

Pierre Hainaut

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339
papers

26,804
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83
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153
g-index

379
ext. papers

30,420
ext. citations

7
avg, IF

6.98
L-index

#	Paper	IF	Citations
339	Impact of mutant p53 functional properties on TP53 mutation patterns and tumor phenotype: lessons from recent developments in the IARC TP53 database. <i>Human Mutation</i> , 2007 , 28, 622-9	4.7	1269
338	A global view of hepatocellular carcinoma: trends, risk, prevention and management. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019 , 16, 589-604	24.2	1209
337	TP53 mutations in human cancers: origins, consequences, and clinical use. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a001008	10.2	1039
336	A susceptibility locus for lung cancer maps to nicotinic acetylcholine receptor subunit genes on 15q25. <i>Nature</i> , 2008 , 452, 633-7	50.4	1003
335	The IARC TP53 database: new online mutation analysis and recommendations to users. <i>Human Mutation</i> , 2002 , 19, 607-14	4.7	1001
334	Tobacco smoke carcinogens, DNA damage and p53 mutations in smoking-associated cancers. <i>Oncogene</i> , 2002 , 21, 7435-51	9.2	815
333	p53 and human cancer: the first ten thousand mutations. <i>Advances in Cancer Research</i> , 2000 , 77, 81-137	5.9	675
332	TP53 mutations in human cancers: functional selection and impact on cancer prognosis and outcomes. <i>Oncogene</i> , 2007 , 26, 2157-65	9.2	646
331	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
330	PRIMA-1 reactivates mutant p53 by covalent binding to the core domain. <i>Cancer Cell</i> , 2009 , 15, 376-88	24.3	385
329	IARC Database of p53 gene mutations in human tumors and cell lines: updated compilation, revised formats and new visualisation tools. <i>Nucleic Acids Research</i> , 1998 , 26, 205-13	20.1	332
328	Circulating free DNA in plasma or serum as biomarker of carcinogenesis: practical aspects and biological significance. <i>Mutation Research - Reviews in Mutation Research</i> , 2007 , 635, 105-117	7	325
327	Li-Fraumeni and related syndromes: correlation between tumor type, family structure, and TP53 genotype. <i>Cancer Research</i> , 2003 , 63, 6643-50	10.1	298
326	Association between pre-diagnostic circulating vitamin D concentration and risk of colorectal cancer in European populations: a nested case-control study. <i>BMJ, The</i> , 2010 , 340, b5500	5.9	289
325	Database of p53 gene somatic mutations in human tumors and cell lines: updated compilation and future prospects. <i>Nucleic Acids Research</i> , 1997 , 25, 151-7	20.1	273
324	Patterns of p53 G-->T transversions in lung cancers reflect the primary mutagenic signature of DNA-damage by tobacco smoke. <i>Carcinogenesis</i> , 2001 , 22, 367-74	4.6	270
323	Ectopic activation of germline and placental genes identifies aggressive metastasis-prone lung cancers. <i>Science Translational Medicine</i> , 2013 , 5, 186ra66	17.5	258

322	Computational approaches for predicting the biological effect of p53 missense mutations: a comparison of three sequence analysis based methods. <i>Nucleic Acids Research</i> , 2006 , 34, 1317-25	20.1	252
321	Identification of osteopontin as a novel marker for early hepatocellular carcinoma. <i>Hepatology</i> , 2012 , 55, 483-90	11.2	223
320	Pooled analysis of the prognostic and predictive effects of KRAS mutation status and KRAS mutation subtype in early-stage resected non-small-cell lung cancer in four trials of adjuvant chemotherapy. <i>Journal of Clinical Oncology</i> , 2013 , 31, 2173-81	2.2	214
319	DeltaN-p53, a natural isoform of p53 lacking the first transactivation domain, counteracts growth suppression by wild-type p53. <i>Oncogene</i> , 2002 , 21, 6722-8	9.2	203
318	TP53 and KRAS mutation load and types in lung cancers in relation to tobacco smoke: distinct patterns in never, former, and current smokers. <i>Cancer Research</i> , 2005 , 65, 5076-83	10.1	198
317	Hepatocellular carcinoma: from gene to public health. <i>Journal of the National Cancer Institute</i> , 1997 , 89, 1844-51	9.7	197
316	IARC p53 mutation database: a relational database to compile and analyze p53 mutations in human tumors and cell lines. International Agency for Research on Cancer. <i>Human Mutation</i> , 1999 , 14, 1-8	4.7	197
315	Metalloregulation of the tumor suppressor protein p53: zinc mediates the renaturation of p53 after exposure to metal chelators in vitro and in intact cells. <i>Oncogene</i> , 2000 , 19, 5227-36	9.2	194
314	Quantitative analysis of DNA methylation profiles in lung cancer identifies aberrant DNA methylation of specific genes and its association with gender and cancer risk factors. <i>Cancer Research</i> , 2009 , 69, 243-52	10.1	193
313	Mandated lowering of toxicants in cigarette smoke: a description of the World Health Organization TobReg proposal. <i>Tobacco Control</i> , 2008 , 17, 132-41	5.3	166
312	Genetics of lung-cancer susceptibility. <i>Lancet Oncology, The</i> , 2011 , 12, 399-408	21.7	160
311	Common dysregulation of Wnt/Frizzled receptor elements in human hepatocellular carcinoma. <i>British Journal of Cancer</i> , 2008 , 99, 143-50	8.7	160
310	Regulation of p53 by metal ions and by antioxidants: dithiocarbamate down-regulates p53 DNA-binding activity by increasing the intracellular level of copper. <i>Molecular and Cellular Biology</i> , 1997 , 17, 5699-706	4.8	159
309	Sarcomas in TP53 germline mutation carriers: a review of the IARC TP53 database. <i>Cancer</i> , 2012 , 118, 1387-96	6.4	158
308	G-quadruplex structures in TP53 intron 3: role in alternative splicing and in production of p53 mRNA isoforms. <i>Carcinogenesis</i> , 2011 , 32, 271-8	4.6	156
307	Tumor-cell-derived microvesicles as carriers of molecular information in cancer. <i>Current Opinion in Oncology</i> , 2013 , 25, 66-75	4.2	155
306	Design and cohort description of the InterAct Project: an examination of the interaction of genetic and lifestyle factors on the incidence of type 2 diabetes in the EPIC Study. <i>Diabetologia</i> , 2011 , 54, 2272-82	10.3	155
305	The Gambia Liver Cancer Study: Infection with hepatitis B and C and the risk of hepatocellular carcinoma in West Africa. <i>Hepatology</i> , 2004 , 39, 211-9	11.2	155

304	New approaches to understanding p53 gene tumor mutation spectra. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999 , 431, 199-209	3.3	154
303	Redox signalling and transition metals in the control of the p53 pathway. <i>Biochemical Pharmacology</i> , 2000 , 59, 25-33	6	149
302	Genetic steps in the development of squamous cell carcinoma of the esophagus. <i>Mutation Research - Reviews in Mutation Research</i> , 2000 , 462, 335-42	7	149
301	Biological functions of p53 isoforms through evolution: lessons from animal and cellular models. <i>Cell Death and Differentiation</i> , 2011 , 18, 1815-24	12.7	146
300	Biospecimen reporting for improved study quality (BRISQ). <i>Cancer Cytopathology</i> , 2011 , 119, 92-101	3.9	146
299	Zinc binding and redox control of p53 structure and function. <i>Antioxidants and Redox Signaling</i> , 2001 , 3, 611-23	8.4	146
298	The TP53 mutation, R337H, is associated with Li-Fraumeni and Li-Fraumeni-like syndromes in Brazilian families. <i>Cancer Letters</i> , 2007 , 245, 96-102	9.9	144
297	Ser-249 p53 mutations in plasma DNA of patients with hepatocellular carcinoma from The Gambia. <i>Journal of the National Cancer Institute</i> , 2000 , 92, 148-53	9.7	143
296	TP53 and KRAS2 mutations in plasma DNA of healthy subjects and subsequent cancer occurrence: a prospective study. <i>Cancer Research</i> , 2006 , 66, 6871-6	10.1	140
295	Cadmium induces conformational modifications of wild-type p53 and suppresses p53 response to DNA damage in cultured cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 31663-70	5.4	139
294	Genotoxic and non-genotoxic pathways of p53 induction. <i>Cancer Letters</i> , 2001 , 174, 1-15	9.9	137
293	Air pollution and risk of lung cancer in a prospective study in Europe. <i>International Journal of Cancer</i> , 2006 , 119, 169-74	7.5	136
292	249(ser) TP53 mutation in plasma DNA, hepatitis B viral infection, and risk of hepatocellular carcinoma. <i>Oncogene</i> , 2005 , 24, 5858-67	9.2	135
291	Genetic and epigenetic alterations as biomarkers for cancer detection, diagnosis and prognosis. <i>Molecular Oncology</i> , 2007 , 1, 26-41	7.9	134
290	TP53: a key gene in human cancer. <i>Biochimie</i> , 2002 , 84, 83-93	4.6	133
289	Overweight, obesity and risk of premenopausal breast cancer according to ethnicity: a systematic review and dose-response meta-analysis. <i>Obesity Reviews</i> , 2013 , 14, 665-78	10.6	132
288	Mechanical stress-induced DNA damage and rac-p38MAPK signal pathways mediate p53-dependent apoptosis in vascular smooth muscle cells. <i>FASEB Journal</i> , 2002 , 16, 1423-5	0.9	129
287	Aberrant DNA methylation distinguishes hepatocellular carcinoma associated with HBV and HCV infection and alcohol intake. <i>Journal of Hepatology</i> , 2011 , 54, 705-15	13.4	127

286	Understanding wild-type and mutant p53 activities in human cancer: new landmarks on the way to targeted therapies. <i>Cancer Gene Therapy</i> , 2011 , 18, 2-11	5.4	127
285	Recent advances in p53 research: an interdisciplinary perspective. <i>Cancer Gene Therapy</i> , 2009 , 16, 1-12	5.4	125
284	The multidisciplinary management of gastrointestinal cancer. Epidemiology of oesophagogastric cancer. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2007 , 21, 921-45	2.5	125
283	Obesity, inflammatory markers, and endometrial cancer risk: a prospective case-control study. <i>Endocrine-Related Cancer</i> , 2010 , 17, 1007-19	5.7	116
282	Somatic TP53 Mutations in the Era of Genome Sequencing. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016 , 6,	5.4	115
281	Toward a roadmap in global biobanking for health. <i>European Journal of Human Genetics</i> , 2012 , 20, 1105-13	5.3	113
280	Biospecimen reporting for improved study quality (BRISQ). <i>Journal of Proteome Research</i> , 2011 , 10, 3429-38	5.38	112
279	Cadmium in the environment: sources, mechanisms of biotoxicity, and biomarkers. <i>Reviews on Environmental Health</i> , 2000 , 15, 299-323	3.8	112
278	Integrating mutation data and structural analysis of the TP53 tumor-suppressor protein. <i>Human Mutation</i> , 2002 , 19, 149-64	4.7	110
277	Hepatitis B virus impairs TLR9 expression and function in plasmacytoid dendritic cells. <i>PLoS ONE</i> , 2011 , 6, e26315	3.7	109
276	MicroRNA expression and clinical outcomes in patients treated with adjuvant chemotherapy after complete resection of non-small cell lung carcinoma. <i>Cancer Research</i> , 2010 , 70, 8288-98	10.1	108
275	Natural variations of copper and sulfur stable isotopes in blood of hepatocellular carcinoma patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 982-5	11.5	101
274	Patterns of EGFR, HER2, TP53, and KRAS mutations of p14arf expression in non-small cell lung cancers in relation to smoking history. <i>Cancer Research</i> , 2007 , 67, 5667-72	10.1	99
273	Roles of thioredoxin reductase 1 and APE/Ref-1 in the control of basal p53 stability and activity. <i>Oncogene</i> , 2005 , 24, 3853-63	9.2	98
272	Massively regulated genes: the example of TP53. <i>Journal of Pathology</i> , 2010 , 220, 164-73	9.4	96
271	DNA adducts and lung cancer risk: a prospective study. <i>Cancer Research</i> , 2005 , 65, 8042-8	10.1	96
270	Skin human papillomavirus type 38 alters p53 functions by accumulation of deltaNp73. <i>EMBO Reports</i> , 2006 , 7, 334-40	6.5	95
269	Detailed haplotype analysis at the TP53 locus in p.R337H mutation carriers in the population of Southern Brazil: evidence for a founder effect. <i>Human Mutation</i> , 2010 , 31, 143-50	4.7	93

268	Modulation of p53 protein conformation and DNA-binding activity by intracellular chelation of zinc. <i>Molecular Carcinogenesis</i> , 1998 , 21, 205-14	5	92
267	A specific spectrum of p53 mutations in lung cancer from smokers: review of mutations compiled in the IARC p53 database. <i>Environmental Health Perspectives</i> , 1998 , 106, 385-91	8.4	92
266	The aflatoxin-induced TP53 mutation at codon 249 (R249S): biomarker of exposure, early detection and target for therapy. <i>Cancer Letters</i> , 2009 , 286, 29-37	9.9	91
265	Human papillomavirus type 16 and TP53 mutation in oral cancer: matched analysis of the IARC multicenter study. <i>Cancer Research</i> , 2004 , 64, 468-71	10.1	91
264	p53 protein variants: structural and functional similarities with p63 and p73 isoforms. <i>Oncogene</i> , 2004 , 23, 631-8	9.2	91
263	Amount of DNA in plasma and cancer risk: a prospective study. <i>International Journal of Cancer</i> , 2004 , 111, 746-9	7.5	85
262	Evaluating the arrayed primer extension resequencing assay of TP53 tumor suppressor gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 5503-8	11.5	85
261	Mutant p53 reactivation by PRIMA-1MET induces multiple signaling pathways converging on apoptosis. <i>Oncogene</i> , 2010 , 29, 1329-38	9.2	84
260	Hepatocellular carcinoma and polymorphisms in carcinogen-metabolizing and DNA repair enzymes in a population with aflatoxin exposure and hepatitis B virus endemicity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 373-9	4	84
259	Biospecimen Reporting for Improved Study Quality. <i>Biopreservation and Biobanking</i> , 2011 , 9, 57-70	2.1	83
258	Tumor protein 53 mutations and inherited cancer: beyond Li-Fraumeni syndrome. <i>Current Opinion in Oncology</i> , 2010 , 22, 64-9	4.2	83
257	TP53 mutation spectra and load: a tool for generating hypotheses on the etiology of cancer. <i>Iarc (International Agency for Research on Cancer) Scientific Publications</i> , 2004 , 247-70		82
256	Ser-249TP53 mutation in tumour and plasma DNA of hepatocellular carcinoma patients from a high incidence area in the Gambia, West Africa. <i>International Journal of Cancer</i> , 2004 , 110, 374-9	7.5	79
255	Detection of R337H, a germline TP53 mutation predisposing to multiple cancers, in asymptomatic women participating in a breast cancer screening program in Southern Brazil. <i>Cancer Letters</i> , 2008 , 261, 21-5	9.9	78
254	PD-L1 protein expression assessed by immunohistochemistry is neither prognostic nor predictive of benefit from adjuvant chemotherapy in resected non-small cell lung cancer. <i>Annals of Oncology</i> , 2017 , 28, 882-889	10.3	77
253	Revisiting tumor patterns and penetrance in germline TP53 mutation carriers: temporal phases of Li-Fraumeni syndrome. <i>Current Opinion in Oncology</i> , 2018 , 30, 23-29	4.2	73
252	Biomarkers Predict p53 Gene Therapy Efficacy in Recurrent Squamous Cell Carcinoma of the Head and Neck. <i>Clinical Cancer Research</i> , 2009 , 15, 7719-7725	12.9	73
251	Prognostic value of TP53, KRAS and EGFR mutations in nonsmall cell lung cancer: the EUELC cohort. <i>European Respiratory Journal</i> , 2012 , 40, 177-84	13.6	73

250	Hepatitis B viral load and risk for liver cirrhosis and hepatocellular carcinoma in The Gambia, West Africa. <i>Journal of Viral Hepatitis</i> , 2010 , 17, 115-22	3.4	71
249	Mutant p53 targeting by the low molecular weight compound STIMA-1. <i>Molecular Oncology</i> , 2008 , 2, 70-80	7.9	71
248	TP53 mutations in squamous-cell carcinomas of the conjunctiva: evidence for UV-induced mutagenesis. <i>Mutagenesis</i> , 2004 , 19, 399-401	2.8	71
247	BTG gene expression in the p53-dependent and -independent cellular response to DNA damage 2000 , 27, 57-64		71
246	The tumor suppressor protein p53. <i>Current Opinion in Oncology</i> , 1995 , 7, 76-82	4.2	70
245	Properties of the six isoforms of p63: p53-like regulation in response to genotoxic stress and cross talk with DeltaNp73. <i>Carcinogenesis</i> , 2008 , 29, 273-81	4.6	69
244	Cross-talks between cyclooxygenase-2 and tumor suppressor protein p53: Balancing life and death during inflammatory stress and carcinogenesis. <i>International Journal of Cancer</i> , 2007 , 121, 929-37	7.5	67
243	Dual function of MyD88 in RAS signaling and inflammation, leading to mouse and human cell transformation. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3663-7	15.9	67
242	Role of obesity in the risk of breast cancer: lessons from anthropometry. <i>Journal of Oncology</i> , 2013 , 2013, 906495	4.5	66
241	Polycyclic aromatic hydrocarbon exposure in oesophageal tissue and risk of oesophageal squamous cell carcinoma in north-eastern Iran. <i>Gut</i> , 2010 , 59, 1178-83	19.2	66
240	The role of the pathologist in tissue banking: European Consensus Expert Group Report. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010 , 456, 449-54	5.1	65
239	Restoration of wild-type conformation and activity of a temperature-sensitive mutant of p53 (p53(V272M)) by the cytoprotective aminothiols WR1065 in the esophageal cancer cell line TE-1. <i>Molecular Carcinogenesis</i> , 2002 , 33, 181-8	5	65
238	Nitric oxide nitrates tyrosine residues of tumor-suppressor p53 protein in MCF-7 cells. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 267, 609-13	3.4	65
237	In vitro recapitulating of TP53 mutagenesis in hepatocellular carcinoma associated with dietary aflatoxin B1 exposure. <i>Gastroenterology</i> , 2009 , 137, 1127-37, 1137.e1-5	13.3	63
236	On the origin of G → T transversions in lung cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003 , 526, 39-43	3.3	63
235	Pooled Analysis of the Prognostic and Predictive Effects of TP53 Comutation Status Combined With KRAS or EGFR Mutation in Early-Stage Resected Non-Small-Cell Lung Cancer in Four Trials of Adjuvant Chemotherapy. <i>Journal of Clinical Oncology</i> , 2017 , 35, 2018-2027	2.2	61
234	Physical activity reduces the risk of incident type 2 diabetes in general and in abdominally lean and obese men and women: the EPIC-InterAct Study. <i>Diabetologia</i> , 2012 , 55, 1944-52	10.3	61
233	p16 expression in Barrett's esophagus and esophageal adenocarcinoma: association with genetic and epigenetic alterations. <i>Cancer Letters</i> , 2005 , 217, 221-30	9.9	61

232	Long-term protection against HBV chronic carriage of Gambian adolescents vaccinated in infancy and immune response in HBV booster trial in adolescence. <i>PLoS ONE</i> , 2007 , 2, e753	3.7	61
231	Worldwide genetic diversity of HBV genotypes and risk of hepatocellular carcinoma. <i>Cancer Letters</i> , 2009 , 286, 80-8	9.9	60
230	Aberrant DNA methylation links cancer susceptibility locus 15q25.1 to apoptotic regulation and lung cancer. <i>Cancer Research</i> , 2010 , 70, 2779-88	10.1	59
229	KRAS mutation status in primary nonsmall cell lung cancer and matched metastases. <i>Cancer</i> , 2010 , 116, 2682-7	6.4	59
228	Inactivation of the p53 protein in cell lines derived from human esophageal cancers. <i>International Journal of Cancer</i> , 1997 , 71, 79-87	7.5	58
227	The cytoprotective aminothioliol WR1065 activates p21waf-1 and down regulates cell cycle progression through a p53-dependent pathway. <i>Oncogene</i> , 2000 , 19, 1206-14	9.2	58
226	Prognostic and Predictive Effect of TP53 Mutations in Patients with Non-Small Cell Lung Cancer from Adjuvant Cisplatin-Based Therapy Randomized Trials: A LACE-Bio Pooled Analysis. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 850-61	8.9	57
225	TP53 PIN3 and MDM2 SNP309 polymorphisms as genetic modifiers in the Li-Fraumeni syndrome: impact on age at first diagnosis. <i>Journal of Medical Genetics</i> , 2009 , 46, 766-72	5.8	57
224	Aberrant DNA methylation of cancer-associated genes in gastric cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC-EURGAST). <i>Cancer Letters</i> , 2011 , 311, 85-95	9.9	56
223	30 years and a long way into p53 research. <i>Lancet Oncology</i> , 2009 , 10, 913-9	21.7	56
222	p53 isoforms - a conspiracy to kidnap p53 tumor suppressor activity?. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 391-406	10.3	55
221	Coordination of stress signals by the lysine methyltransferase SMYD2 promotes pancreatic cancer. <i>Genes and Development</i> , 2016 , 30, 772-85	12.6	54
220	Infection with hepatitis B and C viruses and risk of lymphoid malignancies in the European Prospective Investigation into Cancer and Nutrition (EPIC). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 208-14	4	54
219	20 years into the Gambia Hepatitis Intervention Study: assessment of initial hypotheses and prospects for evaluation of protective effectiveness against liver cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 3216-23	4	54
218	Insulin binding to its receptor induces a conformational change in the receptor C-terminus. <i>Biochemistry</i> , 1990 , 29, 4634-41	3.2	54
217	Distinct pattern of TP53 mutations in squamous cell carcinoma of the esophagus in Iran. <i>Oncogene</i> , 2001 , 20, 7368-74	9.2	53
216	p53 regulates the transcription of its Delta133p53 isoform through specific response elements contained within the TP53 P2 internal promoter. <i>Oncogene</i> , 2010 , 29, 2691-700	9.2	52
215	Molecular and clinical differences between adenocarcinomas of the esophagus and of the gastric cardia. <i>American Journal of Pathology</i> , 2001 , 158, 33-40	5.8	52

214	Highly prevalent TP53 mutation predisposing to many cancers in the Brazilian population: a case for newborn screening?. <i>Lancet Oncology, The</i> , 2009 , 10, 920-5	21.7	51
213	Transcriptional activation of cyclooxygenase-2 by tumor suppressor p53 requires nuclear factor-kappaB. <i>Oncogene</i> , 2006 , 25, 5708-18	9.2	51
212	TP53 and mutations in human cancer.. <i>Acta Biochimica Polonica</i> , 2003 , 50, 231-238	2	50
211	Amifostine (WR2721) restores transcriptional activity of specific p53 mutant proteins in a yeast functional assay. <i>Oncogene</i> , 2001 , 20, 3533-40	9.2	49
210	Extremely high Tp53 mutation load in esophageal squamous cell carcinoma in Golestan Province, Iran. <i>PLoS ONE</i> , 2011 , 6, e29488	3.7	48
209	Tumor necrosis factor (TNF)-[soluble TNF receptors and endometrial cancer risk: the EPIC study. <i>International Journal of Cancer</i> , 2011 , 129, 2032-7	7.5	48
208	Quantitative analysis of DNA methylation after whole bisulfite amplification of a minute amount of DNA from body fluids. <i>Epigenetics</i> , 2009 , 4, 221-30	5.7	48
207	Systems medicine disease maps: community-driven comprehensive representation of disease mechanisms. <i>Npj Systems Biology and Applications</i> , 2018 , 4, 21	5	47
206	Prognostic and predictive value of TP53 mutations in node-positive breast cancer patients treated with anthracycline- or anthracycline/taxane-based adjuvant therapy: results from the BIG 02-98 phase III trial. <i>Breast Cancer Research</i> , 2012 , 14, R70	8.3	47
205	Clinical implications of p53 tumor suppressor gene mutation and protein expression in esophageal adenocarcinomas: results of a ten-year prospective study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 1121-31	1.5	47
204	Absence of association between HPV DNA, TP53 codon 72 polymorphism, and risk of oesophageal cancer in a high-risk area of China. <i>Cancer Letters</i> , 2001 , 162, 231-5	9.9	47
203	DNA methylation of hepatitis B virus (HBV) genome associated with the development of hepatocellular carcinoma and occult HBV infection. <i>Journal of Infectious Diseases</i> , 2010 , 202, 700-4	7	46
202	TP53 mutation patterns in breast cancers: searching for clues of environmental carcinogenesis. <i>Seminars in Cancer Biology</i> , 2001 , 11, 353-60	12.7	46
201	Recommended Guidelines for Validation, Quality Control, and Reporting of Variants in Clinical Practice. <i>Cancer Research</i> , 2017 , 77, 1250-1260	10.1	45
200	Young adult survivors of childhood acute lymphoblastic leukemia show evidence of chronic inflammation and cellular aging. <i>Cancer</i> , 2017 , 123, 4207-4214	6.4	45
199	Effects of the TP53 p.R249S mutant on proliferation and clonogenic properties in human hepatocellular carcinoma cell lines: interaction with hepatitis B virus X protein. <i>Carcinogenesis</i> , 2010 , 31, 1475-82	4.6	45
198	Aflatoxin exposure and viral hepatitis in the etiology of liver cirrhosis in the Gambia, West Africa. <i>Environmental Health Perspectives</i> , 2008 , 116, 1553-7	8.4	45
197	Osteopontin and latent-TGF [binding-protein 2 as potential diagnostic markers for HBV-related hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2015 , 136, 172-81	7.5	44

196	PRIMA-1, a mutant p53 reactivator, induces apoptosis and enhances chemotherapeutic cytotoxicity in pancreatic cancer cell lines. <i>Investigational New Drugs</i> , 2014 , 32, 783-94	4.3	43
195	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
194	International efforts to develop biospecimen best practices. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 912-5	4	43
193	TP53 R249S mutations, exposure to aflatoxin, and occurrence of hepatocellular carcinoma in a cohort of chronic hepatitis B virus carriers from Qidong, China. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 1638-43	4	43
192	TP53 mutations, amplification of P63 and expression of cell cycle proteins in squamous cell carcinoma of the oesophagus from a low incidence area in Western Europe. <i>British Journal of Cancer</i> , 2001 , 85, 721-6	8.7	43
191	An apoptosis methylation prognostic signature for early lung cancer in the IFCT-0002 trial. <i>Clinical Cancer Research</i> , 2012 , 18, 2976-86	12.9	42
190	Redox control and interplay between p53 isoforms: roles in the regulation of basal p53 levels, cell fate, and senescence. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1655-67	8.4	41
189	Control of hepatocellular carcinoma through hepatitis B vaccination in areas of high endemicity: perspectives for global liver cancer prevention. <i>Cancer Letters</i> , 2009 , 286, 15-21	9.9	41
188	Curbing the liver cancer epidemic in Africa. <i>Lancet, The</i> , 2008 , 371, 367-8	4.0	41
187	Temperature sensitivity for conformation is an intrinsic property of wild-type p53. <i>British Journal of Cancer</i> , 1995 , 71, 227-31	8.7	41
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