

John D Minna

List of Publications by Citations

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277
papers

29,633
citations

84
h-index

170
g-index

300
ext. papers

34,192
ext. citations

11.7
avg, IF

6.54
L-index

#	Paper	IF	Citations
277	Clinical and biological features associated with epidermal growth factor receptor gene mutations in lung cancers. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 339-46	9.7	1919
276	Bombesin-like peptides can function as autocrine growth factors in human small-cell lung cancer. <i>Nature</i> , 1985 , 316, 823-6	50.4	1240
275	Using multiplexed assays of oncogenic drivers in lung cancers to select targeted drugs. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1998-2006	27.4	1042
274	Characterizing the cancer genome in lung adenocarcinoma. <i>Nature</i> , 2007 , 450, 893-8	50.4	900
273	A small-cell lung cancer genome with complex signatures of tobacco exposure. <i>Nature</i> , 2010 , 463, 184-90	50.4	852
272	Amplification and expression of the c-myc oncogene in human lung cancer cell lines. <i>Nature</i> , 1983 , 306, 194-6	50.4	773
271	SOX2 is an amplified lineage-survival oncogene in lung and esophageal squamous cell carcinomas. <i>Nature Genetics</i> , 2009 , 41, 1238-42	36.3	733
270	Comprehensive genomic analysis identifies SOX2 as a frequently amplified gene in small-cell lung cancer. <i>Nature Genetics</i> , 2012 , 44, 1111-6	36.3	712
269	An epithelial-mesenchymal transition gene signature predicts resistance to EGFR and PI3K inhibitors and identifies Axl as a therapeutic target for overcoming EGFR inhibitor resistance. <i>Clinical Cancer Research</i> , 2013 , 19, 279-90	12.9	649
268	Epigenetic inactivation of RASSF1A in lung and breast cancers and malignant phenotype suppression. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 691-9	9.7	637
267	L-myc, a new myc-related gene amplified and expressed in human small cell lung cancer. <i>Nature</i> , 1985 , 318, 69-73	50.4	556
266	BAP1: a novel ubiquitin hydrolase which binds to the BRCA1 RING finger and enhances BRCA1-mediated cell growth suppression. <i>Oncogene</i> , 1998 , 16, 1097-112	9.2	545
265	Molecular profiling of breast cancer cell lines defines relevant tumor models and provides a resource for cancer gene discovery. <i>PLoS ONE</i> , 2009 , 4, e6146	3.7	537
264	Immortalization of human bronchial epithelial cells in the absence of viral oncoproteins. <i>Cancer Research</i> , 2004 , 64, 9027-34	10.1	498
263	Differential expression of myc family genes during murine development. <i>Nature</i> , 1986 , 319, 780-3	50.4	486
262	Co-occurring genomic alterations define major subsets of KRAS-mutant lung adenocarcinoma with distinct biology, immune profiles, and therapeutic vulnerabilities. <i>Cancer Discovery</i> , 2015 , 5, 860-77	24.4	476
261	CNS metastases in small cell bronchogenic carcinoma: increasing frequency and changing pattern with lengthening survival. <i>Cancer</i> , 1979 , 44, 1885-93	6.4	404

260	Synthetic lethal screen identification of chemosensitizer loci in cancer cells. <i>Nature</i> , 2007 , 446, 815-9	50.4	402
259	Focus on lung cancer. <i>Cancer Cell</i> , 2002 , 1, 49-52	24.3	367
258	PIK3CA mutations and copy number gains in human lung cancers. <i>Cancer Research</i> , 2008 , 68, 6913-21	10.1	339
257	Effect of KRAS oncogene substitutions on protein behavior: implications for signaling and clinical outcome. <i>Journal of the National Cancer Institute</i> , 2012 , 104, 228-39	9.7	331
256	A pan-cancer proteomic perspective on The Cancer Genome Atlas. <i>Nature Communications</i> , 2014 , 5, 3887	17.4	324
255	Proteomic profiling identifies dysregulated pathways in small cell lung cancer and novel therapeutic targets including PARP1. <i>Cancer Discovery</i> , 2012 , 2, 798-811	24.4	323
254	Methylation associated inactivation of RASSF1A from region 3p21.3 in lung, breast and ovarian tumours. <i>Oncogene</i> , 2001 , 20, 1509-18	9.2	318
253	Nrf2 and Keap1 abnormalities in non-small cell lung carcinoma and association with clinicopathologic features. <i>Clinical Cancer Research</i> , 2010 , 16, 3743-53	12.9	315
252	Aldehyde dehydrogenase activity selects for lung adenocarcinoma stem cells dependent on notch signaling. <i>Cancer Research</i> , 2010 , 70, 9937-48	10.1	314
251	Molecular subtypes of small cell lung cancer: a synthesis of human and mouse model data. <i>Nature Reviews Cancer</i> , 2019 , 19, 289-297	31.3	304
250	Promoter methylation and silencing of the retinoic acid receptor-beta gene in lung carcinomas. <i>Journal of the National Cancer Institute</i> , 2000 , 92, 1303-7	9.7	302
249	Small-cell lung cancer: what we know, what we need to know and the path forward. <i>Nature Reviews Cancer</i> , 2017 , 17, 725-737	31.3	286
248	Sequential molecular abnormalities are involved in the multistage development of squamous cell lung carcinoma. <i>Oncogene</i> , 1999 , 18, 643-50	9.2	286
247	Homozygous deletions and chromosome amplifications in human lung carcinomas revealed by single nucleotide polymorphism array analysis. <i>Cancer Research</i> , 2005 , 65, 5561-70	10.1	285
246	Aberrant epidermal growth factor receptor signaling and enhanced sensitivity to EGFR inhibitors in lung cancer. <i>Cancer Research</i> , 2005 , 65, 226-35	10.1	270
245	Mutations and addiction to EGFR: the Achilles Heel of lung cancers?. <i>Trends in Molecular Medicine</i> , 2004 , 10, 481-6	11.5	251
244	Molecular genetics of lung cancer. <i>Annual Review of Medicine</i> , 2003 , 54, 73-87	17.4	250
243	Characterization of paired tumor and non-tumor cell lines established from patients with breast cancer. <i>International Journal of Cancer</i> , 1998 , 78, 766-74	7.5	224

242	Multiple oncogenic changes (K-RAS(V12), p53 knockdown, mutant EGFRs, p16 bypass, telomerase) are not sufficient to confer a full malignant phenotype on human bronchial epithelial cells. <i>Cancer Research</i> , 2006 , 66, 2116-28	10.1	223
241	Chromosome 19 translocation, overexpression of Notch3, and human lung cancer. <i>Journal of the National Cancer Institute</i> , 2000 , 92, 1355-7	9.7	217
240	NCI-Navy Medical Oncology Branch cell line data base. <i>Journal of Cellular Biochemistry</i> , 1996 , 24, 32-91	4.7	215
239	ASCL1 and NEUROD1 Reveal Heterogeneity in Pulmonary Neuroendocrine Tumors and Regulate Distinct Genetic Programs. <i>Cell Reports</i> , 2016 , 16, 1259-1272	10.6	193
238	A genome-wide screen for promoter methylation in lung cancer identifies novel methylation markers for multiple malignancies. <i>PLoS Medicine</i> , 2006 , 3, e486	11.6	191
237	miR-93, miR-98, and miR-197 regulate expression of tumor suppressor gene FUS1. <i>Molecular Cancer Research</i> , 2009 , 7, 1234-43	6.6	184
236	ZEB1 drives epithelial-to-mesenchymal transition in lung cancer. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3219-35	15.9	183
235	A 12-gene set predicts survival benefits from adjuvant chemotherapy in non-small cell lung cancer patients. <i>Clinical Cancer Research</i> , 2013 , 19, 1577-86	12.9	182
234	Mutation analysis of the PTEN/MMAC1 gene in lung cancer. <i>Oncogene</i> , 1998 , 17, 1557-65	9.2	161
233	Molecular biology of lung cancer: clinical implications. <i>Clinics in Chest Medicine</i> , 2011 , 32, 703-40	5.3	156
232	Different roles for caveolin-1 in the development of non-small cell lung cancer versus small cell lung cancer. <i>Cancer Research</i> , 2004 , 64, 4277-85	10.1	156
231	Alterations in genes of the EGFR signaling pathway and their relationship to EGFR tyrosine kinase inhibitor sensitivity in lung cancer cell lines. <i>PLoS ONE</i> , 2009 , 4, e4576	3.7	154
230	New molecularly targeted therapies for lung cancer. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2740-50	15.9	154
229	Lung cancer cell lines as tools for biomedical discovery and research. <i>Journal of the National Cancer Institute</i> , 2010 , 102, 1310-21	9.7	151
228	Molecular pathogenesis of lung cancer. <i>Annual Review of Physiology</i> , 2002 , 64, 681-708	23.1	149
227	The clinical behavior of "mixed" small cell/large cell bronchogenic carcinoma compared to "pure" small cell subtypes. <i>Cancer</i> , 1982 , 50, 2894-902	6.4	149
226	ASCL1 is a lineage oncogene providing therapeutic targets for high-grade neuroendocrine lung cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14788-93	11.5	144
225	Allelotyping demonstrates common and distinct patterns of chromosomal loss in human lung cancer types. <i>Genes Chromosomes and Cancer</i> , 1998 , 21, 308-19	5	138

224	Mechanical regulation of glycolysis via cytoskeleton architecture. <i>Nature</i> , 2020 , 578, 621-626	50.4	137
223	CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. <i>Nature</i> , 2017 , 546, 168-172	50.4	136
222	Human lung epithelial cells progressed to malignancy through specific oncogenic manipulations. <i>Molecular Cancer Research</i> , 2013 , 11, 638-50	6.6	135
221	Evidence for self-renewing lung cancer stem cells and their implications in tumor initiation, progression, and targeted therapy. <i>Cancer and Metastasis Reviews</i> , 2010 , 29, 61-72	9.6	133
220	Functional properties of a new voltage-dependent calcium channel alpha(2)delta auxiliary subunit gene (CACNA2D2). <i>Journal of Biological Chemistry</i> , 2000 , 275, 12237-42	5.4	131
219	Small cell lung cancer: will recent progress lead to improved outcomes?. <i>Clinical Cancer Research</i> , 2015 , 21, 2244-55	12.9	129
218	Systematic identification of molecular subtype-selective vulnerabilities in non-small-cell lung cancer. <i>Cell</i> , 2013 , 155, 552-66	56.2	129
217	Clinicopathologic significance of the mutations of the epidermal growth factor receptor gene in patients with non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 6816-22	12.9	125
216	XPO1-dependent nuclear export is a druggable vulnerability in KRAS-mutant lung cancer. <i>Nature</i> , 2016 , 538, 114-117	50.4	125
215	Knockdown of oncogenic KRAS in non-small cell lung cancers suppresses tumor growth and sensitizes tumor cells to targeted therapy. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 336-46	6.1	123
214	Fatty Acid Oxidation Mediated by Acyl-CoA Synthetase Long Chain 3 Is Required for Mutant KRAS Lung Tumorigenesis. <i>Cell Reports</i> , 2016 , 16, 1614-1628	10.6	123
213	Exclusive mutation in epidermal growth factor receptor gene, HER-2, and KRAS, and synchronous methylation of nonsmall cell lung cancer. <i>Cancer</i> , 2006 , 106, 2200-7	6.4	120
212	Molecular biology of lung cancer. <i>Journal of Thoracic Disease</i> , 2013 , 5 Suppl 5, S479-90	2.6	120
211	Cloning of a breast cancer homozygous deletion junction narrows the region of search for a 3p21.3 tumor suppressor gene. <i>Oncogene</i> , 1998 , 16, 3151-7	9.2	117
210	Polymorphisms, mutations, and amplification of the EGFR gene in non-small cell lung cancers. <i>PLoS Medicine</i> , 2007 , 4, e125	11.6	116
209	Aberrant DNA methylation in lung cancer: biological and clinical implications. <i>Oncologist</i> , 2002 , 7, 451-7	5.7	115
208	High resolution analysis of non-small cell lung cancer cell lines by whole genome tiling path array CGH. <i>International Journal of Cancer</i> , 2006 , 118, 1556-64	7.5	110
207	Sex determining region Y-Box 2 (SOX2) is a potential cell-lineage gene highly expressed in the pathogenesis of squamous cell carcinomas of the lung. <i>PLoS ONE</i> , 2010 , 5, e9112	3.7	110

206	Essential role of aldehyde dehydrogenase 1A3 for the maintenance of non-small cell lung cancer stem cells is associated with the STAT3 pathway. <i>Clinical Cancer Research</i> , 2014 , 20, 4154-66	12.9	108
205	CHK1 Inhibition in Small-Cell Lung Cancer Produces Single-Agent Activity in Biomarker-Defined Disease Subsets and Combination Activity with Cisplatin or Olaparib. <i>Cancer Research</i> , 2017 , 77, 3870-3884	10.1	107
204	Patterns of transcription factor programs and immune pathway activation define four major subtypes of SCLC with distinct therapeutic vulnerabilities. <i>Cancer Cell</i> , 2021 , 39, 346-360.e7	24.3	107
203	Small Cell Lung Cancer: Can Recent Advances in Biology and Molecular Biology Be Translated into Improved Outcomes?. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 453-74	8.9	106
202	LKB1 and KEAP1/NRF2 Pathways Cooperatively Promote Metabolic Reprogramming with Enhanced Glutamine Dependence in -Mutant Lung Adenocarcinoma. <i>Cancer Research</i> , 2019 , 79, 3251-3267	10.1	103
201	Comparisons of tyrosine phosphorylated proteins in cells expressing lung cancer-specific alleles of EGFR and KRAS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14112-7	11.5	103
200	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
199	Molecular pathogenesis of lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 118, 1136-525		101
198	The Impact of Smoking and TP53 Mutations in Lung Adenocarcinoma Patients with Targetable Mutations-The Lung Cancer Mutation Consortium (LCMC2). <i>Clinical Cancer Research</i> , 2018 , 24, 1038-1047	12.9	100
197	An Expression Signature as an Aid to the Histologic Classification of Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 4880-4889	12.9	99
196	Homozygous deletions at 3p12 in breast and lung cancer. <i>Oncogene</i> , 1998 , 17, 1723-9	9.2	92
195	Auranofin-mediated inhibition of PI3K/AKT/mTOR axis and anticancer activity in non-small cell lung cancer cells. <i>Oncotarget</i> , 2016 , 7, 3548-58	3.3	89
194	Small cell lung cancer tumors and preclinical models display heterogeneity of neuroendocrine phenotypes. <i>Translational Lung Cancer Research</i> , 2018 , 7, 32-49	4.4	88
193	Clinical implications of cytogenetic studies in cutaneous T-cell lymphoma (CTCL). <i>Cancer</i> , 1982 , 50, 1539-53	5.3	84
192	Lung cancer cell lines: Useless artifacts or invaluable tools for medical science?. <i>Lung Cancer</i> , 2010 , 68, 309-18	5.9	81
191	The distinct metabolic phenotype of lung squamous cell carcinoma defines selective vulnerability to glycolytic inhibition. <i>Nature Communications</i> , 2017 , 8, 15503	17.4	79
190	Progress in understanding the molecular pathogenesis of human lung cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1998 , 1378, F21-59	11.2	77
189	A three-dimensional model of differentiation of immortalized human bronchial epithelial cells. <i>Differentiation</i> , 2006 , 74, 141-8	3.5	77

188	Inosine Monophosphate Dehydrogenase Dependence in a Subset of Small Cell Lung Cancers. <i>Cell Metabolism</i> , 2018 , 28, 369-382.e5	24.6	76
187	Clinicopathological significance of epigenetic inactivation of RASSF1A at 3p21.3 in stage I lung adenocarcinoma. <i>Clinical Cancer Research</i> , 2002 , 8, 2362-8	12.9	75
186	Selective antitumor activity of ibrutinib in EGFR-mutant non-small cell lung cancer cells. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	74
185	Cancer. A bullseye for targeted lung cancer therapy. <i>Science</i> , 2004 , 304, 1458-61	33.3	74
184	Identification of chromosome arm 9p as the most frequent target of homozygous deletions in lung cancer. <i>Genes Chromosomes and Cancer</i> , 2005 , 44, 405-14	5	73
183	Leveraging an NQO1 Bioactivatable Drug for Tumor-Selective Use of Poly(ADP-ribose) Polymerase Inhibitors. <i>Cancer Cell</i> , 2016 , 30, 940-952	24.3	73
182	Overexpression of candidate tumor suppressor gene FUS1 isolated from the 3p21.3 homozygous deletion region leads to G1 arrest and growth inhibition of lung cancer cells. <i>Oncogene</i> , 2001 , 20, 6258-62	9.2	70
181	Fine mapping of chromosome 6q23-25 region in familial lung cancer families reveals RGS17 as a likely candidate gene. <i>Clinical Cancer Research</i> , 2009 , 15, 2666-74	12.9	66
180	The skin in disseminated intravascular coagulation. Prospective analysis of thirty-six cases. <i>British Journal of Dermatology</i> , 1973 , 88, 221-9	4	66
179	Nicotine exposure and bronchial epithelial cell nicotinic acetylcholine receptor expression in the pathogenesis of lung cancer. <i>Journal of Clinical Investigation</i> , 2003 , 111, 31-3	15.9	62
178	Loss and reduction of FUS1 protein expression is a frequent phenomenon in the pathogenesis of lung cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 41-7	12.9	61
177	Enrichment of epithelial cells for molecular studies. <i>Nature Medicine</i> , 1999 , 5, 459-63	50.5	61
176	The DUTT1 gene, a novel NCAM family member is expressed in developing murine neural tissues and has an unusually broad pattern of expression. <i>Molecular and Cellular Neurosciences</i> , 1998 , 11, 29-35	4.8	60
175	Semaphorin 3B inhibits the phosphatidylinositol 3-kinase/Akt pathway through neuropilin-1 in lung and breast cancer cells. <i>Cancer Research</i> , 2008 , 68, 8295-303	10.1	59
174	Chemistry-First Approach for Nomination of Personalized Treatment in Lung Cancer. <i>Cell</i> , 2018 , 173, 864-878.e29	56.2	58
173	Artificial Intelligence in Lung Cancer Pathology Image Analysis. <i>Cancers</i> , 2019 , 11,	6.6	58
172	Proportion of Never-Smoker Non-Small Cell Lung Cancer Patients at Three Diverse Institutions. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	57
171	Nuclear receptor expression defines a set of prognostic biomarkers for lung cancer. <i>PLoS Medicine</i> , 2010 , 7, e1000378	11.6	57

170	Molecular genetic abnormalities in the pathogenesis of human lung cancer. <i>Pathology and Oncology Research</i> , 2001 , 7, 6-13	2.6	56
169	Nsp1 protein of SARS-CoV-2 disrupts the mRNA export machinery to inhibit host gene expression. <i>Science Advances</i> , 2021 , 7,	14.3	56
168	Taxane-Platin-Resistant Lung Cancers Co-develop Hypersensitivity to JumonjiC Demethylase Inhibitors. <i>Cell Reports</i> , 2017 , 19, 1669-1684	10.6	55
167	SMARCA4-inactivating mutations increase sensitivity to Aurora kinase A inhibitor VX-680 in non-small cell lung cancers. <i>Nature Communications</i> , 2017 , 8, 14098	17.4	54
166	NeuroD1 regulates survival and migration of neuroendocrine lung carcinomas via signaling molecules TrkB and NCAM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6524-9	11.5	54
165	Molecular genetics of small cell lung carcinoma. <i>Seminars in Oncology</i> , 2001 , 28, 3-13	5.5	54
164	Expression of c-myc in progenitor cells of the bronchopulmonary epithelium and in a large number of non-small cell lung cancers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993 , 9, 33-43	5.7	52
163	Metabolic Diversity in Human Non-Small Cell Lung Cancer Cells. <i>Molecular Cell</i> , 2019 , 76, 838-851.e5	17.6	51
162	Multipotent capacity of immortalized human bronchial epithelial cells. <i>PLoS ONE</i> , 2011 , 6, e22023	3.7	51
161	Proteomic profiling identifies pathways dysregulated in non-small cell lung cancer and an inverse association of AMPK and adhesion pathways with recurrence. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 1894-904	8.9	50
160	A big step in the study of small cell lung cancer. <i>Cancer Cell</i> , 2003 , 4, 163-6	24.3	50
159	Aiolos promotes anchorage independence by silencing p66Shc transcription in cancer cells. <i>Cancer Cell</i> , 2014 , 25, 575-89	24.3	49
158	TNF-driven adaptive response mediates resistance to EGFR inhibition in lung cancer. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2500-2518	15.9	48
157	IGFBP2/FAK pathway is causally associated with dasatinib resistance in non-small cell lung cancer cells. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 2864-73	6.1	47
156	LCE: an open web portal to explore gene expression and clinical associations in lung cancer. <i>Oncogene</i> , 2019 , 38, 2551-2564	9.2	45
155	Diagnosis and management of pulmonary toxicity associated with cancer immunotherapy. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 472-478	35.1	44
154	New Approaches to SCLC Therapy: From the Laboratory to the Clinic. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 520-540	8.9	42
153	Synergistic tumor suppression by coexpression of FUS1 and p53 is associated with down-regulation of murine double minute-2 and activation of the apoptotic protease-activating factor 1-dependent apoptotic pathway in human non-small cell lung cancer cells. <i>Cancer Research</i> , 2007 , 67, 709-17	10.1	41

152	The role of radiation therapy in the treatment of small cell lung cancer. <i>Cancer</i> , 1985 , 55, 2163-75	6.4	41
151	A susceptibility locus on chromosome 6q greatly increases lung cancer risk among light and never smokers. <i>Cancer Research</i> , 2010 , 70, 2359-67	10.1	40
150	Haplotype and cell proliferation analyses of candidate lung cancer susceptibility genes on chromosome 15q24-25.1. <i>Cancer Research</i> , 2009 , 69, 7844-50	10.1	39
149	NCI series of cell lines: an historical perspective. <i>Journal of Cellular Biochemistry</i> , 1996 , 24, 1-11	4.7	38
148	Identification and characterization of a suite of tumor targeting peptides for non-small cell lung cancer. <i>Scientific Reports</i> , 2014 , 4, 4480	4.9	37
147	From Mice to Men and Back: An Assessment of Preclinical Model Systems for the Study of Lung Cancers. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 287-99	8.9	37
146	TIMELESS is overexpressed in lung cancer and its expression correlates with poor patient survival. <i>Cancer Science</i> , 2013 , 104, 171-7	6.9	37
145	An Integrated Molecular Analysis of Lung Adenocarcinomas Identifies Potential Therapeutic Targets among TTF1-Negative Tumors, Including DNA Repair Proteins and Nrf2. <i>Clinical Cancer Research</i> , 2015 , 21, 3480-91	12.9	36
144	AXL Targeting Abrogates Autophagic Flux and Induces Immunogenic Cell Death in Drug-Resistant Cancer Cells. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 973-999	8.9	36
143	eIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020 , 1, 533-545	15.4	35
142	p63 and SOX2 Dictate Glucose Reliance and Metabolic Vulnerabilities in Squamous Cell Carcinomas. <i>Cell Reports</i> , 2019 , 28, 1860-1878.e9	10.6	35
141	Effective treatment of hormonally-unresponsive metastatic carcinoma of the prostate with adriamycin and cyclophosphamide: methods of documenting tumor response and progression. <i>Cancer</i> , 1980 , 45, 1300-10	6.4	35
140	Quantitative Secretomic Analysis Identifies Extracellular Protein Factors That Modulate the Metastatic Phenotype of Non-Small Cell Lung Cancer. <i>Journal of Proteome Research</i> , 2016 , 15, 477-86	5.6	34
139	Genetic mutation of p53 and suppression of the miR-17~92 cluster are synthetic lethal in non-small cell lung cancer due to upregulation of vitamin D Signaling. <i>Cancer Research</i> , 2015 , 75, 666-75	10.1	34
138	PROTOCADHERIN 7 Acts through SET and PP2A to Potentiate MAPK Signaling by EGFR and KRAS during Lung Tumorigenesis. <i>Cancer Research</i> , 2017 , 77, 187-197	10.1	33
137	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
136	Inhibition of Thioredoxin/Thioredoxin Reductase Induces Synthetic Lethality in Lung Cancers with Compromised Glutathione Homeostasis. <i>Cancer Research</i> , 2019 , 79, 125-132	10.1	31
135	A systematic analysis reveals heterogeneous changes in the endocytic activities of cancer cells. <i>Cancer Research</i> , 2015 , 75, 4640-50	10.1	30

134	A search for novel cancer/testis antigens in lung cancer identifies VCX/Y genes, expanding the repertoire of potential immunotherapeutic targets. <i>Cancer Research</i> , 2014 , 74, 4694-705	10.1	29
133	Two regions of homozygous deletion clusters at chromosome band 9p21 in human lung cancer. <i>Genes Chromosomes and Cancer</i> , 2000 , 27, 308-318	5	29
132	Telomerase inhibitor imetelstat has preclinical activity across the spectrum of non-small cell lung cancer oncogenotypes in a telomere length dependent manner. <i>Oncotarget</i> , 2016 , 7, 31639-51	3.3	29
131	Computational Staining of Pathology Images to Study the Tumor Microenvironment in Lung Cancer. <i>Cancer Research</i> , 2020 , 80, 2056-2066	10.1	27
130	Loss of heterozygosity of chromosome 12p does not correlate with KRAS mutation in non-small cell lung cancer. <i>International Journal of Cancer</i> , 2003 , 107, 962-9	7.5	27
129	Correlation of in vitro drug sensitivity testing results with response to chemotherapy and survival: comparison of non-small cell lung cancer and small cell lung cancer. <i>Journal of Cellular Biochemistry</i> , 1996 , 24, 173-85	4.7	27
128	Identification of lipid-phosphatidylserine (PS) as the target of unbiasedly selected cancer specific peptide-peptoid hybrid PPS1. <i>Oncotarget</i> , 2016 , 7, 30678-90	3.3	27
127	Elevated NSD3 histone methylation activity drives squamous cell lung cancer. <i>Nature</i> , 2021 , 590, 504-508	50.4	27
126	Combination Therapy Targeting BCL6 and Phospho-STAT3 Defeats Intratumor Heterogeneity in a Subset of Non-Small Cell Lung Cancers. <i>Cancer Research</i> , 2017 , 77, 3070-3081	10.1	26
125	The hexosamine biosynthesis pathway is a targetable liability in KRAS/LKB1 mutant lung cancer. <i>Nature Metabolism</i> , 2020 , 2, 1401-1412	14.6	26
124	ConvPath: A software tool for lung adenocarcinoma digital pathological image analysis aided by a convolutional neural network. <i>EBioMedicine</i> , 2019 , 50, 103-110	8.8	26
123	HORMAD1 Is a Negative Prognostic Indicator in Lung Adenocarcinoma and Specifies Resistance to Oxidative and Genotoxic Stress. <i>Cancer Research</i> , 2018 , 78, 6196-6208	10.1	26
122	Cancer-Specific Production of N-Acetylaspartate via NAT8L Overexpression in Non-Small Cell Lung Cancer and Its Potential as a Circulating Biomarker. <i>Cancer Prevention Research</i> , 2016 , 9, 43-52	3.2	24
121	Branching morphogenesis of immortalized human bronchial epithelial cells in three-dimensional culture. <i>Differentiation</i> , 2014 , 87, 119-26	3.5	24
120	Unbiased Selection of Peptide-Peptoid Hybrids Specific for Lung Cancer Compared to Normal Lung Epithelial Cells. <i>ACS Chemical Biology</i> , 2015 , 10, 2891-9	4.9	23
119	Refined mapping of two regions of loss of heterozygosity on chromosome band 11q23 in lung cancer 1999 , 25, 154-159		23
118	Telomerase-Mediated Strategy for Overcoming Non-Small Cell Lung Cancer Targeted Therapy and Chemotherapy Resistance. <i>Neoplasia</i> , 2018 , 20, 826-837	6.4	22
117	Systematic siRNA Screen Unmasks NSCLC Growth Dependence by Palmitoyltransferase DHHCS. <i>Molecular Cancer Research</i> , 2015 , 13, 784-94	6.6	22

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