> , 2016 , 127, 2231-40	2.2	42
217	SISH/CISH or qPCR as alternative techniques to FISH for determination of HER2 amplification status on breast tumors core needle biopsies: a multicenter experience based on 840 cases. <i>BMC Cancer</i> , 2013 , 13, 351	4.8	41
216	Inhibition of PI3K pathway increases immune infiltrate in muscle-invasive bladder cancer. <i>Oncolmmunology</i> , 2019 , 8, e1581556	7.2	40
215	Acquired resistance to endocrine treatments is associated with tumor-specific molecular changes in patient-derived luminal breast cancer xenografts. <i>Clinical Cancer Research</i> , 2014 , 20, 4314-25	12.9	40
214	Thrombin bound to a fibrin clot confers angiogenic and haemostatic properties on endothelial progenitor cells. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 975-86	5.6	40
213	Prognostic Impact of Residual HPV ctDNA Detection after Chemoradiotherapy for Anal Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2018 , 24, 5767-5771	12.9	38
212	Epithelial-to-mesenchymal transition and acquired resistance to sunitinib in a patient with hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2011 , 54, 1073-8	13.4	38

211	Loss of heterozygosity of the L-myc oncogene in human breast tumors. <i>Human Genetics</i> , 1990 , 85, 101-56.3	38
210	Alterations in the balance of tubulin glycylation and glutamylation in photoreceptors leads to retinal degeneration. <i>Journal of Cell Science</i> , 2017 , 130, 938-949	5.3 37
209	The activation of the WNT signaling pathway is a Hallmark in neurofibromatosis type 1 tumorigenesis. <i>Clinical Cancer Research</i> , 2014 , 20, 358-71	12.9 37
208	Inhibiting aurora kinases reduces tumor growth and suppresses tumor recurrence after chemotherapy in patient-derived triple-negative breast cancer xenografts. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 2693-703	6.1 37
207	Baseline Eatenin, programmed death-ligand 1 expression and tumour-infiltrating lymphocytes predict response and poor prognosis in BRAF inhibitor-treated melanoma patients. <i>European Journal of Cancer</i> , 2017 , 78, 70-81	7.5 36
206	ATM has a major role in the double-strand break repair pathway dysregulation in sporadic breast carcinomas and is an independent prognostic marker at both mRNA and protein levels. <i>British Journal of Cancer</i> , 2015 , 112, 1059-66	8.7 36
205	A short-term colorectal cancer sphere culture as a relevant tool for human cancer biology investigation. <i>British Journal of Cancer</i> , 2013 , 108, 1720-31	8.7 36
204	Large-scale real-time reverse transcription-PCR approach of angiogenic pathways in human transitional cell carcinoma of the bladder: identification of VEGFA as a major independent prognostic marker. <i>European Urology</i> , 2009 , 56, 678-88	10.2 36
203	MUC1 mucin gene, transcripts, and protein in adenomas and papillary carcinomas of the thyroid. <i>Thyroid</i> , 1997 , 7, 725-31	6.2 36
202	MicroRNAome profiling in benign and malignant neurofibromatosis type 1-associated nerve sheath tumors: evidences of PTEN pathway alterations in early NF1 tumorigenesis. <i>BMC Genomics</i> , 2013 , 14, 473	4.5 35
201	Identification of genes potentially involved in the increased risk of malignancy in NF1-microdeleted patients. <i>Molecular Medicine</i> , 2011 , 17, 79-87	6.2 35
200	Feasibility and clinical integration of molecular profiling for target identification in pediatric solid tumors. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26365	3 34
199	11q13 amplification in local recurrence of human primary breast cancer. <i>Genes Chromosomes and Cancer</i> , 1995 , 12, 128-33	5 34
198	Targeted next-generation sequencing identifies clinically relevant somatic mutations in a large cohort of inflammatory breast cancer. <i>Breast Cancer Research</i> , 2018 , 20, 88	8.3 33
197	Molecular profiles of neurofibromatosis type 1-associated plexiform neurofibromas: identification of a gene expression signature of poor prognosis. <i>Clinical Cancer Research</i> , 2004 , 10, 3763-71	12.9 33
196	Comprehensive clinical and molecular analyses of neuroendocrine carcinomas of the breast. <i>Modern Pathology</i> , 2018 , 31, 68-82	9.8 32
195	A gene dosage effect is responsible for high overexpression of the MUC1 gene observed in human breast tumors. <i>Cancer Genetics and Cytogenetics</i> , 1997 , 98, 75-80	32
194	Clinical Validity of HPV Circulating Tumor DNA in Advanced Anal Carcinoma: An Ancillary Study to the Epitopes-HPV02 Trial. <i>Clinical Cancer Research</i> , 2019 , 25, 2109-2115	12.9 32

193	MAP3K8/TPL-2/COT is a potential predictive marker for MEK inhibitor treatment in high-grade serous ovarian carcinomas. <i>Nature Communications</i> , 2015 , 6, 8583	17.4	31
192	Gene expression profiling of ERBB receptors and ligands in human transitional cell carcinoma of the bladder. <i>Journal of Urology</i> , 2006 , 175, 1127-32	2.5	31
191	Loss of heterozygosity at 11q23.1 and survival in breast cancer: Results of a large European study. <i>Genes Chromosomes and Cancer</i> , 1999 , 25, 212-221	5	31
190	Capecitabine Efficacy Is Correlated with TYMP and RB1 Expression in PDX Established from Triple-Negative Breast Cancers. <i>Clinical Cancer Research</i> , 2018 , 24, 2605-2615	12.9	30
189	Coronin 1C promotes triple-negative breast cancer invasiveness through regulation of MT1-MMP traffic and invadopodia function. <i>Oncogene</i> , 2018 , 37, 6425-6441	9.2	30
188	The iron chelator deferasirox synergises with chemotherapy to treat triple-negative breast cancers. <i>Journal of Pathology</i> , 2018 , 246, 103-114	9.4	30
187	Predictive factors of sensitivity to elisidepsin, a novel Kahalalide F-derived marine compound. <i>Marine Drugs</i> , 2013 , 11, 944-59	6	30
186	Mutational analysis of anal cancers demonstrates frequent PIK3CA mutations associated with poor outcome after salvage abdominoperineal resection. <i>British Journal of Cancer</i> , 2016 , 114, 1387-94	8.7	29
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