

Bert Vogelstein

List of Articles by Year in descending order

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402

PR articles

169,621

PR citations

58

167

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46

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g-index

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209

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186951

citing authors

#	ARTICLE	IF	CITATIONS
1	Taming Lynch Syndrome: The Remarkable Power of Prevention for One Family. <i>Gastroenterology</i> , 2025, 168, 195-199.	0.9	0
2	Circulating tumor DNA analysis guiding adjuvant therapy in stage II colon cancer: 5-year outcomes of the randomized DYNAMIC trial. <i>Nature Medicine</i> , 2025, 31, 1509-1518.	33.0	45
3	A Blood-Based Assay for Detection of Patients with Advanced Adenomas. <i>Cancer Research Communications</i> , 2025, 5, 621-631.	2.8	0
4	Fragmentation signatures in cancer patients resemble those of patients with vascular or autoimmune diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2025, 122, .	7.5	3
5	Minimizing and quantifying uncertainty in AI-informed decisions: Applications in medicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2025, 122, .	7.5	1
6	Machine learning to detect the SINEs of cancer. <i>Science Translational Medicine</i> , 2024, 16, .	12.5	21
7	ME3BP-7 is a targeted cytotoxic agent that rapidly kills pancreatic cancer cells expressing high levels of monocarboxylate transporter MCT1. <i>ELife</i> , 2024, 13, .	1.6	1
8	TRBC1-targeting antibody-drug conjugates for the treatment of T cell cancers. <i>Nature</i> , 2024, 628, 416-423.	37.9	39
9	Identification of nonsense-mediated decay inhibitors that alter the tumor immune landscape. <i>ELife</i> , 2024, 13, .	1.6	6
10	Preclinical studies show that Co-STARs combine the advantages of chimeric antigen and T cell receptors for the treatment of tumors with low antigen densities. <i>Science Translational Medicine</i> , 2024, 16, .	12.5	19
11	The rapid and highly parallel identification of antibodies with defined biological activities by SLISY. <i>Nature Communications</i> , 2023, 14, .	13.7	7
12	Detection of rare mutations, copy number alterations, and methylation in the same template DNA molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.5	30
13	Radiologists' Expectations of Artificial Intelligence in Pancreatic Cancer Imaging: How Good Is Good Enough?. <i>Journal of Computer Assisted Tomography</i> , 2023, 47, 845-849.	1.0	7
14	Hydrophobic interactions dominate the recognition of a KRAS G12V neoantigen. <i>Nature Communications</i> , 2023, 14, .	13.7	24
15	The Origin of Highly Elevated Cell-Free DNA in Healthy Individuals and Patients with Pancreatic, Colorectal, Lung, or Ovarian Cancer. <i>Cancer Discovery</i> , 2023, 13, 2166-2179.	25.1	121
16	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, .	7.5	19
17	An isogenic cell line panel for sequence-based screening of targeted anticancer drugs. <i>IScience</i> , 2022, 25, 104437.	3.6	10
18	Circulating Tumor DNA Analysis Guiding Adjuvant Therapy in Stage II Colon Cancer. <i>New England Journal of Medicine</i> , 2022, 386, 2261-2272.	34.6	797

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19	Classification of pancreatic cystic neoplasms using radiomic feature analysis is equivalent to an experienced academic radiologist: a step toward computer-augmented diagnostics for radiologists. <i>Abdominal Radiology</i> , 2022, 47, 4139-4150.	1.7	29
20	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.	4.3	99
21	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.	6.6	14
22	Bispecific antibodies targeting mutant RAS neoantigens. <i>Science Immunology</i> , 2021, 6, .	13.4	160
23	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, .	7.5	62
24	TCR β chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021, 13, .	12.5	53
25	The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality From COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, .	2.4	29
26	Targeting a neoantigen derived from a common TP53 mutation. <i>Science</i> , 2021, 371, .	36.2	321
27	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.	0.9	29
28	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.	8.1	159
29	Detection of low-frequency DNA variants by targeted sequencing of the Watson and Crick strands. <i>Nature Biotechnology</i> , 2021, 39, 1220-1227.	29.8	80
30	Transcriptional programs of neoantigen-specific TIL in anti-PD-1-treated lung cancers. <i>Nature</i> , 2021, 596, 126-132.	37.9	451
31	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. <i>Nature Communications</i> , 2021, 12, .	13.7	36
32	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.	7.5	55
33	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.	7.5	75
34	Feasibility of blood testing combined with PET-CT to screen for cancer and guide intervention. <i>Science</i> , 2020, 369, .	36.2	555
35	A multimodality test to guide the management of patients with a pancreatic cyst. <i>Science Translational Medicine</i> , 2019, 11, .	12.5	190
36	p53: a tumor suppressor hiding in plain sight. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 536-538.	3.5	14

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37	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.	14.4	558
38	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.	2.3	81
39	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.	2.2	22
40	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.	4.3	21
41	An analysis of genetic heterogeneity in untreated cancers. <i>Nature Reviews Cancer</i> , 2019, 19, 639-650.	60.8	192
42	Applications of liquid biopsies for cancer. <i>Science Translational Medicine</i> , 2019, 11, .	12.5	185
43	Direct Detection and Quantification of Neoantigens. <i>Cancer Immunology Research</i> , 2019, 7, 1748-1754.	4.2	63
44	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.	7.5	82
45	Prognostic Potential of Circulating Tumor DNA Measurement in Postoperative Surveillance of Nonmetastatic Colorectal Cancer. <i>JAMA Oncology</i> , 2019, 5, 1118.	14.4	195
46	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.	4.1	173
47	Incidence and distribution of UroSEEK gene panel in a multi-institutional cohort of bladder urothelial carcinoma. <i>Modern Pathology</i> , 2019, 32, 1544-1550.	4.8	60
48	Persistent mutant oncogene specific T cells in two patients benefitting from anti-PD-1. , 2019, 7, .		45
49	Targeted sequencing of plasmacytoid urothelial carcinoma reveals frequent TERT promoter mutations. <i>Human Pathology</i> , 2019, 85, 1-9.	2.3	37
50	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> , 2019, 476, 423-429.	2.9	35
51	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.	7.5	58
52	Deep Learning in Radiology: Now the Real Work Begins. <i>Journal of the American College of Radiology</i> , 2018, 15, 364-367.	2.3	19
53	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, .	12.5	222
54	Genomic analysis identifies frequent deletions of Dystrophin in olfactory neuroblastoma. <i>Nature Communications</i> , 2018, 9, .	13.7	38

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55	Disruption of a self-amplifying catecholamine loop reduces cytokine release syndrome. <i>Nature</i> , 2018, 564, 273-277.	37.9	250
56	Precancerous neoplastic cells can move through the pancreatic ductal system. <i>Nature</i> , 2018, 561, 201-205.	37.9	119
57	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.	3.5	35
58	Identification of allosteric binding sites for PI3K oncogenic mutant specific inhibitor design. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1481-1486.	2.6	32
59	Reconstructing metastatic seeding patterns of human cancers. <i>Nature Communications</i> , 2017, 8, .	13.7	135
60	Limited heterogeneity of known driver gene mutations among the metastases of individual patients with pancreatic cancer. <i>Nature Genetics</i> , 2017, 49, 358-366.	25.2	382
61	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.	7.5	16
62	Cancer-Associated Mutations in Endometriosis without Cancer. <i>New England Journal of Medicine</i> , 2017, 376, 1835-1848.	34.6	560
63	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.	2.9	34
64	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.	7.5	534
65	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.	7.5	37
66	Necessity Is the Mother of Invention: The Development of Digital Genomics. <i>Clinical Chemistry</i> , 2016, 62, 1668-1669.	1.1	2
67	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, 427-434.	2.9	42
68	Aristolochic Acid in the Etiology of Renal Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 1600-1608.	1.1	78
69	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, 9846-9851.	7.5	221
70	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.	7.5	379
71	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, .	12.5	1,259
72	Oncogenic PI3CA mutations reprogram glutamine metabolism in colorectal cancer. <i>Nature Communications</i> , 2016, 7, .	13.7	258

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73	Genomic Sequencing Identifies ELF3 as a Driver of Ampullary Carcinoma. <i>Cancer Cell</i> , 2016, 29, 229-240.	33.0	166
74	Whole Genome Sequencing Defines the Genetic Heterogeneity of Familial Pancreatic Cancer. <i>Cancer Discovery</i> , 2016, 6, 166-175.	25.1	334
75	Whole-Genome Sequencing of Salivary Gland Adenoid Cystic Carcinoma. <i>Cancer Prevention Research</i> , 2016, 9, 265-274.	1.5	92
76	Detection of TERT promoter mutations in primary adenocarcinoma of the urinary bladder. <i>Human Pathology</i> , 2016, 53, 8-13.	2.3	36
77	High prevalence of TERT promoter mutations in primary squamous cell carcinoma of the urinary bladder. <i>Modern Pathology</i> , 2016, 29, 511-515.	4.8	38
78	Whole-Exome Sequencing Analyses of Inflammatory Bowel Disease-Associated Colorectal Cancers. <i>Gastroenterology</i> , 2016, 150, 931-943.	0.9	253
79	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, 463-469.	2.1	35
80	PD-1 Blockade in Tumors with Mismatch-Repair Deficiency. <i>New England Journal of Medicine</i> , 2015, 372, 2509-2520.	34.6	8,849
81	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, 1944-1950.	6.8	92
82	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, 9967-9972.	7.5	59
83	A Combination of Molecular Markers and Clinical Features Improve the Classification of Pancreatic Cysts. <i>Gastroenterology</i> , 2015, 149, 1501-1510.	0.9	435
84	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, .	12.5	450
85	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, 9704-9709.	7.5	397
86	Enrichment and Expansion with Nanoscale Artificial Antigen Presenting Cells for Adoptive Immunotherapy. <i>ACS Nano</i> , 2015, 9, 6861-6871.	15.3	141
87	Mutation of the TERT promoter, switch to active chromatin, and monoallelic TERT expression in multiple cancers. <i>Genes and Development</i> , 2015, 29, 2219-2224.	4.6	191
88	Widespread somatic L1 retrotransposition occurs early during gastrointestinal cancer evolution. <i>Genome Research</i> , 2015, 25, 1536-1545.	4.6	136
89	A spatial model predicts that dispersal and cell turnover limit intratumour heterogeneity. <i>Nature</i> , 2015, 525, 261-264.	37.9	503
90	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, 4293-4300.	16.9	107

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91	Only three driver gene mutations are required for the development of lung and colorectal cancers. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 118-123.	7.5	378
92	Intraductal papillary mucinous neoplasm in a neonate with congenital hyperinsulinism and a de novo germline SKIL gene mutation. Pancreatology, 2015, 15, 194-196.	0.7	9
93	The Vigorous Immune Microenvironment of Microsatellite Instable Colon Cancer Is Balanced by Multiple Counter-Inhibitory Checkpoints. Cancer Discovery, 2015, 5, 43-51.	25.1	1,374
94	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. Head and Neck, 2015, 37, 1642-1649.	2.0	74
95	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. Science Translational Medicine, 2014, 6, .	12.5	4,369
96	Remote loading of preencapsulated drugs into stealth liposomes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2283-2288.	7.5	131
97	Exomic analysis of myxoid liposarcomas, synovial sarcomas, and osteosarcomas. Genes Chromosomes and Cancer, 2014, 53, 15-24.	3.0	100
98	Whole-exome sequencing of pancreatic neoplasms with acinar differentiation. Journal of Pathology, 2014, 232, 428-435.	4.9	172
99	Eradication of metastatic mouse cancers resistant to immune checkpoint blockade by suppression of myeloid-derived cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11774-11779.	7.5	654
100	Microbiota organization is a distinct feature of proximal colorectal cancers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18321-18326.	7.5	661
101	GNAS Sequencing Identifies IPMN-specific Mutations in a Subgroup of Diminutive Pancreatic Cysts Referred to as "Incipient IPMNs". American Journal of Surgical Pathology, 2014, 38, 360-363.	3.5	58
102	Detection of Somatic TP53 Mutations in Tampons of Patients With High-Grade Serous Ovarian Cancer. Obstetrics and Gynecology, 2014, 124, 881-885.	1.9	51
103	Intratumoral injection of Clostridium novyi -NT spores induces antitumor responses. Science Translational Medicine, 2014, 6, .	12.5	351
104	A diaCEST MRI approach for monitoring liposomal accumulation in tumors. Journal of Controlled Release, 2014, 180, 51-59.	11.0	57
105	Association of the Autoimmune Disease Scleroderma with an Immunologic Response to Cancer. Science, 2014, 343, 152-157.	36.2	404
106	Systemic Delivery of Microencapsulated 3-Bromopyruvate for the Therapy of Pancreatic Cancer. Clinical Cancer Research, 2014, 20, 6406-6417.	6.8	56
107	Activation of diverse signalling pathways by oncogenic PIK3CA mutations. Nature Communications, 2014, 5, .	13.7	84
108	Somatic mutations of SUZ12 in malignant peripheral nerve sheath tumors. Nature Genetics, 2014, 46, 1170-1172.	25.2	284

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109	The Early Detection of Pancreatic Cancer: What Will It Take to Diagnose and Treat Curable Pancreatic Neoplasia?. <i>Cancer Research</i> , 2014, 74, 3381-3389.	3.8	234
110	Familial and sporadic pancreatic cancer share the same molecular pathogenesis. <i>Familial Cancer</i> , 2014, 14, 95-103.	1.4	59
111	Limited detection of IgH gene rearrangements in plasma of patients with primary central nervous system lymphoma. <i>Journal of Neuro-Oncology</i> , 2013, 114, 275-279.	2.5	5
112	Clinicopathological Correlates of Activating GNAS Mutations in Intraductal Papillary Mucinous Neoplasm (IPMN) of the Pancreas. <i>Annals of Surgical Oncology</i> , 2013, 20, 3802-3808.	2.3	171
113	Cancer Genome Landscapes. <i>Science</i> , 2013, 339, 1546-1558.	36.2	7,297
114	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, 14717-14722.	7.5	68
115	Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas. <i>Nature Genetics</i> , 2013, 45, 1470-1473.	25.2	617
116	Mutational Signature of Aristolochic Acid Exposure as Revealed by Whole-Exome Sequencing. <i>Science Translational Medicine</i> , 2013, 5, .	12.5	247
117	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, 6021-6026.	7.5	1,325
118	Evaluation of DNA from the Papanicolaou Test to Detect Ovarian and Endometrial Cancers. <i>Science Translational Medicine</i> , 2013, 5, .	12.5	297
119	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-E369.	4.1	245
120	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.	7.5	374
121	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, 1690-1698.	2.8	46
122	ATM Mutations in Patients with Hereditary Pancreatic Cancer. <i>Cancer Discovery</i> , 2012, 2, 41-46.	25.1	473
123	Definition of the binding mode of a new class of phosphoinositide 3-kinase β -selective inhibitors using in vitro mutagenesis of non-conserved amino acids and kinetic analysis. <i>Biochemical Journal</i> , 2012, 444, 529-535.	3.8	27
124	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.	3.2	567
125	Somatic Mutations in CCK2R Alter Receptor Activity that Promote Oncogenic Phenotypes. <i>Molecular Cancer Research</i> , 2012, 10, 739-749.	3.1	18
126	Response to Comments on "The Predictive Capacity of Personal Genome Sequencing". <i>Science Translational Medicine</i> , 2012, 4, .	12.5	1

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127	Comparative Genomic Analysis of Esophageal Adenocarcinoma and Squamous Cell Carcinoma. <i>Cancer Discovery</i> , 2012, 2, 899-905.	25.1	360
128	Detection of Chromosomal Alterations in the Circulation of Cancer Patients with Whole-Genome Sequencing. <i>Science Translational Medicine</i> , 2012, 4, .	12.5	594
129	GNAS codon 201 mutations are uncommon in intraductal papillary neoplasms of the bile duct. <i>Hpb</i> , 2012, 14, 677-683.	0.3	51
130	Presence of Somatic Mutations in Most Early-Stage Pancreatic Intraepithelial Neoplasia. <i>Gastroenterology</i> , 2012, 142, 730-733.e9.	0.9	670
131	Low-grade serous carcinomas of the ovary contain very few point mutations. <i>Journal of Pathology</i> , 2012, 226, 413-420.	4.9	203
132	The Predictive Capacity of Personal Genome Sequencing. <i>Science Translational Medicine</i> , 2012, 4, .	12.5	173
133	Next-Generation Stool DNA Test Accurately Detects Colorectal Cancer and Large Adenomas. <i>Gastroenterology</i> , 2012, 142, 248-256.	0.9	295
134	The molecular evolution of acquired resistance to targeted EGFR blockade in colorectal cancers. <i>Nature</i> , 2012, 486, 537-540.	37.9	1,600
135	Genetically Defined Subsets of Human Pancreatic Cancer Show Unique In Vitro Chemosensitivity. <i>Clinical Cancer Research</i> , 2012, 18, 6519-6530.	6.8	66
136	Integrated genomic analyses identify ARID1A and ARID1B alterations in the childhood cancer neuroblastoma. <i>Nature Genetics</i> , 2012, 45, 12-17.	25.2	410
137	FAST-SeqS: A Simple and Efficient Method for the Detection of Aneuploidy by Massively Parallel Sequencing. <i>PLoS ONE</i> , 2012, 7, e41162.	2.3	73
138	Mutant proteins as cancer-specific biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2444-2449.	7.5	171
139	Inactivating mutations of the chromatin remodeling gene ARID2 in hepatocellular carcinoma. <i>Nature Genetics</i> , 2011, 43, 828-829.	25.2	407
140	The Genetic Landscape of the Childhood Cancer Medulloblastoma. <i>Science</i> , 2011, 331, 435-439.	36.2	683
141	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, 9530-9535.	7.5	1,150
142	Thiazolidinedione-Based PI3K Inhibitors: An Analysis of Biochemical and Virtual Screening Methods. <i>ChemMedChem</i> , 2011, 6, 514-522.	3.1	15
143	Detection of Tumor DNA at the Margins of Colorectal Cancer Liver Metastasis. <i>Clinical Cancer Research</i> , 2011, 17, 3551-3557.	6.8	44
144	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, 3270-3275.	7.5	420

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145	Recurrent GNAS Mutations Define an Unexpected Pathway for Pancreatic Cyst Development. <i>Science Translational Medicine</i> , 2011, 3, .	12.5	748
146	14-3-3 β 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, 1555-1560.	7.5	36
147	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, 21188-21193.	7.5	618
148	The Temporal Order of Genetic and Pathway Alterations in Tumorigenesis. <i>PLoS ONE</i> , 2011, 6, e27136.	2.3	104
149	Somatic mutations in PI3K β : Structural basis for enzyme activation and drug design. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 533-540.	2.0	19
150	Knock in of the AKT1 E17K mutation in human breast epithelial cells does not recapitulate oncogenic PIK3CA mutations. <i>Oncogene</i> , 2010, 29, 2337-2345.	6.5	55
151	Heteroplasmic mitochondrial DNA mutations in normal and tumour cells. <i>Nature</i> , 2010, 464, 610-614.	37.9	494
152	Distant metastasis occurs late during the genetic evolution of pancreatic cancer. <i>Nature</i> , 2010, 467, 1114-1117.	37.9	2,329
153	Development of Personalized Tumor Biomarkers Using Massively Parallel Sequencing. <i>Science Translational Medicine</i> , 2010, 2, . Genetic inactivation of	12.5	468
154	AKT1, AKT2, and PDPK1	7.5	121
155	Accumulation of driver and passenger mutations during tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18545-18550.	7.5	803
156	Patient-oriented gene set analysis for cancer mutation data. <i>Genome Biology</i> , 2010, 11, .	8.1	66
157	Identification of Somatic Acquired Gene Mutations In the Kineome and Exome In CLL. <i>Blood</i> , 2010, 116, 2410-2410.	4.2	0
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