

Paul S Meltzer

List of Publications by Citations

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310
papers

34,967
citations

87
h-index

183
g-index

339
ext. papers

38,810
ext. citations

11.5
avg, IF

6.48
L-index

#	Paper	IF	Citations
310	Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer. <i>Cell</i> , 1993 , 75, 1215-25	56.2	1954
309	Classification and diagnostic prediction of cancers using gene expression profiling and artificial neural networks. <i>Nature Medicine</i> , 2001 , 7, 673-9	50.5	1928
308	Gene-expression profiles in hereditary breast cancer. <i>New England Journal of Medicine</i> , 2001 , 344, 539-48	39.2	1462
307	Vascular channel formation by human melanoma cells in vivo and in vitro: vasculogenic mimicry. <i>American Journal of Pathology</i> , 1999 , 155, 739-52	5.8	1454
306	Rare structural variants disrupt multiple genes in neurodevelopmental pathways in schizophrenia. <i>Science</i> , 2008 , 320, 539-43	33.3	1443
305	High frequency of BRAF mutations in nevi. <i>Nature Genetics</i> , 2003 , 33, 19-20	36.3	1355
304	AIB1, a steroid receptor coactivator amplified in breast and ovarian cancer. <i>Science</i> , 1997 , 277, 965-8	33.3	1340
303	Expression profiling using cDNA microarrays. <i>Nature Genetics</i> , 1999 , 21, 10-4	36.3	1332
302	High-resolution mapping and characterization of open chromatin across the genome. <i>Cell</i> , 2008 , 132, 311-22	56.2	988
301	Mutations in the human Jagged1 gene are responsible for Alagille syndrome. <i>Nature Genetics</i> , 1997 , 16, 235-42	36.3	933
300	MicroRNA expression, survival, and response to interferon in liver cancer. <i>New England Journal of Medicine</i> , 2009 , 361, 1437-47	59.2	675
299	Expression profiling identifies the cytoskeletal organizer ezrin and the developmental homeoprotein Six-1 as key metastatic regulators. <i>Nature Medicine</i> , 2004 , 10, 175-81	50.5	430
298	Pan-cancer genome and transcriptome analyses of 1,699 paediatric leukaemias and solid tumours. <i>Nature</i> , 2018 , 555, 371-376	50.4	380
297	Mechanisms of sarcoma development. <i>Nature Reviews Cancer</i> , 2003 , 3, 685-94	31.3	364
296	Functionally defined therapeutic targets in diffuse intrinsic pontine glioma. <i>Nature Medicine</i> , 2015 , 21, 555-9	50.5	319
295	Comparative genomic hybridization using oligonucleotide microarrays and total genomic DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17765-70	11.5	307
294	Gene expression profiling of human sarcomas: insights into sarcoma biology. <i>Cancer Research</i> , 2005 , 65, 9226-35	10.1	287

293	Fluorescent cDNA microarray hybridization reveals complexity and heterogeneity of cellular genotoxic stress responses. <i>Oncogene</i> , 1999 , 18, 3666-72	9.2	284
292	MYC-driven accumulation of 2-hydroxyglutarate is associated with breast cancer prognosis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 398-412	15.9	281
291	Thyroid hormone regulation of hepatic genes in vivo detected by complementary DNA microarray. <i>Molecular Endocrinology</i> , 2000 , 14, 947-55		269
290	Data management and analysis for gene expression arrays. <i>Nature Genetics</i> , 1998 , 20, 19-23	36.3	266
289	Interaction of the glucocorticoid receptor with the chromatin landscape. <i>Molecular Cell</i> , 2008 , 29, 611-24	17.6	263
288	Rapid generation of region specific probes by chromosome microdissection and their application. <i>Nature Genetics</i> , 1992 , 1, 24-8	36.3	234
287	Succinate dehydrogenase mutation underlies global epigenomic divergence in gastrointestinal stromal tumor. <i>Cancer Discovery</i> , 2013 , 3, 648-57	24.4	228
286	Melanoma mouse model implicates metabotropic glutamate signaling in melanocytic neoplasia. <i>Nature Genetics</i> , 2003 , 34, 108-12	36.3	223
285	Interferon- γ links ultraviolet radiation to melanomagenesis in mice. <i>Nature</i> , 2011 , 469, 548-53	50.4	209
284	The exomes of the NCI-60 panel: a genomic resource for cancer biology and systems pharmacology. <i>Cancer Research</i> , 2013 , 73, 4372-82	10.1	207
283	Integrating global gene expression and radiation survival parameters across the 60 cell lines of the National Cancer Institute Anticancer Drug Screen. <i>Cancer Research</i> , 2008 , 68, 415-24	10.1	197
282	Cloning a novel member of the human interferon-inducible gene family associated with control of tumorigenicity in a model of human melanoma. <i>Oncogene</i> , 1997 , 15, 453-7	9.2	196
281	Soft tissue sarcomas of adults: state of the translational science. <i>Clinical Cancer Research</i> , 2003 , 9, 1941-56	56.9	195
280	Activating signal cointegrator 2 belongs to a novel steady-state complex that contains a subset of trithorax group proteins. <i>Molecular and Cellular Biology</i> , 2003 , 23, 140-9	4.8	190
279	DNase-chip: a high-resolution method to identify DNase I hypersensitive sites using tiled microarrays. <i>Nature Methods</i> , 2006 , 3, 503-9	21.6	188
278	Molecular Subtypes of KIT/PDGFR α Wild-Type Gastrointestinal Stromal Tumors: A Report From the National Institutes of Health Gastrointestinal Stromal Tumor Clinic. <i>JAMA Oncology</i> , 2016 , 2, 922-8	13.4	187
277	Pim-1 is up-regulated by constitutively activated FLT3 and plays a role in FLT3-mediated cell survival. <i>Blood</i> , 2005 , 105, 1759-67	2.2	187
276	Common Molecular Subtypes Among Asian Hepatocellular Carcinoma and Cholangiocarcinoma. <i>Cancer Cell</i> , 2017 , 32, 57-70.e3	24.3	185

275	Transcription program of human herpesvirus 8 (kaposi sarcoma-associated herpesvirus). <i>Journal of Virology</i> , 2001 , 75, 4843-53	6.6	185
274	High prevalence of MAP2K1 mutations in variant and IGHV4-34-expressing hairy-cell leukemias. <i>Nature Genetics</i> , 2014 , 46, 8-10	36.3	183
273	Gene expression profile in multiple sclerosis patients and healthy controls: identifying pathways relevant to disease. <i>Human Molecular Genetics</i> , 2003 , 12, 2191-9	5.6	175
272	Genome-wide analysis of menin binding provides insights into MEN1 tumorigenesis. <i>PLoS Genetics</i> , 2006 , 2, e51	6	172
271	A nuclear factor, ASC-2, as a cancer-amplified transcriptional coactivator essential for ligand-dependent transactivation by nuclear receptors in vivo. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34283-93	5.4	169
270	Genome-wide identification of PAX3-FKHR binding sites in rhabdomyosarcoma reveals candidate target genes important for development and cancer. <i>Cancer Research</i> , 2010 , 70, 6497-508	10.1	167
269	Specific chromosomal aberrations and amplification of the AIB1 nuclear receptor coactivator gene in pancreatic carcinomas. <i>American Journal of Pathology</i> , 1999 , 154, 525-36	5.8	167
268	Analyses of resected human brain metastases of breast cancer reveal the association between up-regulation of hexokinase 2 and poor prognosis. <i>Molecular Cancer Research</i> , 2009 , 7, 1438-45	6.6	163
267	Sunitinib in patients with chemotherapy-refractory thymoma and thymic carcinoma: an open-label phase 2 trial. <i>Lancet Oncology</i> , 2015 , 16, 177-86	21.7	160
266	Expression profiling of synovial sarcoma by cDNA microarrays: association of ERBB2, IGFBP2, and ELF3 with epithelial differentiation. <i>American Journal of Pathology</i> , 2002 , 161, 1587-95	5.8	160
265	Microarray expression profiling in melanoma reveals a BRAF mutation signature. <i>Oncogene</i> , 2004 , 23, 4060-7	9.2	159
264	Molecular classification of familial non-BRCA1/BRCA2 breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2532-7	11.5	157
263	Genome-wide association study identifies two susceptibility loci for osteosarcoma. <i>Nature Genetics</i> , 2013 , 45, 799-803	36.3	156
262	Point Mutations in Exon 1B of APC Reveal Gastric Adenocarcinoma and Proximal Polyposis of the Stomach as a Familial Adenomatous Polyposis Variant. <i>American Journal of Human Genetics</i> , 2016 , 98, 830-842	11	153
261	Differential responses of stress genes to low dose-rate gamma irradiation. <i>Molecular Cancer Research</i> , 2003 , 1, 445-52	6.6	149
260	Telomere capture stabilizes chromosome breakage. <i>Nature Genetics</i> , 1993 , 4, 252-5	36.3	148
259	Immunohistochemical loss of succinate dehydrogenase subunit A (SDHA) in gastrointestinal stromal tumors (GISTs) signals SDHA germline mutation. <i>American Journal of Surgical Pathology</i> , 2013 , 37, 234-40	6.7	145
258	Evidence for an unanticipated relationship between undifferentiated pleomorphic sarcoma and embryonal rhabdomyosarcoma. <i>Cancer Cell</i> , 2011 , 19, 177-91	24.3	142

257	Expression profiling in cancer using cDNA microarrays. <i>Electrophoresis</i> , 1999 , 20, 223-9	3.6	139
256	TRAIL induces apoptosis in triple-negative breast cancer cells with a mesenchymal phenotype. <i>Breast Cancer Research and Treatment</i> , 2009 , 113, 217-30	4.4	138
255	DNA Breaks and End Resection Measured Genome-wide by End Sequencing. <i>Molecular Cell</i> , 2016 , 63, 898-911	17.6	136
254	A molecular function map of Ewing sarcoma. <i>PLoS ONE</i> , 2009 , 4, e5415	3.7	135
253	Activity of durvalumab plus olaparib in metastatic castration-resistant prostate cancer in men with and without DNA damage repair mutations 2018 , 6, 141		132
252	A specific missense mutation in GTF2I occurs at high frequency in thymic epithelial tumors. <i>Nature Genetics</i> , 2014 , 46, 844-9	36.3	130
251	Recurrent epimutation of SDHC in gastrointestinal stromal tumors. <i>Science Translational Medicine</i> , 2014 , 6, 268ra177	17.5	129
250	A genome-based strategy uncovers frequent BRAF mutations in melanoma. <i>Cancer Cell</i> , 2002 , 2, 5-7	24.3	128
249	A polymorphism in IRF4 affects human pigmentation through a tyrosinase-dependent MITF/TFAP2A pathway. <i>Cell</i> , 2013 , 155, 1022-33	56.2	127
248	Identification of cryptic sites of DNA sequence amplification in human breast cancer by chromosome microdissection. <i>Nature Genetics</i> , 1994 , 8, 155-61	36.3	124
247	Biology of childhood osteogenic sarcoma and potential targets for therapeutic development: meeting summary. <i>Clinical Cancer Research</i> , 2003 , 9, 5442-53	12.9	124
246	Molecular determinants of human uveal melanoma invasion and metastasis. <i>Clinical and Experimental Metastasis</i> , 2002 , 19, 233-46	4.7	123
245	Gene-target recognition among members of the myc superfamily and implications for oncogenesis. <i>Nature Genetics</i> , 2000 , 24, 113-9	36.3	122
244	Vorinostat inhibits brain metastatic colonization in a model of triple-negative breast cancer and induces DNA double-strand breaks. <i>Clinical Cancer Research</i> , 2009 , 15, 6148-57	12.9	119
243	Expression of multiple molecular phenotypes by aggressive melanoma tumor cells: role in vasculogenic mimicry. <i>Critical Reviews in Oncology/Hematology</i> , 2002 , 44, 17-27	7	119
242	Interaction between the microbiome and TP53 in human lung cancer. <i>Genome Biology</i> , 2018 , 19, 123	18.3	118
241	Stress-specific signatures: expression profiling of p53 wild-type and -null human cells. <i>Oncogene</i> , 2005 , 24, 4572-9	9.2	116
240	Molecular cytogenetic analysis of i(12p)-negative human male germ cell tumors. <i>Genes Chromosomes and Cancer</i> , 1993 , 8, 230-6	5	116

239	Array comparative genomic hybridization-based characterization of genetic alterations in pulmonary neuroendocrine tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13040-5	11.5	113
238	Multivariate measurement of gene expression relationships. <i>Genomics</i> , 2000 , 67, 201-9	4.3	112
237	Characterization of the 12q13-15 amplicon in soft tissue tumors. <i>Cancer Genetics and Cytogenetics</i> , 1995 , 83, 32-6		109
236	Toward a drug development path that targets metastatic progression in osteosarcoma. <i>Clinical Cancer Research</i> , 2014 , 20, 4200-9	12.9	103
235	Generation of band-specific painting probes from a single microdissected chromosome. <i>Human Molecular Genetics</i> , 1993 , 2, 1117-21	5.6	103
234	Expression of the cytoskeleton linker protein ezrin in human cancers. <i>Clinical and Experimental Metastasis</i> , 2007 , 24, 69-78	4.7	102
233	Loss-of-function fibroblast growth factor receptor-2 mutations in melanoma. <i>Molecular Cancer Research</i> , 2009 , 7, 41-54	6.6	100
232	Rapid generation of whole chromosome painting probes (WCPs) by chromosome microdissection. <i>Genomics</i> , 1994 , 22, 101-7	4.3	100
231	Methylation profiling of mediastinal gray zone lymphoma reveals a distinctive signature with elements shared by classical Hodgkin lymphoma and primary mediastinal large B-cell lymphoma. <i>Haematologica</i> , 2011 , 96, 558-66	6.6	99
230	Nm23-H1 suppresses tumor cell motility by down-regulating the lysophosphatidic acid receptor EDG2. <i>Cancer Research</i> , 2007 , 67, 7238-46	10.1	99
229	Genome-wide expression changes induced by HTLV-1 Tax: evidence for MLK-3 mixed lineage kinase involvement in Tax-mediated NF-kappaB activation. <i>Oncogene</i> , 2001 , 20, 4484-96	9.2	98
228	Effects of ligand and thyroid hormone receptor isoforms on hepatic gene expression profiles of thyroid hormone receptor knockout mice. <i>EMBO Reports</i> , 2003 , 4, 581-7	6.5	96
227	Genome-wide depletion of replication initiation events in highly transcribed regions. <i>Genome Research</i> , 2011 , 21, 1822-32	9.7	95
226	An unliganded thyroid hormone beta receptor activates the cyclin D1/cyclin-dependent kinase/retinoblastoma/E2F pathway and induces pituitary tumorigenesis. <i>Molecular and Cellular Biology</i> , 2005 , 25, 124-35	4.8	93
225	An Integrated Prognostic Classifier for Stage I Lung Adenocarcinoma Based on mRNA, microRNA, and DNA Methylation Biomarkers. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 1037-48	8.9	86
224	Separate amplified regions encompassing CDK4 and MDM2 in human sarcomas. <i>Genes Chromosomes and Cancer</i> , 1996 , 17, 254-9	5	86
223	Disease fingerprinting with cDNA microarrays reveals distinct gene expression profiles in lethal type 1 and type 2 cytokine-mediated inflammatory reactions. <i>FASEB Journal</i> , 2001 , 15, 2545-7	0.9	85
222	Archival fine-needle aspiration cytopathology (FNAC) samples: untapped resource for clinical molecular profiling. <i>Journal of Molecular Diagnostics</i> , 2010 , 12, 739-45	5.1	83

221	Clinical differentiation between Proteus syndrome and hemihyperplasia: description of a distinct form of hemihyperplasia. <i>American Journal of Medical Genetics Part A</i> , 1998 , 79, 311-8		83
220	Focus on sarcomas. <i>Cancer Cell</i> , 2002 , 2, 175-8	24.3	81
219	DNA methylation profiling identifies global methylation differences and markers of adrenocortical tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1004-13	5.6	80
218	General nonlinear framework for the analysis of gene interaction via multivariate expression arrays. <i>Journal of Biomedical Optics</i> , 2000 , 5, 411-24	3.5	79
217	Transcriptional activation by the thyroid hormone receptor through ligand-dependent receptor recruitment and chromatin remodelling. <i>Nature Communications</i> , 2015 , 6, 7048	17.4	77
216	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. <i>Human Molecular Genetics</i> , 2014 , 23, 6616-33	5.6	77
215	The synovial-sarcoma-associated SS18-SSX2 fusion protein induces epigenetic gene (de)regulation. <i>Cancer Research</i> , 2006 , 66, 9474-82	10.1	76
214	Oncogenic ETS fusions deregulate E2F3 target genes in Ewing sarcoma and prostate cancer. <i>Genome Research</i> , 2013 , 23, 1797-809	9.7	75
213	Nonrandom chromosome alterations in rhabdomyosarcoma. <i>Cancer Genetics and Cytogenetics</i> , 1985 , 16, 189-97		74
212	Positively selected enhancer elements endow osteosarcoma cells with metastatic competence. <i>Nature Medicine</i> , 2018 , 24, 176-185	50.5	72
211	Chromothripsis and focal copy number alterations determine poor outcome in malignant melanoma. <i>Cancer Research</i> , 2013 , 73, 1454-60	10.1	72
210	A Genome-Wide Scan Identifies Variants in NFIB Associated with Metastasis in Patients with Osteosarcoma. <i>Cancer Discovery</i> , 2015 , 5, 920-31	24.4	71
209	A p21-ZEB1 complex inhibits epithelial-mesenchymal transition through the microRNA 183-96-182 cluster. <i>Molecular and Cellular Biology</i> , 2014 , 34, 533-50	4.8	70
208	Separate and variably shaped chromosome arm domains are disclosed by chromosome arm painting in human cell nuclei. <i>Chromosome Research</i> , 1998 , 6, 25-33	4.4	70
207	The gene expression response of breast cancer to growth regulators: patterns and correlation with tumor expression profiles. <i>Cancer Research</i> , 2003 , 63, 7158-66	10.1	70
206	Unfavorable prognosis of CRTC1-MAML2 positive mucoepidermoid tumors with CDKN2A deletions. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 59-69	5	69
205	CDC91L1 (PIG-U) is a newly discovered oncogene in human bladder cancer. <i>Nature Medicine</i> , 2004 , 10, 374-81	50.5	69
204	Lipid defect underlies selective skin barrier impairment of an epidermal-specific deletion of Gata-3. <i>Journal of Cell Biology</i> , 2006 , 175, 661-70	7.3	66

203	SLFN11 Is a Transcriptional Target of EWS-FLI1 and a Determinant of Drug Response in Ewing Sarcoma. <i>Clinical Cancer Research</i> , 2015 , 21, 4184-93	12.9	65
202	Suppressor role of activating transcription factor 2 (ATF2) in skin cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1674-9	11.5	65
201	Twelve amplified and expressed genes localized in a single domain in glioma. <i>Human Genetics</i> , 1996 , 98, 625-8	6.3	65
200	Rapid generation of region-specific genomic clones by chromosome microdissection: isolation of DNA from a region frequently deleted in malignant melanoma. <i>Genomics</i> , 1992 , 14, 680-4	4.3	65
199	Lineage of origin in rhabdomyosarcoma informs pharmacological response. <i>Genes and Development</i> , 2014 , 28, 1578-91	12.6	64
198	Thyroid hormone responsive genes in cultured human fibroblasts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 936-43	5.6	64
197	Translocation 1;7 in hematologic disorders: a brief review of 22 cases. <i>Cancer Genetics and Cytogenetics</i> , 1985 , 18, 207-13		64
196	Generation and analysis of melanoma SAGE libraries: SAGE advice on the melanoma transcriptome. <i>Oncogene</i> , 2004 , 23, 2264-74	9.2	62
195	Identification and cloning of the human homolog (JAG1) of the rat Jagged1 gene from the Alagille syndrome critical region at 20p12. <i>Genomics</i> , 1997 , 43, 376-9	4.3	60
194	Phenol oxidase activation in Drosophila: a cascade of reactions. <i>Biochemical Genetics</i> , 1975 , 13, 85-108	2.4	60
193	Antagonistic cross-regulation between Sox9 and Sox10 controls an anti-tumorigenic program in melanoma. <i>PLoS Genetics</i> , 2015 , 11, e1004877	6	59
192	A chromatin structure-based model accurately predicts DNA replication timing in human cells. <i>Molecular Systems Biology</i> , 2014 , 10, 722	12.2	59
191	Alterations in genomic profiles during tumor progression in a mouse model of follicular thyroid carcinoma. <i>Carcinogenesis</i> , 2003 , 24, 1467-79	4.6	59
190	Biological indicators for the identification of ionizing radiation exposure in humans. <i>Expert Review of Molecular Diagnostics</i> , 2001 , 1, 211-9	3.8	59
189	Characterization of the metastatic phenotype of a panel of established osteosarcoma cells. <i>Oncotarget</i> , 2015 , 6, 29469-81	3.3	58
188	Mutant thyroid hormone receptor beta represses the expression and transcriptional activity of peroxisome proliferator-activated receptor gamma during thyroid carcinogenesis. <i>Cancer Research</i> , 2003 , 63, 5274-80	10.1	58
187	Hypoxia modulates EWS-FLI1 transcriptional signature and enhances the malignant properties of Ewing sarcoma cells in vitro. <i>Cancer Research</i> , 2010 , 70, 4015-23	10.1	54
186	Microarray analysis of knockout mice identifies cyclin D2 as a possible mediator for the action of thyroid hormone during the postnatal development of the cerebellum. <i>Developmental Biology</i> , 2003 , 254, 188-99	3.1	54

185	NUP98-PHF23 is a chromatin-modifying oncoprotein that causes a wide array of leukemias sensitive to inhibition of PHD histone reader function. <i>Cancer Discovery</i> , 2014 , 4, 564-77	24.4	53
184	Genomic aberrations in pediatric diffuse intrinsic pontine gliomas. <i>Neuro-Oncology</i> , 2012 , 14, 326-32	1	53
183	Provocative questions in osteosarcoma basic and translational biology: A report from the Children's Oncology Group. <i>Cancer</i> , 2019 , 125, 3514-3525	6.4	51
182	Molecular grading of ductal carcinoma in situ of the breast. <i>Clinical Cancer Research</i> , 2008 , 14, 8244-52	12.9	50
181	Expression and mutational status of c-kit in thymic epithelial tumors. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 1447-53	8.9	48
180	Differentially painting human chromosome arms with combined binary ratio-labeling fluorescence in situ hybridization. <i>Genome Research</i> , 2000 , 10, 861-5	9.7	48
179	Molecular cytogenetic characterization and physical mapping of 12q13-15 amplification in human cancers. <i>Genes Chromosomes and Cancer</i> , 1996 , 17, 205-14	5	47
178	Genome-wide methylation patterns in papillary thyroid cancer are distinct based on histological subtype and tumor genotype. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E329-37	5.6	46
177	Large-scale profiling of archival lymph nodes reveals pervasive remodeling of the follicular lymphoma methylome. <i>Cancer Research</i> , 2009 , 69, 758-64	10.1	46
176	Spotting the target: microarrays for disease gene discovery. <i>Current Opinion in Genetics and Development</i> , 2001 , 11, 258-63	4.9	46
175	Complete sequence analysis of a gene (OS-9) ubiquitously expressed in human tissues and amplified in sarcomas. <i>Molecular Carcinogenesis</i> , 1996 , 15, 270-5	5	46
174	Related subunits of NF-kappa B map to two distinct loci associated with translocations in leukemia, NFKB1 and NFKB2. <i>Genomics</i> , 1992 , 13, 287-92	4.3	45
173	Harnessing synthetic lethality to predict the response to cancer treatment. <i>Nature Communications</i> , 2018 , 9, 2546	17.4	44
172	ATP11B mediates platinum resistance in ovarian cancer. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2119-30	13.9	44
171	Discovery and validation of methylation markers for endometrial cancer. <i>International Journal of Cancer</i> , 2014 , 135, 1860-8	7.5	43
170	Assessment of automated image analysis of breast cancer tissue microarrays for epidemiologic studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 992-9	4	43
169	Alpha-globulins suppress human leukocyte tumor necrosis factor secretion. <i>European Journal of Immunology</i> , 1989 , 19, 939-42	6.1	42
168	Verapamil suppresses the emergence of P-glycoprotein-mediated multi-drug resistance. <i>International Journal of Cancer</i> , 1996 , 66, 520-5	7.5	41

167	Characterization of a highly conserved gene (OS4) amplified with CDK4 in human sarcomas. <i>Oncogene</i> , 1997 , 15, 1289-94	9.2	39
166	Transgenic targeting of a dominant negative corepressor to liver blocks basal repression by thyroid hormone receptor and increases cell proliferation. <i>Journal of Biological Chemistry</i> , 2001 , 276, 15066-72	5.4	39
165	Role of glutathione and its associated enzymes in multidrug-resistant human myeloma cells. <i>Biochemical Pharmacology</i> , 1989 , 38, 787-93	6	39
164	Bromodomain and Extraterminal Protein Inhibitor JQ1 Suppresses Thyroid Tumor Growth in a Mouse Model. <i>Clinical Cancer Research</i> , 2017 , 23, 430-440	12.9	38
163	The second European interdisciplinary Ewing sarcoma research summit--A joint effort to deconstructing the multiple layers of a complex disease. <i>Oncotarget</i> , 2016 , 7, 8613-24	3.3	38
162	Preferential localization of human origins of DNA replication at the 5' ends of expressed genes and at evolutionarily conserved DNA sequences. <i>PLoS ONE</i> , 2011 , 6, e17308	3.7	37
161	Imprints and DPPA3 are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. <i>Genome Research</i> , 2016 , 26, 1490-1504	9.7	35
160	Detection of antisense and ribozyme accessible sites on native mRNAs: application to NCOA3 mRNA. <i>Molecular Therapy</i> , 2001 , 4, 454-60	11.7	35
159	The NCI-60 Methylome and Its Integration into CellMiner. <i>Cancer Research</i> , 2017 , 77, 601-612	10.1	34
158	A combined approach identifies a limited number of new thyroid hormone target genes in post-natal mouse cerebellum. <i>Journal of Molecular Endocrinology</i> , 2007 , 39, 17-28	4.5	34
157	G-cimp status prediction of glioblastoma samples using mRNA expression data. <i>PLoS ONE</i> , 2012 , 7, e47839	3.9	34
156	Biomarker significance of plasma and tumor miR-21, miR-221, and miR-106a in osteosarcoma. <i>Oncotarget</i> , 2017 , 8, 96738-96752	3.3	34
155	Melanoblast transcriptome analysis reveals pathways promoting melanoma metastasis. <i>Nature Communications</i> , 2020 , 11, 333	17.4	33
154	EWS-FLI1 employs an E2F switch to drive target gene expression. <i>Nucleic Acids Research</i> , 2015 , 43, 2780-2	10.1	32
153	Inhibition of Polo-like kinase 1 prevents the growth of metastatic breast cancer cells in the brain. <i>Clinical and Experimental Metastasis</i> , 2011 , 28, 899-908	4.7	32
152	Modulation of transcriptional sensitivity of mineralocorticoid and estrogen receptors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 91, 197-210	5.1	32
151	Chromosome arm-specific multicolor FISH. <i>Genes Chromosomes and Cancer</i> , 2001 , 30, 105-9	5	32
150	SCLC-CellMiner: A Resource for Small Cell Lung Cancer Cell Line Genomics and Pharmacology Based on Genomic Signatures. <i>Cell Reports</i> , 2020 , 33, 108296	10.6	32

149	Post-transcriptional dysregulation by miRNAs is implicated in the pathogenesis of gastrointestinal stromal tumor [GIST]. <i>PLoS ONE</i> , 2013 , 8, e64102	3.7	31
148	Negative regulation of TSHalpha target gene by thyroid hormone involves histone acetylation and corepressor complex dissociation. <i>Molecular Endocrinology</i> , 2009 , 23, 600-9		31
147	Transcript mapping in a 46-kb sequenced region at the core of 12q13.3 amplification in human cancers. <i>Genomics</i> , 1997 , 42, 295-301	4.3	31
146	Micro-environment causes reversible changes in DNA methylation and mRNA expression profiles in patient-derived glioma stem cells. <i>PLoS ONE</i> , 2014 , 9, e94045	3.7	30
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