

Olivier Elemento

List of Publications by Citations

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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.

365
papers

26,392
citations

78
h-index

158
g-index

402
ext. papers

34,532
ext. citations

12.8
avg, IF

6.93
L-index

#	Paper	IF	Citations
365	Comprehensive analysis of mRNA methylation reveals enrichment in 3' UTRs and near stop codons. <i>Cell</i> , 2012 , 149, 1635-46	56.2	2100
364	Integrative clinical genomics of advanced prostate cancer. <i>Cell</i> , 2015 , 161, 1215-1228	56.2	1765
363	Double-stranded DNA in exosomes: a novel biomarker in cancer detection. <i>Cell Research</i> , 2014 , 24, 766-924.7	24.7	987
362	5' UTR m(6)A Promotes Cap-Independent Translation. <i>Cell</i> , 2015 , 163, 999-1010	56.2	933
361	Punctuated evolution of prostate cancer genomes. <i>Cell</i> , 2013 , 153, 666-77	56.2	862
360	Inherited DNA-Repair Gene Mutations in Men with Metastatic Prostate Cancer. <i>New England Journal of Medicine</i> , 2016 , 375, 443-53	59.2	791
359	Divergent clonal evolution of castration-resistant neuroendocrine prostate cancer. <i>Nature Medicine</i> , 2016 , 22, 298-305	50.5	775
358	EZH2 is required for germinal center formation and somatic EZH2 mutations promote lymphoid transformation. <i>Cancer Cell</i> , 2013 , 23, 677-92	24.3	547
357	Reversible methylation of mA in the 5' cap controls mRNA stability. <i>Nature</i> , 2017 , 541, 371-375	50.4	540
356	Vitamin C selectively kills KRAS and BRAF mutant colorectal cancer cells by targeting GAPDH. <i>Science</i> , 2015 , 350, 1391-6	33.3	537
355	Chromosomal instability drives metastasis through a cytosolic DNA response. <i>Nature</i> , 2018 , 553, 467-472	50.4	536
354	Personalized and Cancer Models to Guide Precision Medicine. <i>Cancer Discovery</i> , 2017 , 7, 462-477	24.4	477
353	The oestrogen receptor alpha-regulated lncRNA NEAT1 is a critical modulator of prostate cancer. <i>Nature Communications</i> , 2014 , 5, 5383	17.4	432
352	Molecular signatures of tissue-specific microvascular endothelial cell heterogeneity in organ maintenance and regeneration. <i>Developmental Cell</i> , 2013 , 26, 204-19	10.2	421
351	The chromatin accessibility landscape of primary human cancers. <i>Science</i> , 2018 , 362,	33.3	392
350	The fat mass and obesity associated gene (Fto) regulates activity of the dopaminergic midbrain circuitry. <i>Nature Neuroscience</i> , 2013 , 16, 1042-8	25.5	327
349	N-Myc Induces an EZH2-Mediated Transcriptional Program Driving Neuroendocrine Prostate Cancer. <i>Cancer Cell</i> , 2016 , 30, 563-577	24.3	256

348	The histone lysine methyltransferase KMT2D sustains a gene expression program that represses B cell lymphoma development. <i>Nature Medicine</i> , 2015 , 21, 1199-208	50.5	247
347	A universal framework for regulatory element discovery across all genomes and data types. <i>Molecular Cell</i> , 2007 , 28, 337-50	17.6	241
346	The BRAF pseudogene functions as a competitive endogenous RNA and induces lymphoma in vivo. <i>Cell</i> , 2015 , 161, 319-32	56.2	233
345	EZH2-mediated epigenetic silencing in germinal center B cells contributes to proliferation and lymphomagenesis. <i>Blood</i> , 2010 , 116, 5247-55	2.2	227
344	Whole-Exome Sequencing of Metastatic Cancer and Biomarkers of Treatment Response. <i>JAMA Oncology</i> , 2015 , 1, 466-74	13.4	207
343	Flow sorting and exome sequencing reveal the oncogenome of primary Hodgkin and Reed-Sternberg cells. <i>Blood</i> , 2015 , 125, 1061-72	2.2	206
342	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1932-1946	11.5	204
341	Cell-cycle reprogramming for PI3K inhibition overrides a relapse-specific C481S BTK mutation revealed by longitudinal functional genomics in mantle cell lymphoma. <i>Cancer Discovery</i> , 2014 , 4, 1022-33	34.4	203
340	Unmasking activation of the zygotic genome using chromosomal deletions in the <i>Drosophila</i> embryo. <i>PLoS Biology</i> , 2007 , 5, e117	9.7	201
339	The BCL6 transcriptional program features repression of multiple oncogenes in primary B cells and is deregulated in DLBCL. <i>Blood</i> , 2009 , 113, 5536-48	2.2	179
338	Synergistic activation of inflammatory cytokine genes by interferon- γ -induced chromatin remodeling and toll-like receptor signaling. <i>Immunity</i> , 2013 , 39, 454-69	32.3	176
337	Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. <i>Science Translational Medicine</i> , 2015 , 7, 301ra130	17.5	175
336	Identification and genome-wide prediction of DNA binding specificities for the ApiAP2 family of regulators from the malaria parasite. <i>PLoS Pathogens</i> , 2010 , 6, e1001165	7.6	172
335	Reprogramming human endothelial cells to haematopoietic cells requires vascular induction. <i>Nature</i> , 2014 , 511, 312-8	50.4	171
334	Efficient direct reprogramming of mature amniotic cells into endothelial cells by ETS factors and TGF β suppression. <i>Cell</i> , 2012 , 151, 559-75	56.2	170
333	Differentiation of human pluripotent stem cells to cells similar to cord-blood endothelial colony-forming cells. <i>Nature Biotechnology</i> , 2014 , 32, 1151-1157	44.5	164
332	Stem Cell Lineage Infidelity Drives Wound Repair and Cancer. <i>Cell</i> , 2017 , 169, 636-650.e14	56.2	161
331	Clonal evolution of chemotherapy-resistant urothelial carcinoma. <i>Nature Genetics</i> , 2016 , 48, 1490-1499	36.3	161

330	CREBBP Inactivation Promotes the Development of HDAC3-Dependent Lymphomas. <i>Cancer Discovery</i> , 2017 , 7, 38-53	24.4	159
329	Deep Convolutional Neural Networks Enable Discrimination of Heterogeneous Digital Pathology Images. <i>EBioMedicine</i> , 2018 , 27, 317-328	8.8	152
328	EZH2 and BCL6 Cooperate to Assemble CBX8-BCOR Complex to Repress Bivalent Promoters, Mediate Germinal Center Formation and Lymphomagenesis. <i>Cancer Cell</i> , 2016 , 30, 197-213	24.3	150
327	Patient derived organoids to model rare prostate cancer phenotypes. <i>Nature Communications</i> , 2018 , 9, 2404	17.4	149
326	Revealing global regulatory perturbations across human cancers. <i>Molecular Cell</i> , 2009 , 36, 900-11	17.6	149
325	Histone methyltransferase MMSET/NSD2 alters EZH2 binding and reprograms the myeloma epigenome through global and focal changes in H3K36 and H3K27 methylation. <i>PLoS Genetics</i> , 2014 , 10, e1004566	6	137
324	Epigenetic repression of miR-31 disrupts androgen receptor homeostasis and contributes to prostate cancer progression. <i>Cancer Research</i> , 2013 , 73, 1232-44	10.1	137
323	Conversion of adult endothelium to immunocompetent haematopoietic stem cells. <i>Nature</i> , 2017 , 545, 439-445	50.4	135
322	Deep learning-based classification of mesothelioma improves prediction of patient outcome. <i>Nature Medicine</i> , 2019 , 25, 1519-1525	50.5	132
321	A hybrid mechanism of action for BCL6 in B cells defined by formation of functionally distinct complexes at enhancers and promoters. <i>Cell Reports</i> , 2013 , 4, 578-88	10.6	127
320	A panel of four miRNAs accurately differentiates malignant from benign indeterminate thyroid lesions on fine needle aspiration. <i>Clinical Cancer Research</i> , 2012 , 18, 2032-8	12.9	127
319	Deep learning enables robust assessment and selection of human blastocysts after in vitro fertilization. <i>Npj Digital Medicine</i> , 2019 , 2, 21	15.7	126
318	DNA methylation signatures define molecular subtypes of diffuse large B-cell lymphoma. <i>Blood</i> , 2010 , 116, e81-9	2.2	124
317	Using transcriptome sequencing to identify mechanisms of drug action and resistance. <i>Nature Chemical Biology</i> , 2012 , 8, 235-7	11.7	122
316	Single-cell RNA sequencing reveals a signature of sexual commitment in malaria parasites. <i>Nature</i> , 2017 , 551, 95-99	50.4	121
315	NFIB is a governor of epithelial-melanocyte stem cell behaviour in a shared niche. <i>Nature</i> , 2013 , 495, 98-102	50.4	116
314	Oncogene-mediated alterations in chromatin conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9083-8	11.5	110
313	TET proteins safeguard bivalent promoters from de novo methylation in human embryonic stem cells. <i>Nature Genetics</i> , 2018 , 50, 83-95	36.3	108

312	DNA methyltransferase 1 and DNA methylation patterning contribute to germinal center B-cell differentiation. <i>Blood</i> , 2011 , 118, 3559-69	2.2	107
311	A stable transcription factor complex nucleated by oligomeric AML1-ETO controls leukaemogenesis. <i>Nature</i> , 2013 , 500, 93-7	50.4	103
310	A Predictive Model for Selective Targeting of the Warburg Effect through GAPDH Inhibition with a Natural Product. <i>Cell Metabolism</i> , 2017 , 26, 648-659.e8	24.6	102
309	Lymphatic endothelial S1P promotes mitochondrial function and survival in naive T cells. <i>Nature</i> , 2017 , 546, 158-161	50.4	101
308	Deficiency of UBE2T, the E2 Ubiquitin Ligase Necessary for FANCD2 and FANCI Ubiquitination, Causes FA-T Subtype of Fanconi Anemia. <i>Cell Reports</i> , 2015 , 12, 35-41	10.6	97
307	Selective inhibition of protein arginine methyltransferase 5 blocks initiation and maintenance of B-cell transformation. <i>Blood</i> , 2015 , 125, 2530-43	2.2	96
306	Deep Sequencing of T-cell Receptor DNA as a Biomarker of Clonally Expanded TILs in Breast Cancer after Immunotherapy. <i>Cancer Immunology Research</i> , 2016 , 4, 835-844	12.5	95
305	Radiation therapy and anti-tumor immunity: exposing immunogenic mutations to the immune system. <i>Genome Medicine</i> , 2019 , 11, 40	14.4	94
304	Rationally designed BCL6 inhibitors target activated B cell diffuse large B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3351-62	15.9	92
303	Aberration in DNA methylation in B-cell lymphomas has a complex origin and increases with disease severity. <i>PLoS Genetics</i> , 2013 , 9, e1003137	6	91
302	let-7 Overexpression leads to an increased fraction of cells in G2/M, direct down-regulation of Cdc34, and stabilization of Wee1 kinase in primary fibroblasts. <i>Journal of Biological Chemistry</i> , 2009 , 284, 6605-9	5.4	88
301	EZH2 enables germinal centre formation through epigenetic silencing of CDKN1A and an Rb-E2F1 feedback loop. <i>Nature Communications</i> , 2017 , 8, 877	17.4	87
300	Graph convolutional networks for computational drug development and discovery. <i>Briefings in Bioinformatics</i> , 2020 , 21, 919-935	13.4	87
299	Mechanosensitive pannexin-1 channels mediate microvascular metastatic cell survival. <i>Nature Cell Biology</i> , 2015 , 17, 943-52	23.4	85
298	A Bayesian machine learning approach for drug target identification using diverse data types. <i>Nature Communications</i> , 2019 , 10, 5221	17.4	85
297	Single-Cell Analysis of the Muscle Stem Cell Hierarchy Identifies Heterotypic Communication Signals Involved in Skeletal Muscle Regeneration. <i>Cell Reports</i> , 2020 , 30, 3583-3595.e5	10.6	84
296	DrugTargetSeqR: a genomics- and CRISPR-Cas9-based method to analyze drug targets. <i>Nature Chemical Biology</i> , 2014 , 10, 626-8	11.7	84
295	Discovery and clinical introduction of first-in-class imipridone ONC201. <i>Oncotarget</i> , 2016 , 7, 74380-74393	3.3	83

294	Multi-tiered Reorganization of the Genome during B Cell Affinity Maturation Anchored by a Germinal Center-Specific Locus Control Region. <i>Immunity</i> , 2016 , 45, 497-512	32.3	82
293	Epigenomic evolution in diffuse large B-cell lymphomas. <i>Nature Communications</i> , 2015 , 6, 6921	17.4	81
292	Broad Targeting Specificity during Bacterial Type III CRISPR-Cas Immunity Constrains Viral Escape. <i>Cell Host and Microbe</i> , 2017 , 22, 343-353.e3	23.4	81
291	A molecular single-cell lung atlas of lethal COVID-19. <i>Nature</i> , 2021 , 595, 114-119	50.4	81
290	Vascular niche promotes hematopoietic multipotent progenitor formation from pluripotent stem cells. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1243-54	15.9	80
289	Clinical features of neuroendocrine prostate cancer. <i>European Journal of Cancer</i> , 2019 , 121, 7-18	7.5	79
288	3055 Reconstruction of Patient-specific Distal Airway Regeneration Patterns in COPD. <i>Journal of Clinical and Translational Science</i> , 2019 , 3, 154-154	0.4	78
287	Histone variant H3.3 is an essential maternal factor for oocyte reprogramming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7325-30	11.5	78
286	SAT-339 Cross-Talk with Breast Adipose Tissue Contributes to Obesity-induced DNA Damage in BRCA Mutant Breast Epithelial Cells. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
285	FSMP-10. CYSTEINE INDUCES CYTOTOXICITY IN GLIOBLASTOMA THROUGH MITOCHONDRIAL HYDROGEN PEROXIDE PRODUCTION. <i>Neuro-Oncology Advances</i> , 2021 , 3, i18-i18	0.9	78
284	TBIO-15. UTILIZING A HISTOLOGY-SPECIFIC SEQUENCING ALGORITHM FOR PRECISION NEURO-ONCOLOGY. <i>Neuro-Oncology</i> , 2018 , 20, i183-i183	1	78
283	DDIS-12. ONC201: THE FIRST SELECTIVE, NON-COMPETITIVE DRD2/3 ANTAGONIST FOR CLINICAL NEURO-ONCOLOGY. <i>Neuro-Oncology</i> , 2018 , 20, vi71-vi71	1	78
282	2566 Personalized models of distal airway epithelial-stromal unit in COPD. <i>Journal of Clinical and Translational Science</i> , 2018 , 2, 23-23	0.4	78
281	DRES-10. DRD5 IS A MODULATOR OF GLIOMA SUSCEPTIBILITY TO DRD2 ANTAGONISM BY ONC201. <i>Neuro-Oncology</i> , 2018 , 20, vi77-vi78	1	78
280	GENE-10. IDENTIFICATION OF MXRA5 AND DSP AS RELEVANT TARGETS IN INFILTRATING ASTROCYTOMAS: A WHOLE EXOME ANALYSIS AT A SINGLE INSTITUTION. <i>Neuro-Oncology</i> , 2018 , 20, vi104-vi105	1	78
279	TMOD-36. PRECISE INVESTIGATION OF CANCER STEM CELLS IN A MOUSE GLIOBLASTOMA MODEL. <i>Neuro-Oncology</i> , 2018 , 20, vi276-vi276	1	78
278	EXTH-17. SELECTIVE, NON-COMPETITIVE DRD2/3 ANTAGONISM BY IMIPRIDONE ONC206 IS EFFECTIVE IN TUMORS WITH DOPAMINE RECEPTOR DYSREGULATION. <i>Neuro-Oncology</i> , 2018 , 20, vi88-vi88	1	78
277	Cabozantinib Eradicates Advanced Murine Prostate Cancer by Activating Antitumor Innate Immunity. <i>Cancer Discovery</i> , 2017 , 7, 750-765	24.4	77

276	TET2 Deficiency Causes Germinal Center Hyperplasia, Impairs Plasma Cell Differentiation, and Promotes B-cell Lymphomagenesis. <i>Cancer Discovery</i> , 2018 , 8, 1632-1653	24.4	77
275	Widespread Mitotic Bookmarking by Histone Marks and Transcription Factors in Pluripotent Stem Cells. <i>Cell Reports</i> , 2017 , 19, 1283-1293	10.6	75
274	Single-cell TCRseq: paired recovery of entire T-cell alpha and beta chain transcripts in T-cell receptors from single-cell RNAseq. <i>Genome Medicine</i> , 2016 , 8, 80	14.4	74
273	Transcriptome analysis of individual stromal cell populations identifies stroma-tumor crosstalk in mouse lung cancer model. <i>Cell Reports</i> , 2015 , 10, 1187-201	10.6	73
272	An integrated CHIP-seq analysis platform with customizable workflows. <i>BMC Bioinformatics</i> , 2011 , 12, 277	3.6	72
271	The spatial landscape of lung pathology during COVID-19 progression. <i>Nature</i> , 2021 , 593, 564-569	50.4	72
270	Upper tract urothelial carcinoma has a luminal-papillary T-cell depleted contexture and activated FGFR3 signaling. <i>Nature Communications</i> , 2019 , 10, 2977	17.4	71
269	AID stabilizes stem-cell phenotype by removing epigenetic memory of pluripotency genes. <i>Nature</i> , 2013 , 500, 89-92	50.4	70
268	Human ESC-derived hemogenic endothelial cells undergo distinct waves of endothelial to hematopoietic transition. <i>Blood</i> , 2013 , 121, 770-80	2.2	70
267	Epigenetic Identity in AML Depends on Disruption of Nonpromoter Regulatory Elements and Is Affected by Antagonistic Effects of Mutations in Epigenetic Modifiers. <i>Cancer Discovery</i> , 2017 , 7, 868-883	24.4	69
266	R-Spondin chromosome rearrangements drive Wnt-dependent tumour initiation and maintenance in the intestine. <i>Nature Communications</i> , 2017 , 8, 15945	17.4	69
265	Metabolic alterations in lung cancer-associated fibroblasts correlated with increased glycolytic metabolism of the tumor. <i>Molecular Cancer Research</i> , 2013 , 11, 579-92	6.6	69
264	DNA Methylation Dynamics of Germinal Center B Cells Are Mediated by AID. <i>Cell Reports</i> , 2015 , 12, 2086-98	11.8	68
263	A Data-Driven Approach to Predicting Successes and Failures of Clinical Trials. <i>Cell Chemical Biology</i> , 2016 , 23, 1294-1301	8.2	66
262	The cancer precision medicine knowledge base for structured clinical-grade mutations and interpretations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 513-519	8.6	66
261	Mutations in FLVCR1 cause posterior column ataxia and retinitis pigmentosa. <i>American Journal of Human Genetics</i> , 2010 , 87, 643-54	11	66
260	Revealing posttranscriptional regulatory elements through network-level conservation. <i>PLoS Computational Biology</i> , 2005 , 1, e69	5	63
259	Reconstructing the duplication history of tandemly repeated genes. <i>Molecular Biology and Evolution</i> , 2002 , 19, 278-88	8.3	61

258	Epigenomic alterations in localized and advanced prostate cancer. <i>Neoplasia</i> , 2013 , 15, 373-83	6.4	59
257	A harmonized meta-knowledgebase of clinical interpretations of somatic genomic variants in cancer. <i>Nature Genetics</i> , 2020 , 52, 448-457	36.3	58
256	Tumor Microenvironment Is Critical for the Maintenance of Cellular States Found in Primary Glioblastomas. <i>Cancer Discovery</i> , 2020 , 10, 964-979	24.4	57
255	Revisiting the initial steps of sexual development in the malaria parasite <i>Plasmodium falciparum</i> . <i>Nature Microbiology</i> , 2019 , 4, 144-154	26.6	57
254	Deep sequencing reveals clonal evolution patterns and mutation events associated with relapse in B-cell lymphomas. <i>Genome Biology</i> , 2014 , 15, 432	18.3	56
253	Circulating tumor DNA profile recognizes transformation to castration-resistant neuroendocrine prostate cancer. <i>Journal of Clinical Investigation</i> , 2020 , 130, 1653-1668	15.9	56
252	Histone H1 loss drives lymphoma by disrupting 3D chromatin architecture. <i>Nature</i> , 2021 , 589, 299-305	50.4	56
251	N-Myc-mediated epigenetic reprogramming drives lineage plasticity in advanced prostate cancer. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3924-3940	15.9	55
250	Adaptable haemodynamic endothelial cells for organogenesis and tumorigenesis. <i>Nature</i> , 2020 , 585, 426-432	50.4	54
249	The Role of Next-Generation Sequencing in Precision Medicine: A Review of Outcomes in Oncology. <i>Journal of Personalized Medicine</i> , 2018 , 8,	3.6	53
248	Development and validation of a whole-exome sequencing test for simultaneous detection of point mutations, indels and copy-number alterations for precision cancer care. <i>Npj Genomic Medicine</i> , 2016 , 1,	6.2	51
247	Transcriptome sequencing reveals thousands of novel long non-coding RNAs in B cell lymphoma. <i>Genome Medicine</i> , 2015 , 7, 110	14.4	50
246	Lymphoblastic transformation of follicular lymphoma: a clinicopathologic and molecular analysis of 7 patients. <i>Human Pathology</i> , 2015 , 46, 260-71	3.7	50
245	Long non-coding RNAs discriminate the stages and gene regulatory states of human humoral immune response. <i>Nature Communications</i> , 2019 , 10, 821	17.4	49
244	Dynamic transcriptome profiles within spermatogonial and spermatocyte populations during postnatal testis maturation revealed by single-cell sequencing. <i>PLoS Genetics</i> , 2019 , 15, e1007810	6	47
243	Generation of pulmonary neuroendocrine cells and SCLC-like tumors from human embryonic stem cells. <i>Journal of Experimental Medicine</i> , 2019 , 216, 674-687	16.6	47
242	Mutant EZH2 Induces a Pre-malignant Lymphoma Niche by Reprogramming the Immune Response. <i>Cancer Cell</i> , 2020 , 37, 655-673.e11	24.3	47
241	Molecular diagnosis of autosomal dominant polycystic kidney disease using next-generation sequencing. <i>Journal of Molecular Diagnostics</i> , 2014 , 16, 216-28	5.1	45

240	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. <i>Cell</i> , 2020 , 183, 197-210.e32	56.2	45
239	ELAVL1 modulates transcriptome-wide miRNA binding in murine macrophages. <i>Cell Reports</i> , 2014 , 9, 2330-43	10.6	43
238	An integrated model for detecting significant chromatin interactions from high-resolution Hi-C data. <i>Nature Communications</i> , 2017 , 8, 15454	17.4	41
237	ELAVL1 regulates alternative splicing of eIF4E transporter to promote postnatal angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18309-14	11.5	40
236	A Computational Approach for Identifying Synergistic Drug Combinations. <i>PLoS Computational Biology</i> , 2017 , 13, e1005308	5	40
235	Identifying and Targeting Sporadic Oncogenic Genetic Aberrations in Mouse Models of Triple-Negative Breast Cancer. <i>Cancer Discovery</i> , 2018 , 8, 354-369	24.4	40
234	Concerted regulation of retinal pigment epithelium basement membrane and barrier function by angiocrine factors. <i>Nature Communications</i> , 2017 , 8, 15374	17.4	39
233	A reference single-cell transcriptomic atlas of human skeletal muscle tissue reveals bifurcated muscle stem cell populations. <i>Skeletal Muscle</i> , 2020 , 10, 19	5.1	39
232	Genome-wide detection of genes targeted by non-Ig somatic hypermutation in lymphoma. <i>PLoS ONE</i> , 2012 , 7, e40332	3.7	39
231	Precision Targeting with EZH2 and HDAC Inhibitors in Epigenetically Dysregulated Lymphomas. <i>Clinical Cancer Research</i> , 2019 , 25, 5271-5283	12.9	38
230	Obesity-Associated Extracellular Matrix Remodeling Promotes a Macrophage Phenotype Similar to Tumor-Associated Macrophages. <i>American Journal of Pathology</i> , 2019 , 189, 2019-2035	5.8	38
229	Accelerated lipid catabolism and autophagy are cancer survival mechanisms under inhibited glutaminolysis. <i>Cancer Letters</i> , 2018 , 430, 133-147	9.9	38
228	Vascular Platform to Define Hematopoietic Stem Cell Factors and Enhance Regenerative Hematopoiesis. <i>Stem Cell Reports</i> , 2015 , 5, 881-894	8	37
227	Phosphatidylinositol-5-Phosphate 4-Kinases Regulate Cellular Lipid Metabolism By Facilitating Autophagy. <i>Molecular Cell</i> , 2018 , 70, 531-544.e9	17.6	35
226	A novel approach for characterizing microsatellite instability in cancer cells. <i>PLoS ONE</i> , 2013 , 8, e63056	3.7	35
225	AICDA drives epigenetic heterogeneity and accelerates germinal center-derived lymphomagenesis. <i>Nature Communications</i> , 2018 , 9, 222	17.4	34
224	Oncogenic BRAF disrupts thyroid morphogenesis and function via twist expression. <i>ELife</i> , 2017 , 6,	8.9	34
223	Disruption of Adipose Rab10-Dependent Insulin Signaling Causes Hepatic Insulin Resistance. <i>Diabetes</i> , 2016 , 65, 1577-89	0.9	33

222	Differential Contributions of Pre- and Post-EMT Tumor Cells in Breast Cancer Metastasis. <i>Cancer Research</i> , 2020 , 80, 163-169	10.1	33
221	An Epigenomic Approach to Improving Response to Neoadjuvant Cisplatin Chemotherapy in Bladder Cancer. <i>Biomolecules</i> , 2016 , 6,	5.9	33
220	The aging skin microenvironment dictates stem cell behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 5339-5350	11.5	32
219	HN1L Promotes Triple-Negative Breast Cancer Stem Cells through LEPR-STAT3 Pathway. <i>Stem Cell Reports</i> , 2018 , 10, 212-227	8	32
218	Rapid identification of BCR/ABL1-like acute lymphoblastic leukaemia patients using a predictive statistical model based on quantitative real time-polymerase chain reaction: clinical, prognostic and therapeutic implications. <i>British Journal of Haematology</i> , 2018 , 181, 642-652	4.5	31
217	Inhibition of EZH2 Catalytic Activity Selectively Targets a Metastatic Subpopulation in Triple-Negative Breast Cancer. <i>Cell Reports</i> , 2020 , 30, 755-770.e6	10.6	30
216	A primer on precision medicine informatics. <i>Briefings in Bioinformatics</i> , 2016 , 17, 145-53	13.4	30
215	CHD1 Loss Alters AR Binding at Lineage-Specific Enhancers and Modulates Distinct Transcriptional Programs to Drive Prostate Tumorigenesis. <i>Cancer Cell</i> , 2019 , 35, 603-617.e8	24.3	29
214	Metastasis and Immune Evasion from Extracellular cGAMP Hydrolysis. <i>Cancer Discovery</i> , 2021 , 11, 1212-1227	12.4	29
213	Predictive features of ligand-specific signaling through the estrogen receptor. <i>Molecular Systems Biology</i> , 2016 , 12, 864	12.2	29
212	Global miRNA expression analysis identifies novel key regulators of plasma cell differentiation and malignant plasma cell. <i>Nucleic Acids Research</i> , 2017 , 45, 5639-5652	20.1	28
211	Comprehensive characterization of the mutational landscape in multiple myeloma cell lines reveals potential drivers and pathways associated with tumor progression and drug resistance. <i>Theranostics</i> , 2019 , 9, 540-553	12.1	28
210	Inferring chromatin-bound protein complexes from genome-wide binding assays. <i>Genome Research</i> , 2013 , 23, 1295-306	9.7	28
209	BCL6 Antagonizes NOTCH2 to Maintain Survival of Human Follicular Lymphoma Cells. <i>Cancer Discovery</i> , 2017 , 7, 506-521	24.4	27
208	Endothelial-specific inhibition of NF- κ B enhances functional haematopoiesis. <i>Nature Communications</i> , 2016 , 7, 13829	17.4	27
207	Dopamine Receptor D5 is a Modulator of Tumor Response to Dopamine Receptor D2 Antagonism. <i>Clinical Cancer Research</i> , 2019 , 25, 2305-2313	12.9	27
206	Immune reprogramming via PD-1 inhibition enhances early-stage lung cancer survival. <i>JCI Insight</i> , 2018 , 3,	9.9	27
205	Activating Transcription Factor 4 Modulates TGF β -Induced Aggressiveness in Triple-Negative Breast Cancer via SMAD2/3/4 and mTORC2 Signaling. <i>Clinical Cancer Research</i> , 2018 , 24, 5697-5709	12.9	26

204	The Missing Pieces of Artificial Intelligence in Medicine. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 555-564	13.2	26
203	Artificial Intelligence in Cancer Research and Precision Medicine. <i>Cancer Discovery</i> , 2021 , 11, 900-915	24.4	26
202	The chromatin Remodeler CHD8 is required for activation of progesterone receptor-dependent enhancers. <i>PLoS Genetics</i> , 2015 , 11, e1005174	6	25
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86	Extracellular Microenvironment in Patient-derived Hydrogel Organoids of Prostate Cancer Regulates Therapeutic Response		2
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35	Selective STAT3 Degraders Dissect Peripheral T-Cell Lymphomas Vulnerabilities Empowering Personalized Regimens. <i>Blood</i> , 2021 , 138, 865-865	2.2	
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