Alfredo Fusco

List of Publications by Citations

351 papers	18,896 citations	72 h-index	120 g-index
358 ext. papers	20,323 ext. citations	6.9 avg, IF	6.13 L-index

#	Paper	IF	Citations
351	BRAF mutations in thyroid tumors are restricted to papillary carcinomas and anaplastic or poorly differentiated carcinomas arising from papillary carcinomas. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 5399-404	5.6	836
350	PTC is a novel rearranged form of the ret proto-oncogene and is frequently detected in vivo in human thyroid papillary carcinomas. *Cell*, **1990**, 60, 557-63	56.2	810
349	Cytoplasmic relocalization and inhibition of the cyclin-dependent kinase inhibitor p27(Kip1) by PKB/Akt-mediated phosphorylation in breast cancer. *Nature Medicine*, **2002**, 8, 1136-44	50.5	601
348	Roles of HMGA proteins in cancer. *Nature Reviews Cancer*, **2007**, 7, 899-910	31.3	541
347	ZD6474, an orally available inhibitor of KDR tyrosine kinase activity, efficiently blocks oncogenic RET kinases. *Cancer Research*, **2002**, 62, 7284-90	10.1	425
346	Regulation of thyroid cell proliferation by TSH and other factors: a critical evaluation of in vitro models. *Endocrine Reviews*, **2001**, 22, 631-56	27.2	355
345	MicroRNAs (miR)-221 and miR-222, both overexpressed in human thyroid papillary carcinomas, regulate p27Kip1 protein levels and cell cycle. *Endocrine-Related Cancer*, **2007**, 14, 791-8	5.7	341
344	Increased BDNF promoter methylation in the Wernicke area of suicide subjects. *Archives of General Psychiatry*, **2010**, 67, 258-67		294
343	Mutation of the PIK3CA gene in anaplastic thyroid cancer. *Cancer Research*, **2005**, 65, 10199-207	10.1	282
342	The RET receptor: function in development and dysfunction in congenital malformation. *Trends in Genetics*, **2001**, 17, 580-9	8.5	240
341	The RET/PTC-RAS-BRAF linear signaling cascade mediates the motile and mitogenic phenotype of thyroid cancer cells. *Journal of Clinical Investigation*, **2005**, 115, 1068-1081	15.9	214
340	Expression of the RET/PTC fusion gene as a marker for papillary carcinoma in Hashimoto's thyroiditis. *Laryngoscope*, **1997**, 107, 95-100	3.6	210
339	Disease associated mutations at valine 804 in the RET receptor tyrosine kinase confer resistance to selective kinase inhibitors. *Oncogene*, **2004**, 23, 6056-63	9.2	203
338	HMGA2 induces pituitary tumorigenesis by enhancing E2F1 activity. *Cancer Cell*, **2006**, 9, 459-71	24.3	199
337	Overexpression of the HMGA2 gene in transgenic mice leads to the onset of pituitary adenomas. *Oncogene*, **2002**, 21, 3190-8	9.2	181
336	Nuclear phosphoproteins HMGA and their relationship with chromatin structure and cancer. *FEBS Letters*, **2004**, 574, 1-8	3.8	172
335	Lack of the architectural factor HMGA1 causes insulin resistance and diabetes in humans and mice. *Nature Medicine*, **2005**, 11, 765-73	50.5	172

334	Aurora B overexpression associates with the thyroid carcinoma undifferentiated phenotype and is required for thyroid carcinoma cell proliferation. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 928-35	5.6	160
333	RET/PTC activation in papillary thyroid carcinoma: European Journal of Endocrinology Prize Lecture. *European Journal of Endocrinology*, **2006**, 155, 645-53	6.5	154
332	Expression of the neoplastic phenotype by human thyroid carcinoma cell lines requires NFkappaB p65 protein expression. *Oncogene*, **1997**, 15, 1987-94	9.2	153
331	RET/papillary thyroid cancer rearrangement in nonneoplastic thyrocytes: follicular cells of Hashimoto's thyroiditis share low-level recombination events with a subset of papillary carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 2414-23	5.6	151
330	A cell proliferation and chromosomal instability signature in anaplastic thyroid carcinoma. *Cancer Research*, **2007**, 67, 10148-58	10.1	144
329	DNA damage, homology-directed repair, and DNA methylation. *PLoS Genetics*, **2007**, 3, e110	6	138
328	Minireview: RET: normal and abnormal functions. *Endocrinology*, **2004**, 145, 5448-51	4.8	134
327	RET/PTC activation in hyalinizing trabecular tumors of the thyroid. *American Journal of Surgical Pathology*, **2000**, 24, 1615-21	6.7	128
326	Transgenic mice overexpressing the wild-type form of the HMGA1 gene develop mixed growth hormone/prolactin cell pituitary adenomas and natural killer cell lymphomas. *Oncogene*, **2005**, 24, 3427-35	9.2	126
325	PTEN expression is reduced in a subset of sporadic thyroid carcinomas: evidence that PTEN-growth suppressing activity in thyroid cancer cells mediated by p27kip1. *Oncogene*, **2000**, 19, 3146-55	9.2	124
324	Assessment of RET/PTC oncogene activation and clonality in thyroid nodules with incomplete morphological evidence of papillary carcinoma: a search for the early precursors of papillary cancer. *American Journal of Pathology*, **2002**, 160, 2157-67	5.8	122
323	Analysis of the HMGI nuclear proteins in mouse neoplastic cells induced by different procedures. *Experimental Cell Research*, **1989**, 184, 538-45	4.2	119
322	Inhibitory effects of peroxisome poliferator-activated receptor gamma on thyroid carcinoma cell growth. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 4728-35	5.6	118
321	Altered microRNA expression profile in human pituitary GH adenomas: down-regulation of miRNA targeting HMGA1, HMGA2, and E2F1. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E1128-38	5.6	116
320	CBX7 is a tumor suppressor in mice and humans. *Journal of Clinical Investigation*, **2012**, 122, 612-23	15.9	114
319	HMGA and cancer. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2010**, 1799, 48-54	6	113
318	Functional expression of the CXCR4 chemokine receptor is induced by RET/PTC oncogenes and is a common event in human papillary thyroid carcinomas. *Oncogene*, **2004**, 23, 5958-67	9.2	113
317	Understanding p27(kip1) deregulation in cancer: down-regulation or mislocalization. *Cell Cycle*, **2002**, 1, 394-400	4.7	110

316	The RET/PTC-RAS-BRAF linear signaling cascade mediates the motile and mitogenic phenotype of thyroid cancer cells. *Journal of Clinical Investigation*, **2005**, 115, 1068-81	15.9	108
315	Molecular mechanisms of RET activation in human cancer. *Annals of the New York Academy of Sciences*, **2002**, 963, 116-21	6.5	107
314	Efficient inhibition of RET/papillary thyroid carcinoma oncogenic kinases by 4-amino-5-(4-chloro-phenyl)-7-(t-butyl)pyrazolo[3,4-d]pyrimidine (PP2). *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 1897-902	5.6	106
313	Description of a human papillary thyroid carcinoma cell line. Morphologic study and expression of tumoral markers. *Cancer*, **1994**, 73, 2206-12	6.4	106
312	Signalling of the Ret receptor tyrosine kinase through the c-Jun NH2-terminal protein kinases (JNKS): evidence for a divergence of the ERKs and JNKs pathways induced by Ret. *Oncogene*, **1998**, 16, 2435-45	9.2	105
311	Negative regulation of BRCA1 gene expression by HMGA1 proteins accounts for the reduced BRCA1 protein levels in sporadic breast carcinoma. *Molecular and Cellular Biology*, **2003**, 23, 2225-38	4.8	104
310	Truncated and chimeric HMGI-C genes induce neoplastic transformation of NIH3T3 murine fibroblasts. *Oncogene*, **1998**, 17, 413-8	9.2	103
309	Familial cancer associated with a polymorphism in ARLTS1. *New England Journal of Medicine*, **2005**, 352, 1667-76	59.2	101
308	Overexpressed cyclin D3 contributes to retaining the growth inhibitor p27 in the cytoplasm of thyroid tumor cells. *Journal of Clinical Investigation*, **1999**, 104, 865-74	15.9	99
307	HMGA proteins up-regulate CCNB2 gene in mouse and human pituitary adenomas. *Cancer Research*, **2009**, 69, 1844-50	10.1	98
306	MiR-1 is a tumor suppressor in thyroid carcinogenesis targeting CCND2, CXCR4, and SDF-1alpha. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1388-98	5.6	95
305	Rat protein tyrosine phosphatase eta suppresses the neoplastic phenotype of retrovirally transformed thyroid cells through the stabilization of p27(Kip1). *Molecular and Cellular Biology*, **2000**, 20, 9236-46	4.8	94
304	Haploinsufficiency of the Hmga1 gene causes cardiac hypertrophy and myelo-lymphoproliferative disorders in mice. *Cancer Research*, **2006**, 66, 2536-43	10.1	93
303	Loss of the tumor suppressor gene PTEN marks the transition from intratubular germ cell neoplasias (ITGCN) to invasive germ cell tumors. *Oncogene*, **2005**, 24, 1882-94	9.2	92
302	Down-regulation of the miR-25 and miR-30d contributes to the development of anaplastic thyroid carcinoma targeting the polycomb protein EZH2. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E710-8	5.6	91
301	Loss of the CBX7 gene expression correlates with a highly malignant phenotype in thyroid cancer. *Cancer Research*, **2008**, 68, 6770-8	10.1	91
300	Potent mitogenicity of the RET/PTC3 oncogene correlates with its prevalence in tall-cell variant of papillary thyroid carcinoma. *American Journal of Pathology*, **2002**, 160, 247-54	5.8	89
299	Upregulation of the angiogenic factors PlGF, VEGF and their receptors (Flt-1, Flk-1/KDR) by TSH in cultured thyrocytes and in the thyroid gland of thiouracil-fed rats suggest a TSH-dependent paracrine mechanism for goiter hypervascularization. *Oncogene*, **1997**, 15, 2687-98	9.2	88

298	Dual effect on the RET receptor of MEN 2 mutations affecting specific extracytoplasmic cysteines. *Oncogene*, **1998**, 17, 2851-61	9.2	88
297	RET activation and clinicopathologic features in poorly differentiated thyroid tumors. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 370-9	5.6	87
296	Deregulation of microRNA expression in thyroid neoplasias. *Nature Reviews Endocrinology*, **2014**, 10, 88-101	15.2	86
295	High mobility group a proteins as tumor markers. *Frontiers in Medicine*, **2015**, 2, 15	4.9	85
294	HMGA1 and HMGA2 protein expression in mouse spermatogenesis. *Oncogene*, **2002**, 21, 3644-50	9.2	85
293	The kinase inhibitor PP1 blocks tumorigenesis induced by RET oncogenes. *Cancer Research*, **2002**, 62, 1077-82	10.1	85
292	Complex regulation of the cyclin-dependent kinase inhibitor p27kip1 in thyroid cancer cells by the PI3K/AKT pathway: regulation of p27kip1 expression and localization. *American Journal of Pathology*, **2005**, 166, 737-49	5.8	83
291	High mobility group I (Y) proteins bind HIPK2, a serine-threonine kinase protein which inhibits cell growth. *Oncogene*, **2001**, 20, 6132-41	9.2	81
290	The RET/PTC oncogene is frequently activated in oncocytic thyroid tumors (Hurthle cell adenomas and carcinomas), but not in oncocytic hyperplastic lesions. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 364-9	5.6	81
289	The TRK-T1 fusion protein induces neoplastic transformation of thyroid epithelium. *Oncogene*, **2000**, 19, 5729-35	9.2	81
288	High-mobility group A1 inhibits p53 by cytoplasmic relocalization of its proapoptotic activator HIPK2. *Journal of Clinical Investigation*, **2007**, 117, 693-702	15.9	80
287	POZ-, AT-hook-, and zinc finger-containing protein (PATZ) interacts with human oncogene B cell lymphoma 6 (BCL6) and is required for its negative autoregulation.. *Journal of Biological Chemistry*, **2014**, 289, 14966	5.4	78
286	Thyroid cell transformation requires the expression of the HMGA1 proteins. *Oncogene*, **2002**, 21, 2971-80	9.2	77
285	Deregulation of microRNA expression in follicular-cell-derived human thyroid carcinomas. *Endocrine-Related Cancer*, **2010**, 17, F91-104	5.7	75
284	Critical role of the HMGI(Y) proteins in adipocytic cell growth and differentiation. *Molecular and Cellular Biology*, **2001**, 21, 2485-95	4.8	75
283	Loss of the CBX7 protein expression correlates with a more aggressive phenotype in pancreatic cancer. *European Journal of Cancer*, **2010**, 46, 1438-44	7.5	73
282	Molecular profile of hyalinizing trabecular tumours of the thyroid: high prevalence of RET/PTC rearrangements and absence of B-raf and N-ras point mutations. *European Journal of Cancer*, **2005**, 41, 816-21	7.5	73
281	Functional variants of the HMGA1 gene and type 2 diabetes mellitus. *JAMA - Journal of the American Medical Association*, **2011**, 305, 903-12	27.4	72

280	Phosphorylation of high-mobility group protein A2 by Nek2 kinase during the first meiotic division in mouse spermatocytes. *Molecular Biology of the Cell*, **2004**, 15, 1224-32	3.5	72
279	High mobility group HMGI(Y) protein expression in human colorectal hyperplastic and neoplastic diseases. *International Journal of Cancer*, **2001**, 91, 147-51	7.5	72
278	Mir-23b and miR-130b expression is downregulated in pituitary adenomas. *Molecular and Cellular Endocrinology*, **2014**, 390, 1-7	4.4	70
277	The ret/ptc1 oncogene is activated in familial adenomatous polyposis-associated thyroid papillary carcinomas. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 1003-6	5.6	70
276	A miRNA signature associated with human metastatic medullary thyroid carcinoma. *Endocrine-Related Cancer*, **2013**, 20, 809-23	5.7	69
275	The beta-catenin axis integrates multiple signals downstream from RET/papillary thyroid carcinoma leading to cell proliferation. *Cancer Research*, **2009**, 69, 1867-76	10.1	69
274	Chromobox protein homologue 7 protein, with decreased expression in human carcinomas, positively regulates E-cadherin expression by interacting with the histone deacetylase 2 protein. *Cancer Research*, **2009**, 69, 7079-87	10.1	69
273	HMGA1 protein over-expression is a frequent feature of epithelial ovarian carcinomas. *Carcinogenesis*, **2003**, 24, 1191-8	4.6	69
272	A novel member of the BTB/POZ family, PATZ, associates with the RNF4 RING finger protein and acts as a transcriptional repressor. *Journal of Biological Chemistry*, **2000**, 275, 7894-901	5.4	69
271	HMGIY is the target of 6p21.3 rearrangements in various benign mesenchymal tumors. *Genes Chromosomes and Cancer*, **1998**, 23, 279-285	5	68
270	Genetic alterations in thyroid carcinoma associated with familial adenomatous polyposis: clinical implications and suggestions for early detection. *World Journal of Surgery*, **1998**, 22, 1231-6	3.3	67
269	HMGA1 and HMGA2 protein expression correlates with advanced tumour grade and lymph node metastasis in pancreatic adenocarcinoma. *Histopathology*, **2012**, 60, 397-404	7.3	66
268	HMGA1 pseudogenes as candidate proto-oncogenic competitive endogenous RNAs. *Oncotarget*, **2014**, 5, 8341-54	3.3	66
267	The loss of the CBX7 gene expression represents an adverse prognostic marker for survival of colon carcinoma patients. *European Journal of Cancer*, **2010**, 46, 2304-13	7.5	65
266	HMGA1 protein overexpression in human breast carcinomas: correlation with ErbB2 expression. *Clinical Cancer Research*, **2004**, 10, 7637-44	12.9	64
265	Identification of a New Pathway for Tumor Progression: MicroRNA-181b Up-Regulation and CBX7 Down-Regulation by HMGA1 Protein. *Genes and Cancer*, **2010**, 1, 210-24	2.9	62
264	Conditional expression of RET/PTC induces a weak oncogenic drive in thyroid PCCL3 cells and inhibits thyrotropin action at multiple levels. *Molecular Endocrinology*, **2003**, 17, 1425-36		62
263	Expression of galectin-1 in normal human thyroid gland and in differentiated and poorly differentiated thyroid tumors. *International Journal of Cancer*, **1995**, 64, 171-5	7.5	62

262	The High Mobility Group A2 gene is amplified and overexpressed in human prolactinomas. *Cancer Research*, **2002**, 62, 2398-405	10.1	62
261	TAZ/WWTR1 is overexpressed in papillary thyroid carcinoma. *European Journal of Cancer*, **2011**, 47, 926-33	7.5	60
260	Oncogenic alterations in papillary thyroid cancers of young patients. *Thyroid*, **2012**, 22, 17-26	6.2	58
259	HMGA2 mRNA expression correlates with the malignant phenotype in human thyroid neoplasias. *European Journal of Cancer*, **2008**, 44, 1015-21	7.5	58
258	HMGA1 silencing restores normal stem cell characteristics in colon cancer stem cells by increasing p53 levels. *Oncotarget*, **2014**, 5, 3234-45	3.3	58
257	The tyrosine phosphatase PTPRJ/DEP-1 genotype affects thyroid carcinogenesis. *Oncogene*, **2004**, 23, 8432-8	9.2	57
256	UbcH10 is overexpressed in malignant breast carcinomas. *European Journal of Cancer*, **2007**, 43, 2729-35	7.5	56
255	MiR-199a-5p and miR-375 affect colon cancer cell sensitivity to cetuximab by targeting PHLPP1. *Expert Opinion on Therapeutic Targets*, **2015**, 19, 1017-26	6.4	55
254	Somatostatin inhibits PC Cl3 thyroid cell proliferation through the modulation of phosphotyrosine activity. Impairment of the somatostatinergic effects by stable expression of E1A viral oncogene. *Journal of Biological Chemistry*, **1996**, 271, 6129-36	5.4	55
253	HMGA2: A pituitary tumour subtype-specific oncogene?. *Molecular and Cellular Endocrinology*, **2010**, 326, 19-24	4.4	54
252	The insulin receptor substrate (IRS)-1 recruits phosphatidylinositol 3-kinase to Ret: evidence for a competition between Shc and IRS-1 for the binding to Ret. *Oncogene*, **2001**, 20, 209-18	9.2	54
251	Enhancer of zeste homolog 2 overexpression has a role in the development of anaplastic thyroid carcinomas. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1029-38	5.6	53
250	Loss of Hmga1 gene function affects embryonic stem cell lympho-hematopoietic differentiation. *FASEB Journal*, **2003**, 17, 1496-8	0.9	53
249	Cloning and molecular characterization of a novel gene strongly induced by the adenovirus E1A gene in rat thyroid cells. *Oncogene*, **2003**, 22, 1087-97	9.2	53
248	Tyrosines 1015 and 1062 are in vivo autophosphorylation sites in ret and ret-derived oncoproteins. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 3898-907	5.6	53
247	Restoration of receptor-type protein tyrosine phosphatase eta function inhibits human pancreatic carcinoma cell growth in vitro and in vivo. *Carcinogenesis*, **2004**, 25, 2107-14	4.6	52
246	Regulation of BRCA1 transcription by specific single-stranded DNA binding factors. *Molecular and Cellular Biology*, **2003**, 23, 3774-87	4.8	52
245	Reduced E-cadherin expression contributes to the loss of p27kip1-mediated mechanism of contact inhibition in thyroid anaplastic carcinomas. *Carcinogenesis*, **2005**, 26, 1021-34	4.6	52

244	Comparison of multiple forms of the high mobility group I proteins in rodent and human cells. Identification of the human high mobility group I-C protein. *FEBS Journal*, **1991**, 198, 211-6		52
243	The RFG oligomerization domain mediates kinase activation and re-localization of the RET/PTC3 oncoprotein to the plasma membrane. *Oncogene*, **2001**, 20, 599-608	9.2	51
242	High-mobility group A1 proteins regulate p53-mediated transcription of Bcl-2 gene. *Cancer Research*, **2010**, 70, 5379-88	10.1	50
241	Thyroid cell transformation inhibits the expression of a novel rat protein tyrosine phosphatase. *Experimental Cell Research*, **1997**, 235, 62-70	4.2	50
240	TACC3 mediates the association of MBD2 with histone acetyltransferases and relieves transcriptional repression of methylated promoters. *Nucleic Acids Research*, **2006**, 34, 364-72	20.1	49
239	siRNA nanoformulation against the ret/PTC1 junction oncogene is efficient in an in vivo model of papillary thyroid carcinoma. *Nucleic Acids Research*, **2008**, 36, e2	20.1	49
238	miR-191 down-regulation plays a role in thyroid follicular tumors through CDK6 targeting. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1915-24	5.6	48
237	Increase in AP-1 activity is a general event in thyroid cell transformation in vitro and in vivo. *Oncogene*, **1998**, 17, 377-85	9.2	48
236	The expression of the phosphotyrosine phosphatase DEP-1/PTPeta dictates the responsivity of glioma cells to somatostatin inhibition of cell proliferation. *Journal of Biological Chemistry*, **2004**, 279, 29004-12	5.4	48
235	Akt-Dependent T198 Phosphorylation of Cyclin-Dependent Kinase Inhibitor p27kip1 in Breast Cancer. *Cell Cycle*, **2004**, 3, 1072-1078	4.7	48
234	The rat tyrosine phosphatase eta increases cell adhesion by activating c-Src through dephosphorylation of its inhibitory phosphotyrosine residue. *Oncogene*, **2005**, 24, 3187-95	9.2	48
233	HIPK2 controls cytokinesis and prevents tetraploidization by phosphorylating histone H2B at the midbody. *Molecular Cell*, **2012**, 47, 87-98	17.6	47
232	The activation of the phosphotyrosine phosphatase eta (r-PTP eta) is responsible for the somatostatin inhibition of PC Cl3 thyroid cell proliferation. *Molecular Endocrinology*, **2001**, 15, 1838-52		47
231	RNF4 is a growth inhibitor expressed in germ cells but not in human testicular tumors. *American Journal of Pathology*, **2001**, 159, 1225-30	5.8	47
230	Genetic ablation of Ptprj, a mouse cancer susceptibility gene, results in normal growth and development and does not predispose to spontaneous tumorigenesis. *DNA and Cell Biology*, **2006**, 25, 376-82	3.6	46
229	ONYX-015, an E1B gene-defective adenovirus, induces cell death in human anaplastic thyroid carcinoma cell lines. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 2525-31	5.6	46
228	Molecular defects in thyroid carcinomas: role of the RET oncogene in thyroid neoplastic transformation. *European Journal of Endocrinology*, **1995**, 133, 513-22	6.5	46
227	HMGA1-pseudogene expression is induced in human pituitary tumors. *Cell Cycle*, **2015**, 14, 1471-5	4.7	45

226	RET/papillary thyroid carcinoma oncogenic signaling through the Rap1 small GTPase. *Cancer Research*, **2007**, 67, 381-90	10.1	45
225	Ras-mediated apoptosis of PC CL 3 rat thyroid cells induced by RET/PTC oncogenes. *Oncogene*, **2003**, 22, 246-55	9.2	45
224	Modulation of in vivo growth of thyroid tumor-derived cell lines by sense and antisense vascular endothelial growth factor gene. *Oncogene*, **1999**, 18, 4860-9	9.2	45
223	Fra-1 promotes growth and survival in RAS-transformed thyroid cells by controlling cyclin A transcription. *EMBO Journal*, **2007**, 26, 1878-90	13	44
222	An adenovirus carrying the rat protein tyrosine phosphatase eta suppresses the growth of human thyroid carcinoma cell lines in vitro and in vivo. *Cancer Research*, **2003**, 63, 882-6	10.1	44
221	RPSAP52 lncRNA is overexpressed in pituitary tumors and promotes cell proliferation by acting as miRNA sponge for HMGA proteins. *Journal of Molecular Medicine*, **2019**, 97, 1019-1032	5.5	43
220	Downregulation of miR-410 targeting the cyclin B1 gene plays a role in pituitary gonadotroph tumors. *Cell Cycle*, **2015**, 14, 2590-7	4.7	42
219	The receptor-type protein tyrosine phosphatase J antagonizes the biochemical and biological effects of RET-derived oncoproteins. *Cancer Research*, **2006**, 66, 6280-7	10.1	42
218	The homeodomain-interacting protein kinase 2 gene is expressed late in embryogenesis and preferentially in retina, muscle, and neural tissues. *Biochemical and Biophysical Research Communications*, **2002**, 290, 942-7	3.4	42
217	Key role of the cyclin-dependent kinase inhibitor p27kip1 for embryonal carcinoma cell survival and differentiation. *Oncogene*, **1999**, 18, 6241-51	9.2	42
216	Low frequency of p53 mutations in human thyroid tumours; p53 and Ras mutation in two out of fifty-six thyroid tumours. *European Journal of Endocrinology*, **1996**, 134, 177-83	6.5	41
215	Identification of the genes up- and down-regulated by the high mobility group A1 (HMGA1) proteins: tissue specificity of the HMGA1-dependent gene regulation. *Cancer Research*, **2004**, 64, 5728-35	10.1	41
214	FRA-1 protein overexpression is a feature of hyperplastic and neoplastic breast disorders. *BMC Cancer*, **2007**, 7, 17	4.8	40
213	ONYX-015 enhances radiation-induced death of human anaplastic thyroid carcinoma cells. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 5027-32	5.6	40
212	Regulation of p27Kip1 protein levels contributes to mitogenic effects of the RET/PTC kinase in thyroid carcinoma cells. *Cancer Research*, **2004**, 64, 3823-9	10.1	40
211	Hmga1/Hmga2 double knock-out mice display a "superpygmy" phenotype. *Biology Open*, **2014**, 3, 372-8	2.2	39
210	Critical role of the HMGA2 gene in pituitary adenomas. *Cell Cycle*, **2006**, 5, 2045-8	4.7	39
209	PATZ1 acts as a tumor suppressor in thyroid cancer via targeting p53-dependent genes involved in EMT and cell migration. *Oncotarget*, **2015**, 6, 5310-23	3.3	39

208	New somatic mutations and WNK1-B4GALNT3 gene fusion in papillary thyroid carcinoma. *Oncotarget*, **2015**, 6, 11242-51	3.3	39
207	miR-142-3p down-regulation contributes to thyroid follicular tumorigenesis by targeting ASH1L and MLL1. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E59-69	5.6	38
206	Autocrine stimulation by osteopontin plays a pivotal role in the expression of the mitogenic and invasive phenotype of RET/PTC-transformed thyroid cells. *Oncogene*, **2004**, 23, 2188-96	9.2	38
205	RET/PTC1 oncogene signaling in PC Cl 3 thyroid cells requires the small GTP-binding protein Rho. *Oncogene*, **2001**, 20, 6973-82	9.2	38
204	Transformation of rat thyroid epithelial cells by Kirsten murine sarcoma virus. *International Journal of Cancer*, **1981**, 28, 655-62	7.5	38
203	Down-regulation of oestrogen receptor-β associates with transcriptional co-regulator PATZ1 delocalization in human testicular seminomas. *Journal of Pathology*, **2011**, 224, 110-20	9.4	37
202	Cytokine production by a new undifferentiated human thyroid carcinoma cell line, FB-1. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 4094-100	5.6	37
201	Activator protein-2 overexpression accounts for increased insulin receptor expression in human breast cancer. *Cancer Research*, **2006**, 66, 5085-93	10.1	37
200	Establishment of a non-tumorigenic papillary thyroid cell line (FB-2) carrying the RET/PTC1 rearrangement. *International Journal of Cancer*, **2002**, 97, 608-14	7.5	37
199	Thyrotropin receptor gene expression in oncogene-transfected rat thyroid cells: correlation between transformation, loss of thyrotropin-dependent growth, and loss of thyrotropin receptor gene expression. *Biochemical and Biophysical Research Communications*, **1990**, 173, 172-8	3.4	37
198	NCOA4 transcriptional coactivator inhibits activation of DNA replication origins. *Molecular Cell*, **2014**, 55, 123-37	17.6	36
197	The high-mobility group A1-estrogen receptor β nuclear interaction is impaired in human testicular seminomas. *Journal of Cellular Physiology*, **2012**, 227, 3749-55	7	36
196	High-mobility group A1 proteins are overexpressed in human leukaemias. *Biochemical Journal*, **2003** , 372, 145-50	3.8	36
195	Lovastatin enhances the replication of the oncolytic adenovirus dl1520 and its antineoplastic activity against anaplastic thyroid carcinoma cells. *Endocrinology*, **2007**, 148, 5186-94	4.8	35
194	Translational regulation of a novel testis-specific RNF4 transcript. *Molecular Reproduction and Development*, **2003**, 66, 1-7	2.6	35
193	High-mobility group A2 gene expression is frequently induced in non-functioning pituitary adenomas (NFPAs), even in the absence of chromosome 12 polysomy. *Endocrine-Related Cancer*, **2005**, 12, 867-74	5.7	35
192	Group I p21-activated kinases regulate thyroid cancer cell migration and are overexpressed and activated in thyroid cancer invasion. *Endocrine-Related Cancer*, **2010**, 17, 989-99	5.7	34
191	The cAMP-HMGA1-RBP4 system: a novel biochemical pathway for modulating glucose homeostasis. *BMC Biology*, **2009**, 7, 24	7.3	34

190	TWIST1 plays a pleiotropic role in determining the anaplastic thyroid cancer phenotype. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E772-81	5.6	34
189	SOM230, a new somatostatin analogue, is highly effective in the therapy of growth hormone/prolactin-secreting pituitary adenomas. *Clinical Cancer Research*, **2007**, 13, 2738-44	12.9	34
188	Mitogenic effects of the up-regulation of minichromosome maintenance proteins in anaplastic thyroid carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 4703-9	5.6	34
187	Expression and alternative splicing of c-ret RNA in papillary thyroid carcinomas. *Oncogene*, **2001**, 20, 885-92	9.2	34
186	HMGA1-pseudogene overexpression contributes to cancer progression. *Cell Cycle*, **2014**, 13, 3636-9	4.7	33
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