

Chad J Creighton

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.

320
papers

30,302
citations

81
h-index

167
g-index

342
ext. papers

39,250
ext. citations

10.8
avg, IF

6.82
L-index

#	Paper	IF	Citations
320	UALCAN: A Portal for Facilitating Tumor Subgroup Gene Expression and Survival Analyses. <i>Neoplasia</i> , 2017 , 19, 649-658	6.4	2229
319	The Immune Landscape of Cancer. <i>Immunity</i> , 2018 , 48, 812-830.e14	32.3	1754
318	Oncogenic Signaling Pathways in The Cancer Genome Atlas. <i>Cell</i> , 2018 , 173, 321-337.e10	56.2	1124
317	Residual breast cancers after conventional therapy display mesenchymal as well as tumor-initiating features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13820-5	11.5	1074
316	Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer. <i>Cell</i> , 2018 , 173, 291-304.e6	56.2	888
315	Comprehensive Characterization of Cancer Driver Genes and Mutations. <i>Cell</i> , 2018 , 173, 371-385.e18	56.2	854
314	A genome-wide RNAi screen identifies multiple synthetic lethal interactions with the Ras oncogene. <i>Cell</i> , 2009 , 137, 835-48	56.2	784
313	Comprehensive Molecular Characterization of Papillary Renal-Cell Carcinoma. <i>New England Journal of Medicine</i> , 2016 , 374, 135-45	59.2	753
312	Widespread deregulation of microRNA expression in human prostate cancer. <i>Oncogene</i> , 2008 , 27, 1788-93	9.2	545
311	The somatic genomic landscape of chromophobe renal cell carcinoma. <i>Cancer Cell</i> , 2014 , 26, 319-330	24.3	521
310	Trans-ancestry mutational landscape of hepatocellular carcinoma genomes. <i>Nature Genetics</i> , 2014 , 46, 1267-73	36.3	491
309	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. <i>Cell Reports</i> , 2018 , 23, 239-254.e6	10.6	405
308	Closely related T-memory stem cells correlate with in vivo expansion of CAR.CD19-T cells and are preserved by IL-7 and IL-15. <i>Blood</i> , 2014 , 123, 3750-9	2.2	381
307	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. <i>Cancer Cell</i> , 2018 , 33, 676-689.e3	14.3	377
306	Contextual extracellular cues promote tumor cell EMT and metastasis by regulating miR-200 family expression. <i>Genes and Development</i> , 2009 , 23, 2140-51	12.6	376
305	Tamoxifen resistance in breast tumors is driven by growth factor receptor signaling with repression of classic estrogen receptor genomic function. <i>Cancer Research</i> , 2008 , 68, 826-33	10.1	365
304	TAp63 suppresses metastasis through coordinate regulation of Dicer and miRNAs. <i>Nature</i> , 2010 , 467, 986-90	50.4	353

303	An Integrated Metabolic Atlas of Clear Cell Renal Cell Carcinoma. <i>Cancer Cell</i> , 2016 , 29, 104-116	24.3	335
302	A SUMOylation-dependent transcriptional subprogram is required for Myc-driven tumorigenesis. <i>Science</i> , 2012 , 335, 348-53	33.3	315
301	MDA-MB-435 cells are derived from M14 melanoma cells--a loss for breast cancer, but a boon for melanoma research. <i>Breast Cancer Research and Treatment</i> , 2007 , 104, 13-9	4.4	300
300	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. <i>Cell Reports</i> , 2018 , 23, 313-326.e5	10.6	295
299	A Pan-Cancer Proteogenomic Atlas of PI3K/AKT/mTOR Pathway Alterations. <i>Cancer Cell</i> , 2017 , 31, 820-832.e3	24.9	286
298	Identification of diverse astrocyte populations and their malignant analogs. <i>Nature Neuroscience</i> , 2017 , 20, 396-405	25.5	275
297	High-grade serous ovarian cancer arises from fallopian tube in a mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3921-6	11.5	270
296	Expression profiling of microRNAs by deep sequencing. <i>Briefings in Bioinformatics</i> , 2009 , 10, 490-7	13.4	249
295	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. <i>Cell Reports</i> , 2018 , 23, 227-238.e3	10.6	235
294	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. <i>Cell Reports</i> , 2016 , 14, 2476-89	10.6	228
293	Activation of multiple proto-oncogenic tyrosine kinases in breast cancer via loss of the PTPN12 phosphatase. <i>Cell</i> , 2011 , 144, 703-18	56.2	214
292	Insulin-like growth factor-I activates gene transcription programs strongly associated with poor breast cancer prognosis. <i>Journal of Clinical Oncology</i> , 2008 , 26, 4078-85	2.2	214
291	Epithelial-mesenchymal transition (EMT) in tumor-initiating cells and its clinical implications in breast cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2010 , 15, 253-60	2.4	210
290	Molecular profiling uncovers a p53-associated role for microRNA-31 in inhibiting the proliferation of serous ovarian carcinomas and other cancers. <i>Cancer Research</i> , 2010 , 70, 1906-15	10.1	209
289	A link between mir-100 and FRAP1/mTOR in clear cell ovarian cancer. <i>Molecular Endocrinology</i> , 2010 , 24, 447-63		198
288	Activation of mitogen-activated protein kinase in estrogen receptor alpha-positive breast cancer cells in vitro induces an in vivo molecular phenotype of estrogen receptor alpha-negative human breast tumors. <i>Cancer Research</i> , 2006 , 66, 3903-11	10.1	190
287	Proinflammatory role for let-7 microRNAs in experimental asthma. <i>Journal of Biological Chemistry</i> , 2010 , 285, 30139-49	5.4	186
286	Functional microRNA involved in endometriosis. <i>Molecular Endocrinology</i> , 2011 , 25, 821-32		186

285	Integrative genomics analysis reveals silencing of beta-adrenergic signaling by polycomb in prostate cancer. <i>Cancer Cell</i> , 2007 , 12, 419-31	24.3	185
284	Proteomic and transcriptomic profiling reveals a link between the PI3K pathway and lower estrogen-receptor (ER) levels and activity in ER+ breast cancer. <i>Breast Cancer Research</i> , 2010 , 12, R40	8.3	182
283	Perspective on Oncogenic Processes at the End of the Beginning of Cancer Genomics. <i>Cell</i> , 2018 , 173, 305-320.e10	56.2	166
282	Ki67 Proliferation Index as a Tool for Chemotherapy Decisions During and After Neoadjuvant Aromatase Inhibitor Treatment of Breast Cancer: Results From the American College of Surgeons Oncology Group Z1031 Trial (Alliance). <i>Journal of Clinical Oncology</i> , 2017 , 35, 1061-1069	2.2	164
281	VEGF drives cancer-initiating stem cells through VEGFR-2/Stat3 signaling to upregulate Myc and Sox2. <i>Oncogene</i> , 2015 , 34, 3107-19	9.2	163
280	Cleavage of fibrinogen by proteinases elicits allergic responses through Toll-like receptor 4. <i>Science</i> , 2013 , 341, 792-6	33.3	159
279	Fatty Acid Oxidation-Driven Src Links Mitochondrial Energy Reprogramming and Oncogenic Properties in Triple-Negative Breast Cancer. <i>Cell Reports</i> , 2016 , 14, 2154-2165	10.6	159
278	The Notch ligand Jagged2 promotes lung adenocarcinoma metastasis through a miR-200-dependent pathway in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1373-85	15.9	154
277	Comprehensive Molecular Characterization of the Hippo Signaling Pathway in Cancer. <i>Cell Reports</i> , 2018 , 25, 1304-1317.e5	10.6	152
276	Pan-cancer molecular subtypes revealed by mass-spectrometry-based proteomic characterization of more than 500 human cancers. <i>Nature Communications</i> , 2019 , 10, 5679	17.4	150
275	Genomic basis for RNA alterations in cancer. <i>Nature</i> , 2020 , 578, 129-136	50.4	148
274	miR-200 Inhibits lung adenocarcinoma cell invasion and metastasis by targeting Flt1/VEGFR1. <i>Molecular Cancer Research</i> , 2011 , 9, 25-35	6.6	148
273	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. <i>Cell Reports</i> , 2018 , 23, 194-212.e6	10.6	146
272	Deregulation of MYCN, LIN28B and LET7 in a molecular subtype of aggressive high-grade serous ovarian cancers. <i>PLoS ONE</i> , 2011 , 6, e18064	3.7	143
271	An epigenomic approach to therapy for tamoxifen-resistant breast cancer. <i>Cell Research</i> , 2014 , 24, 809-124.7	14.7	132
270	Change in Neutrophil-to-lymphocyte ratio (NLR) in response to immune checkpoint blockade for metastatic renal cell carcinoma 2018 , 6, 5		129
269	COUP-TFII inhibits TGF- β -induced growth barrier to promote prostate tumorigenesis. <i>Nature</i> , 2013 , 493, 236-40	50.4	125
268	Global gene expression analysis of reactive stroma in prostate cancer. <i>Clinical Cancer Research</i> , 2009 , 15, 3979-89	12.9	123

267	A bioinformatics tool for linking gene expression profiling results with public databases of microRNA target predictions. <i>Rna</i> , 2008 , 14, 2290-6	5.8	121
266	ZEB1 drives prometastatic actin cytoskeletal remodeling by downregulating miR-34a expression. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3170-83	15.9	119
265	The molecular profile of luminal B breast cancer. <i>Biologics: Targets and Therapy</i> , 2012 , 6, 289-97	4.4	116
264	Drug-repositioning screening identified piperlongumine as a direct STAT3 inhibitor with potent activity against breast cancer. <i>Oncogene</i> , 2015 , 34, 1341-53	9.2	115
263	Cancer-Associated Fibroblasts Induce a Collagen Cross-link Switch in Tumor Stroma. <i>Molecular Cancer Research</i> , 2016 , 14, 287-95	6.6	114
262	CXCR4/CXCL12 mediate autocrine cell- cycle progression in NF1-associated malignant peripheral nerve sheath tumors. <i>Cell</i> , 2013 , 152, 1077-90	56.2	113
261	Targets of the tumor suppressor miR-200 in regulation of the epithelial-mesenchymal transition in cancer. <i>Cancer Research</i> , 2011 , 71, 7670-82	10.1	113
260	The SWI/SNF Protein PBRM1 Restrains VHL-Loss-Driven Clear Cell Renal Cell Carcinoma. <i>Cell Reports</i> , 2017 , 18, 2893-2906	10.6	109
259	ZEB1 induces LOXL2-mediated collagen stabilization and deposition in the extracellular matrix to drive lung cancer invasion and metastasis. <i>Oncogene</i> , 2017 , 36, 1925-1938	9.2	108
258	Exosome-Derived miR-25-3p and miR-92a-3p Stimulate Liposarcoma Progression. <i>Cancer Research</i> , 2017 , 77, 3846-3856	10.1	107
257	Development of resistance to targeted therapies transforms the clinically associated molecular profile subtype of breast tumor xenografts. <i>Cancer Research</i> , 2008 , 68, 7493-501	10.1	107
256	Comprehensive molecular characterization of mitochondrial genomes in human cancers. <i>Nature Genetics</i> , 2020 , 52, 342-352	36.3	105
255	The role of epithelial-mesenchymal transition programming in invasion and metastasis: a clinical perspective. <i>Cancer Management and Research</i> , 2013 , 5, 187-95	3.6	102
254	Lysyl hydroxylase 2 induces a collagen cross-link switch in tumor stroma. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1147-62	15.9	102
253	Pten inactivation accelerates oncogenic K-ras-initiated tumorigenesis in a mouse model of lung cancer. <i>Cancer Research</i> , 2008 , 68, 1119-27	10.1	101
252	Identification of Variant-Specific Functions of PIK3CA by Rapid Phenotyping of Rare Mutations. <i>Cancer Research</i> , 2015 , 75, 5341-54	10.1	99
251	High IGF-IR activity in triple-negative breast cancer cell lines and tumorgrafts correlates with sensitivity to anti-IGF-IR therapy. <i>Clinical Cancer Research</i> , 2011 , 17, 2314-27	12.9	99
250	Genes regulated by estrogen in breast tumor cells in vitro are similarly regulated in vivo in tumor xenografts and human breast tumors. <i>Genome Biology</i> , 2006 , 7, R28	18.3	98

249	Integrated analyses of microRNAs demonstrate their widespread influence on gene expression in high-grade serous ovarian carcinoma. <i>PLoS ONE</i> , 2012 , 7, e34546	3.7	94
248	Role of neoplastic monocyte-derived fibrocytes in primary myelofibrosis. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1723-40	16.6	93
247	The miR-200 family and the miR-183~96~182 cluster target Foxf2 to inhibit invasion and metastasis in lung cancers. <i>Oncogene</i> , 2016 , 35, 173-86	9.2	91
246	FOXA1 overexpression mediates endocrine resistance by altering the ER transcriptome and IL-8 expression in ER-positive breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6600-E6609	11.5	91
245	ZEB1 sensitizes lung adenocarcinoma to metastasis suppression by PI3K antagonism. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2696-708	15.9	90
244	MiR-155 is a liposarcoma oncogene that targets casein kinase-1 and enhances E-catenin signaling. <i>Cancer Research</i> , 2012 , 72, 1751-62	10.1	88
243	Invasive Bladder Cancer: Genomic Insights and Therapeutic Promise. <i>Clinical Cancer Research</i> , 2015 , 21, 4514-24	12.9	85
242	Discovery of novel microRNAs in female reproductive tract using next generation sequencing. <i>PLoS ONE</i> , 2010 , 5, e9637	3.7	84
241	Integrative radiogenomic profiling of squamous cell lung cancer. <i>Cancer Research</i> , 2013 , 73, 6289-98	10.1	83
240	NKD2, a negative regulator of Wnt signaling, suppresses tumor growth and metastasis in osteosarcoma. <i>Oncogene</i> , 2015 , 34, 5069-79	9.2	80
239	Molecular profiles of progesterone receptor loss in human breast tumors. <i>Breast Cancer Research and Treatment</i> , 2009 , 114, 287-99	4.4	79
238	CBMT-23. MODULATION OF HYPERSYNAPTIC MICROENVIRONMENT DIFFERENTIALLY PROMOTES GLIOMAGENESIS ACROSS PIK3CA VARIANTS. <i>Neuro-Oncology</i> , 2018 , 20, vi37-vi37	1	78
237	A functional annotation of subproteomes in human plasma. <i>Proteomics</i> , 2005 , 5, 3506-19	4.8	77
236	Ampullary Cancers Harbor ELF3 Tumor Suppressor Gene Mutations and Exhibit Frequent WNT Dysregulation. <i>Cell Reports</i> , 2016 , 14, 907-919	10.6	75
235	Multiplatform-based molecular subtypes of non-small-cell lung cancer. <i>Oncogene</i> , 2017 , 36, 1384-1393	9.2	75
234	Dysregulation of miRNAs-COUP-TFII-FOXM1-CENPF axis contributes to the metastasis of prostate cancer. <i>Nature Communications</i> , 2016 , 7, 11418	17.4	74
233	Localized and metastatic myxoid/round cell liposarcoma: clinical and molecular observations. <i>Cancer</i> , 2013 , 119, 1868-77	6.4	74
232	Osteoblast-Secreted Factors Mediate Dormancy of Metastatic Prostate Cancer in the Bone via Activation of the TGFβIII-p38MAPK-pS249/T252RB Pathway. <i>Cancer Research</i> , 2018 , 78, 2911-2924	10.1	73

231	A Landscape of Metabolic Variation across Tumor Types. <i>Cell Systems</i> , 2018 , 6, 301-313.e3	10.6	73
230	The Mef2 transcription network is disrupted in myotonic dystrophy heart tissue, dramatically altering miRNA and mRNA expression. <i>Cell Reports</i> , 2014 , 6, 336-45	10.6	73
229	Genomic landscape and evolution of metastatic chromophobe renal cell carcinoma. <i>JCI Insight</i> , 2017 , 2,	9.9	72
228	Bone marrow stroma-secreted cytokines protect JAK2(V617F)-mutated cells from the effects of a JAK2 inhibitor. <i>Cancer Research</i> , 2011 , 71, 3831-40	10.1	70
227	Genomic classifications of renal cell carcinoma: a critical step towards the future application of personalized kidney cancer care with pan-omics precision. <i>Journal of Pathology</i> , 2018 , 244, 525-537	9.4	66
226	Crosstalk from non-cancerous mitochondria can inhibit tumor properties of metastatic cells by suppressing oncogenic pathways. <i>PLoS ONE</i> , 2013 , 8, e61747	3.7	65
225	Metabolomic profiling reveals a role for androgen in activating amino acid metabolism and methylation in prostate cancer cells. <i>PLoS ONE</i> , 2011 , 6, e21417	3.7	65
224	Identification of secreted proteins that mediate cell-cell interactions in an in vitro model of the lung cancer microenvironment. <i>Cancer Research</i> , 2008 , 68, 7237-45	10.1	64
223	Overexpression of miR-145-5p inhibits proliferation of prostate cancer cells and reduces SOX2 expression. <i>Cancer Investigation</i> , 2015 , 33, 251-8	2.1	63
222	KAP1 promotes proliferation and metastatic progression of breast cancer cells. <i>Cancer Research</i> , 2015 , 75, 344-55	10.1	63
221	Notch and TGF β form a reciprocal positive regulatory loop that suppresses murine prostate basal stem/progenitor cell activity. <i>Cell Stem Cell</i> , 2012 , 11, 676-88	18	63
220	miR-1 and miR-133b are differentially expressed in patients with recurrent prostate cancer. <i>PLoS ONE</i> , 2014 , 9, e98675	3.7	63
219	SAR405838: A Novel and Potent Inhibitor of the MDM2:p53 Axis for the Treatment of Dedifferentiated Liposarcoma. <i>Clinical Cancer Research</i> , 2016 , 22, 1150-60	12.9	62
218	Endocrine fibroblast growth factor FGF19 promotes prostate cancer progression. <i>Cancer Research</i> , 2013 , 73, 2551-62	10.1	62
217	Activin-like kinase 2 functions in peri-implantation uterine signaling in mice and humans. <i>PLoS Genetics</i> , 2013 , 9, e1003863	6	61
216	Expression signatures of metastatic capacity in a genetic mouse model of lung adenocarcinoma. <i>PLoS ONE</i> , 2009 , 4, e5401	3.7	60
215	Androgen deprivation-induced NCoA2 promotes metastatic and castration-resistant prostate cancer. <i>Journal of Clinical Investigation</i> , 2014 , 124, 5013-26	15.9	60
214	A chaperone in the HSP70 family controls production of extracellular fibrils in <i>Myxococcus xanthus</i> . <i>Journal of Bacteriology</i> , 1998 , 180, 5357-68	3.5	59

213	FGF23 promotes prostate cancer progression. <i>Oncotarget</i> , 2015 , 6, 17291-301	3.3	59
212	Identification of miR-139-5p as a saliva biomarker for tongue squamous cell carcinoma: a pilot study. <i>Cellular Oncology (Dordrecht)</i> , 2016 , 39, 187-93	7.2	58
211	T lymphocytes redirected against the chondroitin sulfate proteoglycan-4 control the growth of multiple solid tumors both in vitro and in vivo. <i>Clinical Cancer Research</i> , 2014 , 20, 962-71	12.9	58
210	Pathway-centric integrative analysis identifies RRM2 as a prognostic marker in breast cancer associated with poor survival and tamoxifen resistance. <i>Neoplasia</i> , 2014 , 16, 390-402	6.4	58
209	Expression of Long-chain Fatty Acyl-CoA Synthetase 4 in Breast and Prostate Cancers Is Associated with Sex Steroid Hormone Receptor Negativity. <i>Translational Oncology</i> , 2010 , 3, 91-8	4.9	58
208	The epidermal growth factor receptor critically regulates endometrial function during early pregnancy. <i>PLoS Genetics</i> , 2014 , 10, e1004451	6	57
207	Molecular and functional characteristics of ovarian surface epithelial cells transformed by KrasG12D and loss of Pten in a mouse model in vivo. <i>Oncogene</i> , 2011 , 30, 3522-36	9.2	57
206	A gene transcription signature of the Akt/mTOR pathway in clinical breast tumors. <i>Oncogene</i> , 2007 , 26, 4648-55	9.2	57
205	ErbB2 Pathway Activation upon Smad4 Loss Promotes Lung Tumor Growth and Metastasis. <i>Cell Reports</i> , 2015 , 10, 1599-1613	10.6	55
204	Increased Notch signalling inhibits anoikis and stimulates proliferation of prostate luminal epithelial cells. <i>Nature Communications</i> , 2014 , 5, 4416	17.4	55
203	Acceleration of the glycolytic flux by steroid receptor coactivator-2 is essential for endometrial decidualization. <i>PLoS Genetics</i> , 2013 , 9, e1003900	6	55
202	Pan-cancer survey of epithelial-mesenchymal transition markers across the Cancer Genome Atlas. <i>Developmental Dynamics</i> , 2018 , 247, 555-564	2.9	53
201	Analysis of tumor-host interactions by gene expression profiling of lung adenocarcinoma xenografts identifies genes involved in tumor formation. <i>Molecular Cancer Research</i> , 2005 , 3, 119-29	6.6	52
200	Non-Cell-Autonomous Regulation of Prostate Epithelial Homeostasis by Androgen Receptor. <i>Molecular Cell</i> , 2016 , 63, 976-89	17.6	52
199	PIK3CA variants selectively initiate brain hyperactivity during gliomagenesis. <i>Nature</i> , 2020 , 578, 166-171	50.4	50
198	Uterine leiomyosarcoma management, outcome, and associated molecular biomarkers: a single institution's experience. <i>Annals of Surgical Oncology</i> , 2013 , 20, 2364-72	3.1	50
197	The microRNA-200/Zeb1 axis regulates ECM-dependent α -integrin/FAK signaling, cancer cell invasion and metastasis through CRKL. <i>Scientific Reports</i> , 2016 , 6, 18652	4.9	50
196	Pan-Cancer Molecular Classes Transcending Tumor Lineage Across 32 Cancer Types, Multiple Data Platforms, and over 10,000 Cases. <i>Clinical Cancer Research</i> , 2018 , 24, 2182-2193	12.9	49

195	A Pan-Cancer Compendium of Genes Deregulated by Somatic Genomic Rearrangement across More Than 1,400 Cases. <i>Cell Reports</i> , 2018 , 24, 515-527	10.6	49
194	Suppression of relaxin receptor RXFP1 decreases prostate cancer growth and metastasis. <i>Endocrine-Related Cancer</i> , 2010 , 17, 1021-33	5.7	49
193	Map2k4 functions as a tumor suppressor in lung adenocarcinoma and inhibits tumor cell invasion by decreasing peroxisome proliferator-activated receptor α expression. <i>Molecular and Cellular Biology</i> , 2011 , 31, 4270-85	4.8	49
192	Epithelial-to-mesenchymal transition drives a pro-metastatic Golgi compaction process through scaffolding protein PAQR11. <i>Journal of Clinical Investigation</i> , 2017 , 127, 117-131	15.9	49
191	Decreased epithelial progesterone receptor A at the window of receptivity is required for preparation of the endometrium for embryo attachment. <i>Biology of Reproduction</i> , 2017 , 96, 313-326	3.9	48
190	Oncogenesis driven by the Ras/Raf pathway requires the SUMO E2 ligase Ubc9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1724-33	11.5	48
189	TMEM106B drives lung cancer metastasis by inducing TFEB-dependent lysosome synthesis and secretion of cathepsins. <i>Nature Communications</i> , 2018 , 9, 2731	17.4	48
188	Sarcomatoid Renal Cell Carcinoma Has a Distinct Molecular Pathogenesis, Driver Mutation Profile, and Transcriptional Landscape. <i>Clinical Cancer Research</i> , 2017 , 23, 6686-6696	12.9	48
187	Functional annotation of rare gene aberration drivers of pancreatic cancer. <i>Nature Communications</i> , 2016 , 7, 10500	17.4	47
186	Diagnosis, management, and outcome of patients with dedifferentiated liposarcoma systemic metastasis. <i>Annals of Surgical Oncology</i> , 2011 , 18, 3762-70	3.1	47
185	Macrophages promote the progression of premalignant mammary lesions to invasive cancer. <i>Oncotarget</i> , 2017 , 8, 50731-50746	3.3	47
184	HOXA1 drives melanoma tumor growth and metastasis and elicits an invasion gene expression signature that prognosticates clinical outcome. <i>Oncogene</i> , 2014 , 33, 1017-26	9.2	46
183	A small-molecule inhibitor targeting the mitotic spindle checkpoint impairs the growth of uterine leiomyosarcoma. <i>Clinical Cancer Research</i> , 2012 , 18, 3352-65	12.9	46
182	Fibroblast growth factor receptor signaling dramatically accelerates tumorigenesis and enhances oncoprotein translation in the mouse mammary tumor virus-Wnt-1 mouse model of breast cancer. <i>Cancer Research</i> , 2010 , 70, 4868-79	10.1	45
181	A genetic cell context-dependent role for ZEB1 in lung cancer. <i>Nature Communications</i> , 2016 , 7, 12231	17.4	44
180	Function of phosphorylation of NF- κ B p65 ser536 in prostate cancer oncogenesis. <i>Oncotarget</i> , 2015 , 6, 6281-94	3.3	44
179	Multiple oncogenic pathway signatures show coordinate expression patterns in human prostate tumors. <i>PLoS ONE</i> , 2008 , 3, e1816	3.7	44
178	UALCAN: An update to the integrated cancer data analysis platform.. <i>Neoplasia</i> , 2022 , 25, 18-27	6.4	44

177	Functional Annotation of ESR1 Gene Fusions in Estrogen Receptor-Positive Breast Cancer. <i>Cell Reports</i> , 2018 , 24, 1434-1444.e7	10.6	43
176	A gene transcription signature of obesity in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012 , 132, 993-1000	4.4	43
175	CCAAT/enhancer binding protein beta regulates stem cell activity and specifies luminal cell fate in the mammary gland. <i>Stem Cells</i> , 2010 , 28, 535-44	5.8	43
174	Distinct biological roles for the notch ligands Jagged-1 and Jagged-2. <i>Journal of Biological Chemistry</i> , 2009 , 284, 17766-74	5.4	42
173	MicroRNA expression profiling reveals the potential function of microRNA-31 in chordomas. <i>Journal of Neuro-Oncology</i> , 2013 , 115, 143-51	4.8	41
172	Constitutive activation of smoothened leads to female infertility and altered uterine differentiation in the mouse. <i>Biology of Reproduction</i> , 2010 , 82, 991-9	3.9	41
171	Novel microRNA candidates and miRNA-mRNA pairs in embryonic stem (ES) cells. <i>PLoS ONE</i> , 2008 , 3, e2548	3.7	41
170	Increased COUP-TFII expression in adult hearts induces mitochondrial dysfunction resulting in heart failure. <i>Nature Communications</i> , 2015 , 6, 8245	17.4	40
169	PI3K/mTOR inhibition can impair tumor invasion and metastasis in vivo despite a lack of antiproliferative action in vitro: implications for targeted therapy. <i>Breast Cancer Research and Treatment</i> , 2013 , 138, 369-81	4.4	40
168	Dual targeting of mTOR and aurora-A kinase for the treatment of uterine Leiomyosarcoma. <i>Clinical Cancer Research</i> , 2012 , 18, 4633-45	12.9	40
167	Circulating and disseminated tumor cells from breast cancer patient-derived xenograft-bearing mice as a novel model to study metastasis. <i>Breast Cancer Research</i> , 2015 , 17, 3	8.3	39
166	Atrx inactivation drives disease-defining phenotypes in glioma cells of origin through global epigenomic remodeling. <i>Nature Communications</i> , 2018 , 9, 1057	17.4	39
165	Song exposure regulates known and novel microRNAs in the zebra finch auditory forebrain. <i>BMC Genomics</i> , 2011 , 12, 277	4.5	39
164	Pregnancy-induced noncoding RNA (PINC) associates with polycomb repressive complex 2 and regulates mammary epithelial differentiation. <i>PLoS Genetics</i> , 2012 , 8, e1002840	6	39
163	COUP-TFII regulates human endometrial stromal genes involved in inflammation. <i>Molecular Endocrinology</i> , 2013 , 27, 2041-54		38
162	Targeting the Notch pathway: A potential therapeutic approach for desmoid tumors. <i>Cancer</i> , 2015 , 121, 4088-96	6.4	38
161	Profiling of pathway-specific changes in gene expression following growth of human cancer cell lines transplanted into mice. <i>Genome Biology</i> , 2003 , 4, R46	18.3	38
160	Notch promotes tumor metastasis in a prostate-specific Pten-null mouse model. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2626-41	15.9	38

159	The epithelial-to-mesenchymal transition activator ZEB1 initiates a prometastatic competing endogenous RNA network. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1267-1282	15.9	38
158	The whole-genome panorama of cancer drivers		38
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