

Bert Vogelstein

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

414
papers

216,823
citations

183
h-index

441
g-index

441
ext. papers

235,557
ext. citations

21.7
avg, IF

8.55
L-index

#	Paper	IF	Citations
414	TCR-mimic bispecific antibodies to target the HIV-1 reservoir.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2123406119	11.1	0
413	An Isogenic Cell Line Panel for Sequence-based Screening of Targeted Anti-cancer Drugs. <i>IScience</i> , 2022 , 104437	5.9	
412	Prognostic significance of postsurgery circulating tumor DNA in nonmetastatic colorectal cancer: Individual patient pooled analysis of three cohort studies. <i>International Journal of Cancer</i> , 2021 , 148, 1014-1026	7.3	25
411	Supervised mutational signatures for obesity and other tissue-specific etiological factors in cancer. <i>ELife</i> , 2021 , 10,	8.6	2
410	Targeting public neoantigens for cancer immunotherapy. <i>Nature Cancer</i> , 2021 , 2, 487-497	14.7	9
409	Detection of low-frequency DNA variants by targeted sequencing of the Watson and Crick strands. <i>Nature Biotechnology</i> , 2021 , 39, 1220-1227	43.2	7
408	Transcriptional programs of neoantigen-specific TIL in anti-PD-1-treated lung cancers. <i>Nature</i> , 2021 , 596, 126-132	47.5	28
407	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. <i>Nature Communications</i> , 2021 , 12, 5271	16.9	2
406	Association of β -Blocker Receipt With 30-Day Mortality and Risk of Intensive Care Unit Admission Among Adults Hospitalized With Influenza or Pneumonia in Denmark. <i>JAMA Network Open</i> , 2021 , 4, e2037053	10.1	2
405	Bispecific antibodies targeting mutant neoantigens. <i>Science Immunology</i> , 2021 , 6,	27.4	38
404	Targeting loss of heterozygosity for cancer-specific immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.1	13
403	TCR α -chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021 , 13,	16.9	11
402	The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality From COVID-19. <i>Frontiers in Medicine</i> , 2021 , 8, 637647	4.7	11
401	Targeting a neoantigen derived from a common mutation. <i>Science</i> , 2021 , 371,	32.2	58
400	Massively Parallel Sequencing of Esophageal Brushings Enables an Aneuploidy-Based Classification of Patients With Barrett's Esophagus. <i>Gastroenterology</i> , 2021 , 160, 2043-2054.e2	7.8	9
399	Circulating tumor DNA dynamics and recurrence risk in patients undergoing curative intent resection of colorectal cancer liver metastases: A prospective cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003620	11.3	13
398	Performance of novel non-invasive urine assay UroSEEK in cohorts of equivocal urine cytology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020 , 476, 423-429	4.9	17

397	Revisiting the tumorigenesis timeline with a data-driven generative model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 857-864	11.1	28
396	Assessing aneuploidy with repetitive element sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4858-4863	11.1	27
395	Feasibility of blood testing combined with PET-CT to screen for cancer and guide intervention. <i>Science</i> , 2020 , 369,	32.2	140
394	Circulating Tumor DNA as a Prognostic Marker in Stage III Colon Cancer-Reply. <i>JAMA Oncology</i> , 2020 , 6, 932-933	12.9	
393	Preventing cytokine storm syndrome in COVID-19 using β_1 adrenergic receptor antagonists. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3345-3347	15.3	62
392	Circulating Tumor DNA Analyses as Markers of Recurrence Risk and Benefit of Adjuvant Therapy for Stage III Colon Cancer. <i>JAMA Oncology</i> , 2019 , 5, 1710-1717	12.9	160
391	Application of Deep Learning to Pancreatic Cancer Detection: Lessons Learned From Our Initial Experience. <i>Journal of the American College of Radiology</i> , 2019 , 16, 1338-1342	3.3	36
390	An engineered antibody fragment targeting mutant β catenin via major histocompatibility complex I neoantigen presentation. <i>Journal of Biological Chemistry</i> , 2019 , 294, 19322-19334	5	8
389	The potential role of circulating tumor DNA (ctDNA) in the further investigation of colorectal cancer patients with nonspecific findings on standard investigations. <i>International Journal of Cancer</i> , 2019 , 145, 540-547	7.3	8
388	An analysis of genetic heterogeneity in untreated cancers. <i>Nature Reviews Cancer</i> , 2019 , 19, 639-650	30.2	67
387	Applications of liquid biopsies for cancer. <i>Science Translational Medicine</i> , 2019 , 11,	16.9	94
386	Direct Detection and Quantification of Neoantigens. <i>Cancer Immunology Research</i> , 2019 , 7, 1748-1754	11.9	20
385	Cell division rates decrease with age, providing a potential explanation for the age-dependent deceleration in cancer incidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20482-20488	11.1	22
384	Prognostic Potential of Circulating Tumor DNA Measurement in Postoperative Surveillance of Nonmetastatic Colorectal Cancer. <i>JAMA Oncology</i> , 2019 , 5, 1118-1123	12.9	83
383	Utility of CT Radiomics Features in Differentiation of Pancreatic Ductal Adenocarcinoma From Normal Pancreatic Tissue. <i>American Journal of Roentgenology</i> , 2019 , 213, 349-357	5.3	54
382	Incidence and distribution of UroSEEK gene panel in a multi-institutional cohort of bladder urothelial carcinoma. <i>Modern Pathology</i> , 2019 , 32, 1544-1550	9.4	26
381	A multimodality test to guide the management of patients with a pancreatic cyst. <i>Science Translational Medicine</i> , 2019 , 11,	16.9	65
380	p53: a tumor suppressor hiding in plain sight. <i>Journal of Molecular Cell Biology</i> , 2019 , 11, 536-538	6.1	5

379	Persistent mutant oncogene specific T cells in two patients benefitting from anti-PD-1 2019 , 7, 40		28
378	1124 A MULTI-MODALITY TEST TO GUIDE THE MANAGEMENT OF PATIENTS WITH PANCREATIC CYSTS. <i>Gastrointestinal Endoscopy</i> , 2019 , 89, AB143-AB144	1.4	1
377	Targeted sequencing of plasmacytoid urothelial carcinoma reveals frequent TERT promoter mutations. <i>Human Pathology</i> , 2019 , 85, 1-9	3.6	21
376	Detection of aneuploidy in patients with cancer through amplification of long interspersed nucleotide elements (LINEs). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1871-1876	11.1	30
375	Detection and localization of surgically resectable cancers with a multi-analyte blood test. <i>Science</i> , 2018 , 359, 926-930	32.2	1187
374	Deep Learning in Radiology: Now the Real Work Begins. <i>Journal of the American College of Radiology</i> , 2018 , 15, 364-367	3.3	14
373	Evaluation of liquid from the Papanicolaou test and other liquid biopsies for the detection of endometrial and ovarian cancers. <i>Science Translational Medicine</i> , 2018 , 10,	16.9	107
372	Non-invasive detection of urothelial cancer through the analysis of driver gene mutations and aneuploidy. <i>ELife</i> , 2018 , 7,	8.6	74
371	Genomic analysis identifies frequent deletions of Dystrophin in olfactory neuroblastoma. <i>Nature Communications</i> , 2018 , 9, 5410	16.9	12
370	Disruption of a self-amplifying catecholamine loop reduces cytokine release syndrome. <i>Nature</i> , 2018 , 564, 273-277	47.5	110
369	Minimal functional driver gene heterogeneity among untreated metastases. <i>Science</i> , 2018 , 361, 1033-1037	37.2	149
368	Precancerous neoplastic cells can move through the pancreatic ductal system. <i>Nature</i> , 2018 , 561, 201-205	47.5	54
367	Serial circulating tumor DNA (ctDNA) analysis as a prognostic marker and a real-time indicator of adjuvant chemotherapy (CT) efficacy in stage III colon cancer (CC).. <i>Journal of Clinical Oncology</i> , 2018 , 36, 3516-3516	2.1	11
366	Circulating tumor DNA as a prognostic biomarker in early stage pancreatic cancer.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e16206-e16206	2.1	4
365	On the slope of the regression between stem cell divisions and cancer risk, and the lack of correlation between stem cell divisions and environmental factors-associated cancer risk. <i>PLoS ONE</i> , 2017 , 12, e0175535	3.6	10
364	Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier detection of pancreatic cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10202-10207	11.1	289
363	Role of stem-cell divisions in cancer risk. <i>Nature</i> , 2017 , 548, E13-E14	47.5	28
362	Selected reaction monitoring approach for validating peptide biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13519-13524	11.1	16

361	A novel approach for selecting combination clinical markers of pathology applied to a large retrospective cohort of surgically resected pancreatic cysts. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 145-152	8.3	25
360	Identification of allosteric binding sites for PI3K oncogenic mutant specific inhibitor design. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1481-1486	3.2	14
359	Reconstructing metastatic seeding patterns of human cancers. <i>Nature Communications</i> , 2017 , 8, 14114	16.9	78
358	Limited heterogeneity of known driver gene mutations among the metastases of individual patients with pancreatic cancer. <i>Nature Genetics</i> , 2017 , 49, 358-366	35.2	220
357	Bisulfite-converted duplexes for the strand-specific detection and quantification of rare mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4733-4738	11.1	8
356	Cancer-Associated Mutations in Endometriosis without Cancer. <i>New England Journal of Medicine</i> , 2017 , 376, 1835-1848	57.2	295
355	Mismatch repair deficiency predicts response of solid tumors to PD-1 blockade. <i>Science</i> , 2017 , 357, 409-412	41.2	3253
354	Spectrum of genetic mutations in de novo PUNLMP of the urinary bladder. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017 , 471, 761-767	4.9	21
353	Stem cell divisions, somatic mutations, cancer etiology, and cancer prevention. <i>Science</i> , 2017 , 355, 1330-1334	13.34	542
352	Genetic landscape of extreme responders with anaplastic oligodendroglioma. <i>Oncotarget</i> , 2017 , 8, 35523-35536	3.35	36
351	Potential role of circulating tumor DNA (ctDNA) in the early diagnosis and post-operative management of localised pancreatic cancer.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 4101-4101	2.1	6
350	Evaluating the evaluation of cancer driver genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14330-14335	11.1	189
349	Circulating tumor DNA analysis detects minimal residual disease and predicts recurrence in patients with stage II colon cancer. <i>Science Translational Medicine</i> , 2016 , 8, 346ra92	16.9	670
348	Oncogenic PIK3CA mutations reprogram glutamine metabolism in colorectal cancer. <i>Nature Communications</i> , 2016 , 7, 11971	16.9	120
347	Genomic Sequencing Identifies ELF3 as a Driver of Ampullary Carcinoma. <i>Cancer Cell</i> , 2016 , 29, 229-40	23.1	90
346	Whole Genome Sequencing Defines the Genetic Heterogeneity of Familial Pancreatic Cancer. <i>Cancer Discovery</i> , 2016 , 6, 166-75	23.4	204
345	Whole-Genome Sequencing of Salivary Gland Adenoid Cystic Carcinoma. <i>Cancer Prevention Research</i> , 2016 , 9, 265-74	3.1	51
344	Detection of TERT promoter mutations in primary adenocarcinoma of the urinary bladder. <i>Human Pathology</i> , 2016 , 53, 8-13	3.6	26

343	High prevalence of TERT promoter mutations in primary squamous cell carcinoma of the urinary bladder. <i>Modern Pathology</i> , 2016 , 29, 511-5	9.4	28
342	Whole-Exome Sequencing Analyses of Inflammatory Bowel Disease-Associated Colorectal Cancers. <i>Gastroenterology</i> , 2016 , 150, 931-43	7.8	150
341	Deregulation of energy metabolism promotes antifibrotic effects in human hepatic stellate cells and prevents liver fibrosis in a mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 469, 463-9	3.3	18
340	Necessity Is the Mother of Invention: The Development of Digital Genomics. <i>Clinical Chemistry</i> , 2016 , 62, 1668-1669	5.3	2
339	Diagnostic potential of tumor DNA from ovarian cyst fluid. <i>ELife</i> , 2016 , 5,	8.6	25
338	High prevalence of TERT promoter mutations in micropapillary urothelial carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016 , 469, 427-34	4.9	29
337	Aristolochic Acid in the Etiology of Renal Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1600-1608	3.6	45
336	Genome-wide quantification of rare somatic mutations in normal human tissues using massively parallel sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9846-51	11.1	113
335	CEST theranostics: label-free MR imaging of anticancer drugs. <i>Oncotarget</i> , 2016 , 7, 6369-78	3.2	36
334	Programmed death-1 blockade in mismatch repair deficient colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 103-103	2.1	37
333	PD-1 blockade in mismatch repair deficient non-colorectal gastrointestinal cancers.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 195-195	2.1	30
332	A combination of molecular markers and clinical features improve the classification of pancreatic cysts. <i>Gastroenterology</i> , 2015 , 149, 1501-10	7.8	287
331	Detection of somatic mutations and HPV in the saliva and plasma of patients with head and neck squamous cell carcinomas. <i>Science Translational Medicine</i> , 2015 , 7, 293ra104	16.9	259
330	Detection of tumor-derived DNA in cerebrospinal fluid of patients with primary tumors of the brain and spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9704-9	11.1	219
329	Enrichment and Expansion with Nanoscale Artificial Antigen Presenting Cells for Adoptive Immunotherapy. <i>ACS Nano</i> , 2015 , 9, 6861-71	16.4	89
328	Mutation of the TERT promoter, switch to active chromatin, and monoallelic TERT expression in multiple cancers. <i>Genes and Development</i> , 2015 , 29, 2219-24	12.1	112
327	Widespread somatic L1 retrotransposition occurs early during gastrointestinal cancer evolution. <i>Genome Research</i> , 2015 , 25, 1536-45	9.4	93
326	A spatial model predicts that dispersal and cell turnover limit intratumour heterogeneity. <i>Nature</i> , 2015 , 525, 261-4	47.5	321

325	Lavage of the Uterine Cavity for Molecular Detection of Müllerian Duct Carcinomas: A Proof-of-Concept Study. <i>Journal of Clinical Oncology</i> , 2015 , 33, 4293-300	2.1	57
324	The Path to Cancer --Three Strikes and You're Out. <i>New England Journal of Medicine</i> , 2015 , 373, 1895-8	57.2	194
323	Only three driver gene mutations are required for the development of lung and colorectal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 118-23	11.1	243
322	Intraductal papillary mucinous neoplasm in a neonate with congenital hyperinsulinism and a de novo germline SKIL gene mutation. <i>Pancreatology</i> , 2015 , 15, 194-6	2.1	5
321	The vigorous immune microenvironment of microsatellite instable colon cancer is balanced by multiple counter-inhibitory checkpoints. <i>Cancer Discovery</i> , 2015 , 5, 43-51	23.4	882
320	PD-1 Blockade in Tumors with Mismatch-Repair Deficiency. <i>New England Journal of Medicine</i> , 2015 , 372, 2509-20	57.2	5537
319	Cancer etiology. Variation in cancer risk among tissues can be explained by the number of stem cell divisions. <i>Science</i> , 2015 , 347, 78-81	32.2	1157
318	Familial and sporadic pancreatic cancer share the same molecular pathogenesis. <i>Familial Cancer</i> , 2015 , 14, 95-103	2.9	42
317	Cancer risk: role of environmental response. <i>Science</i> , 2015 , 347, 729-31	32.2	53
316	Very Long-term Survival Following Resection for Pancreatic Cancer Is Not Explained by Commonly Mutated Genes: Results of Whole-Exome Sequencing Analysis. <i>Clinical Cancer Research</i> , 2015 , 21, 1944-50	12.3	60
315	Generation of MANAbodies specific to HLA-restricted epitopes encoded by somatically mutated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9967-72	11.1	26
314	<i>Clostridium novyi</i> -NT can cause regression of orthotopically implanted glioblastomas in rats. <i>Oncotarget</i> , 2015 , 6, 5536-46	3.2	45
313	PD-1 blockade in tumors with mismatch repair deficiency.. <i>Journal of Clinical Oncology</i> , 2015 , 33, LBA1002-LBA100		
312	PD-1 blockade in tumors with mismatch repair deficiency.. <i>Journal of Clinical Oncology</i> , 2015 , 33, LBA1002-LBA100		
311	Circulating tumor DNA (ctDNA) in nonmetastatic colorectal cancer (CRC): Potential role as a screening tool.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 518-518	2.1	5
310	Remote loading of preencapsulated drugs into stealth liposomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2283-8	11.1	75
309	Exomic analysis of myxoid liposarcomas, synovial sarcomas, and osteosarcomas. <i>Genes Chromosomes and Cancer</i> , 2014 , 53, 15-24	4.7	80
308	Eradication of metastatic mouse cancers resistant to immune checkpoint blockade by suppression of myeloid-derived cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 11774-9	11.1	423

307	Microbiota organization is a distinct feature of proximal colorectal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18321-6	11.1	397
306	GNAS sequencing identifies IPMN-specific mutations in a subgroup of diminutive pancreatic cysts referred to as "incipient IPMNs". <i>American Journal of Surgical Pathology</i> , 2014 , 38, 360-3	6.4	36
305	Detection of somatic TP53 mutations in tampons of patients with high-grade serous ovarian cancer. <i>Obstetrics and Gynecology</i> , 2014 , 124, 881-885	2	32
304	Intratumoral injection of <i>Clostridium novyi</i> -NT spores induces antitumor responses. <i>Science Translational Medicine</i> , 2014 , 6, 249ra111	16.9	200
303	A diaCEST MRI approach for monitoring liposomal accumulation in tumors. <i>Journal of Controlled Release</i> , 2014 , 180, 51-9	11.4	45
302	Association of the autoimmune disease scleroderma with an immunologic response to cancer. <i>Science</i> , 2014 , 343, 152-7	32.2	280
301	Systemic delivery of microencapsulated 3-bromopyruvate for the therapy of pancreatic cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 6406-17	12.3	35
300	Activation of diverse signalling pathways by oncogenic PIK3CA mutations. <i>Nature Communications</i> , 2014 , 5, 4961	16.9	53
299	Somatic mutations of SUZ12 in malignant peripheral nerve sheath tumors. <i>Nature Genetics</i> , 2014 , 46, 1170-2	35.2	183
298	The early detection of pancreatic cancer: what will it take to diagnose and treat curable pancreatic neoplasia?. <i>Cancer Research</i> , 2014 , 74, 3381-9	9.6	165
297	Structural basis of nSH2 regulation and lipid binding in PI3K. <i>Oncotarget</i> , 2014 , 5, 5198-208	3.2	36
296	Detection of circulating tumor DNA in early- and late-stage human malignancies. <i>Science Translational Medicine</i> , 2014 , 6, 224ra24	16.9	2681
295	Cancer genome landscapes. <i>Science</i> , 2013 , 339, 1546-58	32.2	5011
294	TERT promoter mutations occur early in urothelial neoplasia and are biomarkers of early disease and disease recurrence in urine. <i>Cancer Research</i> , 2013 , 73, 7162-7	9.6	170
293	A nanoparticle formulation that selectively transfects metastatic tumors in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 14717-22	11.1	54
292	Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas. <i>Nature Genetics</i> , 2013 , 45, 1470-1473	35.2	467
291	Mutational signature of aristolochic acid exposure as revealed by whole-exome sequencing. <i>Science Translational Medicine</i> , 2013 , 5, 197ra102	16.9	172
290	TERT promoter mutations occur frequently in gliomas and a subset of tumors derived from cells with low rates of self-renewal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6021-6	11.1	953

289	Evaluation of DNA from the Papanicolaou test to detect ovarian and endometrial cancers. <i>Science Translational Medicine</i> , 2013 , 5, 167ra4	16.9	209
288	Integrated genomic analyses identify ARID1A and ARID1B alterations in the childhood cancer neuroblastoma. <i>Nature Genetics</i> , 2013 , 45, 12-7	35.2	300
287	Exomic sequencing of medullary thyroid cancer reveals dominant and mutually exclusive oncogenic mutations in RET and RAS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E364-9	5.4	156
286	Limited detection of IgH gene rearrangements in plasma of patients with primary central nervous system lymphoma. <i>Journal of Neuro-Oncology</i> , 2013 , 114, 275-9	4.7	2
285	Clinicopathological correlates of activating GNAS mutations in intraductal papillary mucinous neoplasm (IPMN) of the pancreas. <i>Annals of Surgical Oncology</i> , 2013 , 20, 3802-8	3	126
284	Half or more of the somatic mutations in cancers of self-renewing tissues originate prior to tumor initiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1999-2004	11.1	292
283	Noninvasive imaging of infection after treatment with tumor-homing bacteria using Chemical Exchange Saturation Transfer (CEST) MRI. <i>Magnetic Resonance in Medicine</i> , 2013 , 70, 1690-8	4.3	32
282	Evolutionary dynamics of cancer in response to targeted combination therapy. <i>ELife</i> , 2013 , 2, e00747	8.6	399
281	Exomic sequencing of four rare central nervous system tumor types. <i>Oncotarget</i> , 2013 , 4, 572-83	3.2	57
280	Massively parallel sequencing (MPS) of circulating DNA in patients with metastatic colorectal cancer (mCRC): Prognostic significance and early changes during chemotherapy (CT).. <i>Journal of Clinical Oncology</i> , 2013 , 31, 11015-11015	2.1	1
279	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. <i>Oncotarget</i> , 2012 , 3, 709-22	3.2	446
278	Low-grade serous carcinomas of the ovary contain very few point mutations. <i>Journal of Pathology</i> , 2012 , 226, 413-20	9.1	148
277	The predictive capacity of personal genome sequencing. <i>Science Translational Medicine</i> , 2012 , 4, 133ra58	16.9	146
276	Synthesis and Pharmacological Evaluation of 4-Iminothiazolidinones for Inhibition of PI3 Kinase. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1396-1404	1.2	9
275	The molecular evolution of acquired resistance to targeted EGFR blockade in colorectal cancers. <i>Nature</i> , 2012 , 486, 537-40	47.5	1282
274	Genetically defined subsets of human pancreatic cancer show unique in vitro chemosensitivity. <i>Clinical Cancer Research</i> , 2012 , 18, 6519-30	12.3	50
273	Somatic mutations in the chromatin remodeling gene ARID1A occur in several tumor types. <i>Human Mutation</i> , 2012 , 33, 100-3	4.6	230
272	ATM mutations in patients with hereditary pancreatic cancer. <i>Cancer Discovery</i> , 2012 , 2, 41-6	23.4	358

271	Loss of ATRX, genome instability, and an altered DNA damage response are hallmarks of the alternative lengthening of telomeres pathway. <i>PLoS Genetics</i> , 2012 , 8, e1002772	5.7	376
270	Somatic mutations in CCK2R alter receptor activity that promote oncogenic phenotypes. <i>Molecular Cancer Research</i> , 2012 , 10, 739-49	6.3	13
269	Response to Comments on "The Predictive Capacity of Personal Genome Sequencing". <i>Science Translational Medicine</i> , 2012 , 4, 135lr3-135lr3	16.9	0
268	Evaluation of Clostridium novyi-NT spores in dogs with naturally occurring tumors. <i>American Journal of Veterinary Research</i> , 2012 , 73, 112-8	1.1	42
267	Comparative genomic analysis of esophageal adenocarcinoma and squamous cell carcinoma. <i>Cancer Discovery</i> , 2012 , 2, 899-905	23.4	297
266	Detection of chromosomal alterations in the circulation of cancer patients with whole-genome sequencing. <i>Science Translational Medicine</i> , 2012 , 4, 162ra154	16.9	454
265	GNAS codon 201 mutations are uncommon in intraductal papillary neoplasms of the bile duct. <i>Hpb</i> , 2012 , 14, 677-83	0.5	35
264	FAST-SeqS: a simple and efficient method for the detection of aneuploidy by massively parallel sequencing. <i>PLoS ONE</i> , 2012 , 7, e41162	3.6	46
263	Somatic mutations in the transcriptional corepressor gene BCORL1 in adult acute myelogenous leukemia. <i>Blood</i> , 2011 , 118, 5914-7	2.1	52
262	Detection and quantification of rare mutations with massively parallel sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9530-5	11.1	807
261	Exome sequencing of head and neck squamous cell carcinoma reveals inactivating mutations in NOTCH1. <i>Science</i> , 2011 , 333, 1154-7	32.2	1328
260	Thiazolidinedione-based PI3K inhibitors: an analysis of biochemical and virtual screening methods. <i>ChemMedChem</i> , 2011 , 6, 514-22	3.5	14
259	Altered telomeres in tumors with ATRX and DAXX mutations. <i>Science</i> , 2011 , 333, 425	32.2	704
258	Detection of tumor DNA at the margins of colorectal cancer liver metastasis. <i>Clinical Cancer Research</i> , 2011 , 17, 3551-7	12.3	36
257	Profiling the effects of isocitrate dehydrogenase 1 and 2 mutations on the cellular metabolome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 3270-5	11.1	340
256	Recurrent GNAS mutations define an unexpected pathway for pancreatic cyst development. <i>Science Translational Medicine</i> , 2011 , 3, 92ra66	16.9	593
255	14-3-3sigma regulates B-cell homeostasis through stabilization of FOXO1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 1555-60	11.1	31
254	Whole-exome sequencing of neoplastic cysts of the pancreas reveals recurrent mutations in components of ubiquitin-dependent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 21188-93	11.1	482

253	Mutations in CIC and FUBP1 contribute to human oligodendroglioma. <i>Science</i> , 2011 , 333, 1453-5	32.2	400
252	Mutant proteins as cancer-specific biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2444-9	11.1	136
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1	Non-invasive detection of bladder cancer through the analysis of driver gene mutations and aneuploidy	4
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