

Marco A Pierotti

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445
papers

27,101
citations

83
h-index

147
g-index

464
ext. papers

28,819
ext. citations

7.5
avg, IF

6.09
L-index

#	Paper	IF	Citations
445	Isolation and in vitro propagation of tumorigenic breast cancer cells with stem/progenitor cell properties. <i>Cancer Research</i> , 2005 , 65, 5506-11	10.1	1482
444	PTC is a novel rearranged form of the ret proto-oncogene and is frequently detected in vivo in human thyroid papillary carcinomas. <i>Cell</i> , 1990 , 60, 557-63	56.2	810
443	Lung cancer: intragenic ERBB2 kinase mutations in tumours. <i>Nature</i> , 2004 , 431, 525-6	50.4	655
442	High-risk human papillomavirus affects prognosis in patients with surgically treated oropharyngeal squamous cell carcinoma. <i>Journal of Clinical Oncology</i> , 2006 , 24, 5630-6	2.2	531
441	The FHIT gene 3p14.2 is abnormal in lung cancer. <i>Cell</i> , 1996 , 85, 17-26	56.2	495
440	Quantification of free circulating DNA as a diagnostic marker in lung cancer. <i>Journal of Clinical Oncology</i> , 2003 , 21, 3902-8	2.2	445
439	Somatic mutations of the protein kinase gene family in human lung cancer. <i>Cancer Research</i> , 2005 , 65, 7591-5	10.1	392
438	A new oncogene in human thyroid papillary carcinomas and their lymph-nodal metastases. <i>Nature</i> , 1987 , 328, 170-2	50.4	349
437	Malignant activation of a K-ras oncogene in lung carcinoma but not in normal tissue of the same patient. <i>Science</i> , 1984 , 223, 661-4	33.3	343
436	A new mutation in the KIT ATP pocket causes acquired resistance to imatinib in a gastrointestinal stromal tumor patient. <i>Gastroenterology</i> , 2004 , 127, 294-9	13.3	337
435	PI3KCA/PTEN deregulation contributes to impaired responses to cetuximab in metastatic colorectal cancer patients. <i>Annals of Oncology</i> , 2009 , 20, 84-90	10.3	327
434	Expression of angiogenesis stimulators and inhibitors in human thyroid tumors and correlation with clinical pathological features. <i>American Journal of Pathology</i> , 1999 , 155, 1967-76	5.8	325
433	Replacement of Fhit in cancer cells suppresses tumorigenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 13771-6	11.5	303
432	A screen of the complete protein kinase gene family identifies diverse patterns of somatic mutations in human breast cancer. <i>Nature Genetics</i> , 2005 , 37, 590-2	36.3	289
431	Gene p53 mutations are restricted to poorly differentiated and undifferentiated carcinomas of the thyroid gland. <i>Journal of Clinical Investigation</i> , 1993 , 91, 1753-60	15.9	274
430	Predicting prognosis using molecular profiling in estrogen receptor-positive breast cancer treated with tamoxifen. <i>BMC Genomics</i> , 2008 , 9, 239	4.5	272
429	Ret oncogene activation in human thyroid neoplasms is restricted to the papillary cancer subtype. <i>Journal of Clinical Investigation</i> , 1992 , 89, 1517-22	15.9	269

428	Induction of a proinflammatory program in normal human thyrocytes by the RET/PTC1 oncogene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14825-30	11.5	262
427	Analysis of circulating tumor DNA in plasma at diagnosis and during follow-up of lung cancer patients. <i>Cancer Research</i> , 2001 , 61, 4675-8	10.1	259
426	Molecular characterization of RET/PTC3; a novel rearranged version of the RETproto-oncogene in a human thyroid papillary carcinoma. <i>Oncogene</i> , 1994 , 9, 509-16	9.2	248
425	Molecular characterization of a thyroid tumor-specific transforming sequence formed by the fusion of ret tyrosine kinase and the regulatory subunit RI alpha of cyclic AMP-dependent protein kinase A. <i>Molecular and Cellular Biology</i> , 1993 , 13, 358-66	4.8	242
424	Association between cisplatin resistance and mutation of p53 gene and reduced bax expression in ovarian carcinoma cell systems. <i>Cancer Research</i> , 1996 , 56, 556-62	10.1	241
423	Imatinib mesylate in chordoma. <i>Cancer</i> , 2004 , 101, 2086-97	6.4	222
422	Prognostic significance of HER-2/neu expression in breast cancer and its relationship to other prognostic factors. <i>International Journal of Cancer</i> , 1991 , 49, 44-9	7.5	222
421	Alternative mutations of BRAF, RET and NTRK1 are associated with similar but distinct gene expression patterns in papillary thyroid cancer. <i>Oncogene</i> , 2004 , 23, 7436-40	9.2	219
420	Overexpression of the c-MET/HGF receptor gene in human thyroid carcinomas. <i>Oncogene</i> , 1992 , 7, 2549-53	9.3	214
419	High frequency of activation of tyrosine kinase oncogenes in human papillary thyroid carcinoma. <i>Oncogene</i> , 1989 , 4, 1457-62	9.2	207
418	MAGE-A tumor antigens target p53 transactivation function through histone deacetylase recruitment and confer resistance to chemotherapeutic agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11160-5	11.5	206
417	Loss of function effect of RET mutations causing Hirschsprung disease. <i>Nature Genetics</i> , 1995 , 10, 35-40	36.3	197
416	Policy statement on multidisciplinary cancer care. <i>European Journal of Cancer</i> , 2014 , 50, 475-80	7.5	191
415	Characterization of an inversion on the long arm of chromosome 10 juxtaposing D10S170 and RET and creating the oncogenic sequence RET/PTC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 1616-20	11.5	188
414	A comparative study of p53 gene mutations, protein accumulation, and response to cisplatin-based chemotherapy in advanced ovarian carcinoma. <i>Cancer Research</i> , 1996 , 56, 689-93	10.1	185
413	The tumor-suppressor gene FHIT is involved in the regulation of apoptosis and in cell cycle control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 8489-92	11.5	180
412	Different genetic features associated with colon and rectal carcinogenesis. <i>Clinical Cancer Research</i> , 2004 , 10, 4015-21	12.9	177
411	The DNA rearrangement that generates the TRK-T3 oncogene involves a novel gene on chromosome 3 whose product has a potential coiled-coil domain. <i>Molecular and Cellular Biology</i> , 1995 , 15, 6118-27	4.8	176

410	BRAF alterations are associated with complex mutational profiles in malignant melanoma. <i>Oncogene</i> , 2004 , 23, 5968-77	9.2	168
409	Loss of FHIT function in lung cancer and preinvasive bronchial lesions. <i>Cancer Research</i> , 1998 , 58, 5032-7	10.1	165
408	The full oncogenic activity of Ret/ptc2 depends on tyrosine 539, a docking site for phospholipase Cgamma. <i>Molecular and Cellular Biology</i> , 1996 , 16, 2151-63	4.8	164
407	TRK-T1 is a novel oncogene formed by the fusion of TPR and TRK genes in human papillary thyroid carcinomas. <i>Oncogene</i> , 1992 , 7, 237-42	9.2	164
406	Targeting metabolism for cancer treatment and prevention: metformin, an old drug with multi-faceted effects. <i>Oncogene</i> , 2013 , 32, 1475-87	9.2	163
405	Multiple approach to the exploration of genotype-phenotype correlations in familial adenomatous polyposis. <i>Journal of Clinical Oncology</i> , 2003 , 21, 1698-707	2.2	161
404	A novel zinc finger gene is fused to EWS in small round cell tumor. <i>Oncogene</i> , 2000 , 19, 3799-804	9.2	149
403	Frequent activation of ret protooncogene by fusion with a new activating gene in papillary thyroid carcinomas. <i>Cancer Research</i> , 1994 , 54, 2979-85	10.1	149
402	Cytogenetics and molecular genetics of carcinomas arising from thyroid epithelial follicular cells. <i>Genes Chromosomes and Cancer</i> , 1996 , 16, 1-14	5	141
401	MicroRNA signature of malignant mesothelioma with potential diagnostic and prognostic implications. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 312-9	5.7	140
400	Evaluation of SNPs in miR-146a, miR196a2 and miR-499 as low-penetrance alleles in German and Italian familial breast cancer cases. <i>Human Mutation</i> , 2010 , 31, E1052-7	4.7	138
399	4-Hydroxyphenyl retinamide is a highly selective activator of retinoid receptors. <i>Journal of Biological Chemistry</i> , 1996 , 271, 22441-6	5.4	136
398	Molecular and cytogenetic subgroups of oropharyngeal squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2006 , 12, 6643-51	12.9	133
397	KRAS and BRAF mutations predict primary resistance to imatinib in gastrointestinal stromal tumors. <i>Clinical Cancer Research</i> , 2012 , 18, 1769-76	12.9	131
396	Rearrangements of NTRK1 gene in papillary thyroid carcinoma. <i>Molecular and Cellular Endocrinology</i> , 2010 , 321, 44-9	4.4	130
395	Response to sunitinib malate in advanced alveolar soft part sarcoma. <i>Clinical Cancer Research</i> , 2009 , 15, 1096-104	12.9	123
394	p53 gene status and response to platinum/paclitaxel-based chemotherapy in advanced ovarian carcinoma. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3936-45	2.2	123
393	Bcl-2 protein expression in carcinomas originating from the follicular epithelium of the thyroid gland. <i>Journal of Pathology</i> , 1994 , 172, 337-42	9.4	120

392	Association between cigarette smoking and FHIT gene alterations in lung cancer. <i>Cancer Research</i> , 1997 , 57, 2121-3	10.1	120
391	Molecular and biochemical analyses of platelet-derived growth factor receptor (PDGFR) B, PDGFRA, and KIT receptors in chordomas. <i>Clinical Cancer Research</i> , 2006 , 12, 6920-8	12.9	119
390	A major susceptibility locus to murine lung carcinogenesis maps on chromosome 6. <i>Nature Genetics</i> , 1993 , 3, 132-6	36.3	119
389	Age-related activation of the tyrosine kinase receptor protooncogenes RET and NTRK1 in papillary thyroid carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 2006-2009	5.6	119
388	Distinct mdm2/p53 expression patterns in liposarcoma subgroups: implications for different pathogenetic mechanisms. <i>Journal of Pathology</i> , 1997 , 181, 14-24	9.4	117
387	RET and NTRK1 proto-oncogenes in human diseases. <i>Journal of Cellular Physiology</i> , 2003 , 195, 168-86	7	117
386	RET/NTRK1 rearrangements in thyroid gland tumors of the papillary carcinoma family: correlation with clinicopathological features. <i>Clinical Cancer Research</i> , 1998 , 4, 223-8	12.9	112
385	miRNA profiling in colorectal cancer highlights miR-1 involvement in MET-dependent proliferation. <i>Molecular Cancer Research</i> , 2012 , 10, 504-15	6.6	110
384	Age-related activation of the tyrosine kinase receptor protooncogenes RET and NTRK1 in papillary thyroid carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 2006-9	5.6	109
383	Selective activation of ras oncogenes in follicular and undifferentiated thyroid carcinomas. <i>European Journal of Cancer</i> , 1994 , 30A, 987-93	7.5	108
382	PIK3CA cancer mutations display gender and tissue specificity patterns. <i>Human Mutation</i> , 2008 , 29, 284-8	4.7	107
381	Rb and TP53 pathway alterations in sporadic and NF1-related malignant peripheral nerve sheath tumors. <i>Laboratory Investigation</i> , 2001 , 81, 833-44	5.9	107
380	Quantitative and qualitative characterization of plasma DNA identifies primary and recurrent colorectal cancer. <i>Cancer Letters</i> , 2008 , 263, 170-81	9.9	106
379	Circulating miR-378 in plasma: a reliable, haemolysis-independent biomarker for colorectal cancer. <i>British Journal of Cancer</i> , 2014 , 110, 1001-7	8.7	105
378	Limits of predictive models using microarray data for breast cancer clinical treatment outcome. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 927-30	9.7	104
377	Growth-inhibitory effect of STI571 on cells transformed by the COL1A1/PDGFB rearrangement. <i>International Journal of Cancer</i> , 2001 , 92, 354-60	7.5	103
376	Identification of Shc docking site on Ret tyrosine kinase. <i>Oncogene</i> , 1997 , 14, 773-82	9.2	102
375	The TPM3-NTRK1 rearrangement is a recurring event in colorectal carcinoma and is associated with tumor sensitivity to TRKA kinase inhibition. <i>Molecular Oncology</i> , 2014 , 8, 1495-507	7.9	101

374	Transforming activity of the chimeric sequence formed by the fusion of collagen gene COL1A1 and the platelet derived growth factor b-chain gene in dermatofibrosarcoma protuberans. <i>Oncogene</i> , 1998 , 17, 1313-9	9.2	101
373	Insular carcinoma: a distinct de novo entity among follicular carcinomas of the thyroid gland. <i>American Journal of Surgical Pathology</i> , 1997 , 21, 1466-73	6.7	99
372	Breast cancer metastases are molecularly distinct from their primary tumors. <i>Oncogene</i> , 2008 , 27, 2148-58	9.2	97
371	Role of antioxidants and intracellular free radicals in retinamide-induced cell death. <i>Carcinogenesis</i> , 1997 , 18, 943-8	4.6	94
370	TP53 mutations and pathologic complete response to neoadjuvant cisplatin and fluorouracil chemotherapy in resected oral cavity squamous cell carcinoma. <i>Journal of Clinical Oncology</i> , 2010 , 28, 761-6	2.2	92
369	Functional analyses and molecular modeling of two c-Kit mutations responsible for imatinib secondary resistance in GIST patients. <i>Oncogene</i> , 2006 , 25, 6140-6	9.2	92
368	A sequence analysis of the genomic regions involved in the rearrangements between TPM3 and NTRK1 genes producing TRK oncogenes in papillary thyroid carcinomas. <i>Genomics</i> , 1995 , 28, 15-24	4.3	92
367	Inflammation and cancer: the oncogene-driven connection. <i>Cancer Letters</i> , 2008 , 267, 262-70	9.9	91
366	miR-199a-3p displays tumor suppressor functions in papillary thyroid carcinoma. <i>Oncotarget</i> , 2014 , 5, 2513-28	3.3	91
365	Ring 22 chromosomes in dermatofibrosarcoma protuberans are low-level amplifiers of chromosome 17 and 22 sequences. <i>Cancer Research</i> , 1995 , 55, 2400-3	10.1	88
364	Prediction of TP53 status for primary cisplatin, fluorouracil, and leucovorin chemotherapy in ethmoid sinus intestinal-type adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2004 , 22, 4901-6	2.2	86
363	Multiple loci affect genetic predisposition to hepatocarcinogenesis in mice. <i>Genomics</i> , 1994 , 23, 118-24	4.3	83
362	TP53, p14ARF, p16INK4a and H-ras gene molecular analysis in intestinal-type adenocarcinoma of the nasal cavity and paranasal sinuses. <i>International Journal of Cancer</i> , 2003 , 105, 196-203	7.5	79
361	Cytogenetic abnormalities and overexpression of receptors for growth factors in normal bronchial epithelium and tumor samples of lung cancer patients. <i>Cancer Research</i> , 1991 , 51, 400-4	10.1	79
360	Molecular abnormalities in liposarcoma: role of MDM2 and CDK4-containing amplicons at 12q13-22. <i>Journal of Pathology</i> , 1998 , 185, 188-90	9.4	78
359	Grb2 binding to the different isoforms of Ret tyrosine kinase. <i>Oncogene</i> , 1998 , 17, 1079-87	9.2	77
358	The oncogenic versions of the Ret and Trk tyrosine kinases bind Shc and Grb2 adaptor proteins. <i>Oncogene</i> , 1994 , 9, 1661-8	9.2	77
357	Absence of Fhit protein in primary lung tumors and cell lines with FHIT gene abnormalities. <i>Cancer Research</i> , 1997 , 57, 5207-12	10.1	77

356	Impact of biospecimens handling on biomarker research in breast cancer. <i>BMC Cancer</i> , 2009 , 9, 409	4.8	76
355	Flow cytometric detection of the mitochondrial BCL-2 protein in normal and neoplastic human lymphoid cells. <i>Cytometry</i> , 1992 , 13, 502-9		76
354	Subcellular localization of activated leukocyte cell adhesion molecule is a molecular predictor of survival in ovarian carcinoma patients. <i>Clinical Cancer Research</i> , 2008 , 14, 1726-33	12.9	75
353	A t(10;17) translocation creates the RET/PTC2 chimeric transforming sequence in papillary thyroid carcinoma. <i>Genes Chromosomes and Cancer</i> , 1994 , 9, 244-50	5	74
352	Analysis of receptor tyrosine kinases (RTKs) and downstream pathways in chordomas. <i>Neuro-Oncology</i> , 2010 , 12, 776-89	1	73
351	Challenges in projecting clustering results across gene expression-profiling datasets. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 1715-23	9.7	73
350	Human glial cell line-derived neurotrophic factor receptor alpha 4 is the receptor for persephin and is predominantly expressed in normal and malignant thyroid medullary cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 9344-51	5.4	73
349	Molecular and biochemical analysis of RET/PTC4, a novel oncogenic rearrangement between RET and ELE1 genes, in a post-Chernobyl papillary thyroid cancer. <i>Oncogene</i> , 1996 , 13, 1093-7	9.2	73
348	Sunitinib malate and figitumumab in solitary fibrous tumor: patterns and molecular bases of tumor response. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 1286-97	6.1	72
347	trk and ret proto-oncogene expression in human neuroblastoma specimens: high frequency of trk expression in non-advanced stages. <i>International Journal of Cancer</i> , 1993 , 54, 540-5	7.5	72
346	Gene expression analysis reveals a different transcriptomic landscape in female and male breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011 , 127, 601-10	4.4	71
345	Detection of mutated BRAFV600E variant in circulating DNA of stage III-IV melanoma patients. <i>International Journal of Cancer</i> , 2007 , 120, 2439-44	7.5	70
344	Metformin transiently inhibits colorectal cancer cell proliferation as a result of either AMPK activation or increased ROS production. <i>Scientific Reports</i> , 2017 , 7, 15992	4.9	69
343	Mutations of adenomatous polyposis coli (APC) gene are uncommon in sporadic desmoid tumours. <i>British Journal of Cancer</i> , 1998 , 78, 582-7	8.7	69
342	Quantitative analysis of plasma DNA in colorectal cancer patients: a novel prognostic tool. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1075, 185-90	6.5	69
341	Gene expression profiling of advanced ovarian cancer: characterization of a molecular signature involving fibroblast growth factor 2. <i>Oncogene</i> , 2004 , 23, 8171-83	9.2	69
340	FANCM c.5791C>T nonsense mutation (rs144567652) induces exon skipping, affects DNA repair activity and is a familial breast cancer risk factor. <i>Human Molecular Genetics</i> , 2015 , 24, 5345-55	5.6	68
339	Analysis of SYT-SSX fusion transcripts and bcl-2 expression and phosphorylation status in synovial sarcoma. <i>Laboratory Investigation</i> , 2000 , 80, 805-13	5.9	68

338	The expression of MDM2/CDK4 gene product in the differential diagnosis of well differentiated liposarcoma and large deep-seated lipoma. <i>British Journal of Cancer</i> , 2000 , 82, 1271-5	8.7	68
337	A novel panel of antibodies that segregates immunocytochemically poorly differentiated carcinoma from undifferentiated carcinoma of the thyroid gland. <i>American Journal of Surgical Pathology</i> , 1994 , 18, 1054-64	6.7	68
336	Cyclooxygenase-2 and platelet-derived growth factor receptors as potential targets in treating aggressive fibromatosis. <i>Clinical Cancer Research</i> , 2007 , 13, 5034-40	12.9	67
335	Alien histocompatibility antigens on tumor cells. <i>Immunogenetics</i> , 1979 , 9, 1-23	3.2	67
334	IGFBP7: an oncosuppressor gene in thyroid carcinogenesis. <i>Oncogene</i> , 2010 , 29, 3835-44	9.2	66
333	Chromosome I rearrangements involving the genes TPR and NTRK1 produce structurally different thyroid-specific TRK oncogenes. <i>Genes Chromosomes and Cancer</i> , 1997 , 19, 112-123	5	66
332	TIMP3 regulates migration, invasion and in vivo tumorigenicity of thyroid tumor cells. <i>Oncogene</i> , 2011 , 30, 3011-23	9.2	65
331	The multiple endocrine neoplasia type 2B point mutation switches the specificity of the Ret tyrosine kinase towards cellular substrates that are susceptible to interact with Crk and Nck. <i>Oncogene</i> , 1997 , 15, 2257-65	9.2	65
330	RET is constitutively activated by novel tandem mutations that alter the active site resulting in multiple endocrine neoplasia type 2B. <i>Cancer Research</i> , 2006 , 66, 10179-87	10.1	65
329	Oncogenic rearrangements of the NTRK1/NGF receptor. <i>Cancer Letters</i> , 2006 , 232, 90-8	9.9	64
328	DHCR24 gene expression is upregulated in melanoma metastases and associated to resistance to oxidative stress-induced apoptosis. <i>International Journal of Cancer</i> , 2005 , 115, 224-30	7.5	64
327	PDGFRA, PDGFRB, EGFR, and downstream signaling activation in malignant peripheral nerve sheath tumor. <i>Neuro-Oncology</i> , 2009 , 11, 725-36	1	63
326	p15INK4b, p14ARF, and p16INK4a inactivation in sporadic and neurofibromatosis type 1-related malignant peripheral nerve sheath tumors. <i>Clinical Cancer Research</i> , 2003 , 9, 4132-8	12.9	63
325	Role of the TFG N-terminus and coiled-coil domain in the transforming activity of the thyroid TRK-T3 oncogene. <i>Oncogene</i> , 1998 , 16, 809-16	9.2	62
324	Detection of overexpressed and phosphorylated wild-type kit receptor in surgical specimens of small cell lung cancer. <i>Clinical Cancer Research</i> , 2004 , 10, 8214-9	12.9	62
323	Genetic mapping of a pulmonary adenoma resistance (Par1) in mouse. <i>Nature Genetics</i> , 1996 , 12, 455-7	36.3	62
322	The two genes generating RET/PTC3 are localized in chromosomal band 10q11.2. <i>Genes Chromosomes and Cancer</i> , 1994 , 11, 51-7	5	61
321	Targeted therapy in GIST: in silico modeling for prediction of resistance. <i>Nature Reviews Clinical Oncology</i> , 2011 , 8, 161-70	19.4	60

320	Mapping of body weight loci on mouse chromosome X. <i>Mammalian Genome</i> , 1995 , 6, 778-81	3.2	60
319	Chromosome mapping of murine susceptibility loci to liver carcinogenesis. <i>Cancer Research</i> , 1993 , 53, 209-11	10.1	59
318	Expression of ligand-activated KIT and platelet-derived growth factor receptor beta tyrosine kinase receptors in synovial sarcoma. <i>Clinical Cancer Research</i> , 2004 , 10, 938-43	12.9	57
317	Biological effects of the dual phenotypic Janus mutation of ret cosegregating with both multiple endocrine neoplasia type 2 and Hirschsprung's disease. <i>Molecular Endocrinology</i> , 2004 , 18, 1004-17		57
316	11q deletions in human colorectal carcinomas: cytogenetics and restriction fragment length polymorphism analysis. <i>Genes Chromosomes and Cancer</i> , 1993 , 6, 45-50	5	57
315	Age at menarche and menopause and breast cancer risk in the International BRCA1/2 Carrier Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 740-6	4	56
314	Involvement of chromosomes 17 and 22 in dermatofibrosarcoma protuberans. <i>Genes Chromosomes and Cancer</i> , 1995 , 13, 62-5	5	56
313	Full activation of MEN2B mutant RET by an additional MEN2A mutation or by ligand GDNF stimulation. <i>Oncogene</i> , 1998 , 16, 2295-301	9.2	55
312	Multiple molecular alterations in mouse lung tumors. <i>Molecular Carcinogenesis</i> , 1992 , 5, 155-60	5	55
311	The oncogene associated with human papillary thyroid carcinoma (PTC) is assigned to chromosome 10 q11-q12 in the same region as multiple endocrine neoplasia type 2A (MEN2A). <i>Oncogene</i> , 1989 , 4, 521-3	9.2	55
310	Overexpression of the c-MET/HGF receptor in human thyroid carcinomas derived from the follicular epithelium. <i>Journal of Endocrinological Investigation</i> , 1995 , 18, 134-9	5.2	54
309	miR-342 regulates BRCA1 expression through modulation of ID4 in breast cancer. <i>PLoS ONE</i> , 2014 , 9, e87039	3.7	54
308	miR-205 hinders the malignant interplay between prostate cancer cells and associated fibroblasts. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1045-59	8.4	53
307	c-Kit/PDGFR α gene status alterations possibly related to primary imatinib resistance in gastrointestinal stromal tumors. <i>Clinical Cancer Research</i> , 2007 , 13, 2369-77	12.9	53
306	9p21 locus analysis in high-risk gastrointestinal stromal tumors characterized for c-kit and platelet-derived growth factor receptor alpha gene alterations. <i>Cancer</i> , 2005 , 104, 159-69	6.4	53
305	N-(4-hydroxyphenyl)retinamide: a potent inducer of apoptosis in human neuroblastoma cells. <i>Journal of the National Cancer Institute</i> , 1994 , 86, 1245-7	9.7	53
304	Inhibition of transforming activity of the ret/ptc1 oncoprotein by a 2-indolinone derivative. <i>International Journal of Cancer</i> , 2000 , 85, 384-390	7.5	52
303	Rare Cancers Europe (RCE) methodological recommendations for clinical studies in rare cancers: a European consensus position paper. <i>Annals of Oncology</i> , 2015 , 26, 300-6	10.3	51

302	Axillary lymph node dissection versus no dissection in patients with T1N0 breast cancer: a randomized clinical trial (INT09/98). <i>Cancer</i> , 2014 , 120, 885-93	6.4	51
301	Metallothionein 1G acts as an oncosuppressor in papillary thyroid carcinoma. <i>Laboratory Investigation</i> , 2008 , 88, 474-81	5.9	51
300	Rearrangements of TRK proto-oncogene in papillary thyroid carcinomas. <i>Journal of Endocrinological Investigation</i> , 1995 , 18, 130-3	5.2	51
299	CDKN2A and CDK4 mutation analysis in Italian melanoma-prone families: functional characterization of a novel CDKN2A germ line mutation. <i>British Journal of Cancer</i> , 2001 , 85, 836-44	8.7	50
298	SYT-SSX fusion genes and prognosis in synovial sarcoma. <i>British Journal of Cancer</i> , 2001 , 85, 1535-9	8.7	50
297	Solitary fibrous tumors: loss of chimeric protein expression and genomic instability mark dedifferentiation. <i>Modern Pathology</i> , 2015 , 28, 1074-83	9.8	49
296	c-erbB2/neu gene and chromosome 17 analysis in breast cancer by FISH on archival cytological fine-needle aspirates. <i>British Journal of Cancer</i> , 1999 , 80, 519-25	8.7	49
295	Molecular characterization of a thyroid tumor-specific transforming sequence formed by the fusion of ret tyrosine kinase and the regulatory subunit RI alpha of cyclic AMP-dependent protein kinase A. <i>Molecular and Cellular Biology</i> , 1993 , 13, 358-366	4.8	49
294	Comparison of microarray platforms for measuring differential microRNA expression in paired normal/cancer colon tissues. <i>PLoS ONE</i> , 2012 , 7, e45105	3.7	49
293	Genetics of murine lung tumors. <i>Advances in Cancer Research</i> , 1995 , 67, 83-112	5.9	48
292	Cytogenetic studies in primary and metastatic neuroendocrine Merkel cell carcinoma. <i>Cancer Genetics and Cytogenetics</i> , 1988 , 30, 151-8		48
291	RET/PTC1-driven neoplastic transformation and proinvasive phenotype of human thyrocytes involve Met induction and beta-catenin nuclear translocation. <i>Neoplasia</i> , 2009 , 11, 10-21	6.4	47
290	PDGFRalpha, PDGFRbeta and KIT expression/activation in conventional chondrosarcoma. <i>Journal of Pathology</i> , 2006 , 208, 615-23	9.4	47
289	Induction of RET proto-oncogene expression in neuroblastoma cells precedes neuronal differentiation and is not mediated by protein synthesis. <i>Experimental Cell Research</i> , 1995 , 217, 92-9	4.2	47
288	Dissociation between cell cycle arrest and apoptosis can occur in Li-Fraumeni cells heterozygous for p53 gene mutations. <i>Oncogene</i> , 1997 , 14, 2137-47	9.2	46
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