## Zhifu Sun

## List of Publications by Year in descending order

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		46984	53190
135	8,329	47	85
papers	citations	h-index	g-index
138	138	138	17454
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Estrogen receptor beta repurposes EZH2 to suppress oncogenic NFκB/p65 signaling in triple negative breast cancer. Npj Breast Cancer, 2022, 8, 20.	2.3	9
2	DNA methylation profile of liver tissue in end-stage cholestatic liver disease. Epigenomics, 2022, 14, 481-497.	1.0	2
3	Novel lincRNA Discovery and Tissue-Specific Gene Expression across 30 Normal Human Tissues. Genes, 2021, 12, 614.	1.0	4
4	Evaluation of circulating cell-free DNA in cholestatic liver disease using liver-specific methylation markers. BMC Gastroenterology, 2021, 21, 149.	0.8	3
5	A novel ferroptosis phenotypeâ€related clinicalâ€molecular prognostic signature for hepatocellular carcinoma. Journal of Cellular and Molecular Medicine, 2021, 25, 6618-6633.	1.6	24
6	RNF20 and RNF40 regulate vitamin D receptor-dependent signaling in inflammatory bowel disease. Cell Death and Differentiation, 2021, 28, 3161-3175.	5.0	10
7	BMI1 maintains the Treg epigenomic landscape to prevent inflammatory bowel disease. Journal of Clinical Investigation, $2021, 131, \ldots$	3.9	10
8	Deregulation of Long Intergenic Non-coding RNAs in CD4+ T Cells of Lamina Propria in Crohn's Disease Through Transcriptome Profiling. Journal of Crohn's and Colitis, 2020, 14, 96-109.	0.6	18
9	MCAM abnormal expression and clinical outcome associations are highly cancer dependent as revealed through pan-cancer analysis. Briefings in Bioinformatics, 2020, 21, 709-718.	3.2	4
10	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. Cell, 2020, 182, 1460-1473.e17.	13.5	217
11	Protein expression shift and potential diagnostic markers through proteomics profiling of tuberculous pleurisy biopsy tissues. International Journal of Infectious Diseases, 2020, 99, 245-252.	1.5	5
12	Transcriptome Profiling of Acquired Gefitinib Resistant Lung Cancer Cells Reveals Dramatically Changed Transcription Programs and New Treatment Targets. Frontiers in Oncology, 2020, 10, 1424.	1.3	10
13	Spectrum of EGFR aberrations and potential clinical implications: insights from integrative pan ancer analysis. Cancer Communications, 2020, 40, 43-59.	3.7	45
14	Marked Up-Regulation of ACE2 in Hearts of Patients With Obstructive Hypertrophic Cardiomyopathy: Implications for SARS-CoV-2–Mediated COVID-19. Mayo Clinic Proceedings, 2020, 95, 1354-1368.	1.4	49
15	Apatinib Reverses Paclitaxel-resistant Lung Cancer Cells (A549) Through Blocking the Function of ABCB1 Transporter. Anticancer Research, 2019, 39, 5461-5471.	0.5	14
16	DNA methylation patterns in human iPSC-derived sensory neuronal differentiation. Epigenetics, 2019, 14, 927-937.	1.3	9
17	Predict drug sensitivity of cancer cells with pathway activity inference. BMC Medical Genomics, 2019, 12, 15.	0.7	36
18	Use of FFPE-derived DNA in next generation sequencing: DNA extraction methods. PLoS ONE, 2019, 14, e0211400.	1.1	62

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19	Association between ALS and retroviruses: evidence from bioinformatics analysis. BMC Bioinformatics, 2019, 20, 680.	1.2	7
20	Discovery, Validation, and Application of Novel Methylated DNA Markers for Detection of Esophageal Cancer in Plasma. Clinical Cancer Research, 2019, 25, 7396-7404.	3.2	33
21	Androgen Mediation—and Antiandrogens Mitigation—of the Epidermal Growth Factor Receptor (EGFR) Inhibitor–Induced Rash: Results From a Pilot Randomized Trial and Small Translational Case Series. American Journal of Hospice and Palliative Medicine, 2019, 36, 519-525.	0.8	4
22	Contraction of T cell richness in lung cancer brain metastases. Scientific Reports, 2018, 8, 2171.	1.6	74
23	Pathways Impacted by Genomic Alterations in Pulmonary Carcinoid Tumors. Clinical Cancer Research, 2018, 24, 1691-1704.	3.2	53
24	Nomogram prediction of overall survival for patients with non-small-cell lung cancer incorporating pretreatment peripheral blood markersâ€. European Journal of Cardio-thoracic Surgery, 2018, 53, 1214-1222.	0.6	23
25	Molecular profiling reveals immunogenic cues in anaplastic large cell lymphomas with DUSP22 rearrangements. Blood, 2018, 132, 1386-1398.	0.6	97
26	Indel sensitive and comprehensive variant/mutation detection from RNA sequencing data for precision medicine. BMC Medical Genomics, 2018, 11, 67.	0.7	5
27	Distinct epigenetic landscapes underlie the pathobiology of pancreatic cancer subtypes. Nature Communications, 2018, 9, 1978.	5.8	177
28	Indel detection from RNA-seq data: tool evaluation and strategies for accurate detection of actionable mutations. Briefings in Bioinformatics, 2017, 18, bbw069.	3.2	44
29	The Role of the Histone Methyltransferase Enhancer of Zeste Homolog 2 (EZH2) in the Pathobiological Mechanisms Underlying Inflammatory Bowel Disease (IBD). Journal of Biological Chemistry, 2017, 292, 706-722.	1.6	59
30	UCIncR: Ultrafast and comprehensive long non-coding RNA detection from RNA-seq. Scientific Reports, 2017, 7, 14196.	1.6	29
31	Adipose tissue DNA methylome changes in development of new-onset diabetes after kidney transplantation. Epigenomics, 2017, 9, 1423-1435.	1.0	8
32	Genetic predisposition to lung cancer: comprehensive literature integration, meta-analysis, and multiple evidence assessment of candidate-gene association studies. Scientific Reports, 2017, 7, 8371.	1.6	87
33	Comprehensive Profiling of lincRNAs in Lung Adenocarcinoma of Never Smokers Reveals Their Roles in Cancer Development and Prognosis. Genes, 2017, 8, 321.	1.0	8
34	Comprehensive Genomic Profiling of a Rare Thyroid Follicular Dendritic Cell Sarcoma. Rare Tumors, 2017, 9, 50-53.	0.3	8
35	Neutrophil Elastase. , 2017, , 3088-3091.		0
36	Genome-Wide Epigenetic Studies in Human Disease: A Primer on -Omic Technologies. American Journal of Epidemiology, 2016, 183, kwv187.	1.6	23

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37	Multiple-level validation identifies <i>PARK2</i> in the development of lung cancer and chronic obstructive pulmonary disease. Oncotarget, 2016, 7, 44211-44223.	0.8	42
38	Statistical method evaluation for differentially methylated CpGs in base resolution next-generation DNA sequencing data. Briefings in Bioinformatics, 2016, 19, bbw133.	3.2	21
39	X chromosome abnormal inactivation: a unique factor for women's diseases?. Epigenomics, 2016, 8, 447-450.	1.0	5
40	Preeclampsia/Eclampsia candidate genes show altered methylation in maternal leukocytes of preeclamptic women at the time of delivery. Hypertension in Pregnancy, 2016, 35, 394-404.	0.5	22
41	Gene expression, methylation and neuropathology correlations at progressive supranuclear palsy risk loci. Acta Neuropathologica, 2016, 132, 197-211.	3.9	49
42	Long noncoding and circular RNAs in lung cancer: advances and perspectives. Epigenomics, 2016, 8, 1275-1287.	1.0	59
43	Custom Gene Capture and Next-Generation Sequencing to Resolve Discordant ALK Status by FISHÂand IHC in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2016, 11, 1891-1900.	0.5	37
44	A genetic cell context-dependent role for ZEB1 in lung cancer. Nature Communications, 2016, 7, 12231.	5.8	54
45	CpGFilter: model-based CpG probe filtering with replicates for epigenome-wide association studies. Bioinformatics, 2016, 32, 469-471.	1.8	27
46	ChIP-seq in studying epigenetic mechanisms of disease and promoting precision medicine: progresses and future directions. Epigenomics, 2016, 8, 1239-1258.	1.0	22
47	Targeted alignment and end repair elimination increase alignment and methylation measure accuracy for reduced representation bisulfite sequencing data. BMC Genomics, 2016, 17, 149.	1.2	3
48	Epstein-Barr Virus EBNA-2 Polymorphic Patterns in Nasopharyngeal Carcinoma in Southern China. Intervirology, 2015, 58, 386-392.	1.2	1
49	Sequence analysis of EBV immune evasion gene BNLF2a in EBV associated tumors and healthy individuals from nasopharyngeal carcinoma endemic and nonâ€endemic regions of China. Journal of Medical Virology, 2015, 87, 1946-1952.	2.5	7
50	New DNA Methylation Markers for Pancreatic Cancer: Discovery, Tissue Validation, and Pilot Testing in Pancreatic Juice. Clinical Cancer Research, 2015, 21, 4473-4481.	3.2	108
51	Common Oncogene Mutations and Novel SND1-BRAF Transcript Fusion in Lung Adenocarcinoma from Never Smokers. Scientific Reports, 2015, 5, 9755.	1.6	43
52	DNA methylation and RNA expression profiles in lung adenocarcinomas of never-smokers. Cancer Genetics, 2015, 208, 253-260.	0.2	14
53	The Cistrome and Gene Signature of Androgen Receptor Splice Variants in Castration Resistant Prostate Cancer Cells. Journal of Urology, 2015, 193, 690-698.	0.2	57
54	Sequence variation of Epstein-Barr virus (EBV) BCRF1 in lymphomas in non-endemic areas of nasopharyngeal carcinoma. Archives of Virology, 2015, 160, 441-445.	0.9	5

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55	DNA methylation profiling: comparison of genome-wide sequencing methods and the Infinium Human Methylation 450 Bead Chip. Epigenomics, 2015, 7, 1287-1302.	1.0	66
56	Chromosome X genomic and epigenomic aberrations and clinical implications in breast cancer by base resolution profiling. Epigenomics, 2015, 7, 1099-1110.	1.0	12
57	Base resolution methylome profiling: considerations in platform selection, data preprocessing and analysis. Epigenomics, 2015, 7, 813-828.	1.0	97
58	High-throughput long noncoding RNA profiling for diagnostic and prognostic markers in cancer: opportunities and challenges. Epigenomics, 2015, 7, 1075-1078.	1.0	7
59	Exosomal miR-1290 and miR-375 as Prognostic Markers in Castration-resistant Prostate Cancer. European Urology, 2015, 67, 33-41.	0.9	533
60	Folate Receptor-α (FOLR1) Expression and Function in Triple Negative Tumors. PLoS ONE, 2015, 10, e0122209.	1.1	103
61	Sequence Variation Analysis of Epstein-Barr Virus Nuclear Antigen 1 Gene in the Virus Associated Lymphomas of Northern China. PLoS ONE, 2015, 10, e0140529.	1.1	8
62	LncRNA <i>MALAT1</i> enhances oncogenic activities of EZH2 in castration-resistant prostate cancer. Oncotarget, 2015, 6, 41045-41055.	0.8	154
63	Aberrant signature methylome by DNMT1 hot spot mutation in hereditary sensory and autonomic neuropathy 1E. Epigenetics, 2014, 9, 1184-1193.	1.3	55
64	MACE: model based analysis of ChIP-exo. Nucleic Acids Research, 2014, 42, e156-e156.	6.5	84
65	Sequence analysis of EBV immediate-early gene BZLF1 and BRLF1 in lymphomas. Journal of Medical Virology, 2014, 86, 1788-1795.	2.5	5
66	CrossMap: a versatile tool for coordinate conversion between genome assemblies. Bioinformatics, 2014, 30, 1006-1007.	1.8	553
67	HiChIP: a high-throughput pipeline for integrative analysis of ChIP-Seq data. BMC Bioinformatics, 2014, 15, 280.	1.2	55
68	Conserved recurrent gene mutations correlate with pathway deregulation and clinical outcomes of lung adenocarcinoma in never-smokers. BMC Medical Genomics, 2014, 7, 32.	0.7	49
69	Clinical biomarkers of pulmonary carcinoid tumors in never smokers via profiling miRNA and target mRNA. Cell and Bioscience, 2014, 4, 35.	2.1	15
70	CAP-miRSeq: a comprehensive analysis pipeline for microRNA sequencing data. BMC Genomics, 2014, 15, 423.	1.2	138
71	Neutrophil Elastase. , 2014, , 1-5.		0
72	Characterization of human plasma-derived exosomal RNAs by deep sequencing. BMC Genomics, 2013, 14, 319.	1.2	860

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73	Increased BCAR1 Predicts Poor Outcomes of Non-small Cell Lung Cancer in Multiple-Center Patients. Annals of Surgical Oncology, 2013, 20, 701-708.	0.7	15
74	Gene variations of Epstein-Barr virus nuclear antigen 3A in nasopharyngeal carcinomas, gastric carcinomas and healthy carriers in northern China. Archives of Virology, 2013, 158, 2041-2048.	0.9	2
75	Pharmacologic reversion of epigenetic silencing of the PRKD1promoter blocks breast tumor cell invasion and metastasis. Breast Cancer Research, 2013, 15, R66.	2.2	74
76	Epigenetic silencing of WNT5A in Epstein-Barr virus-associated gastric carcinoma. Archives of Virology, 2013, 158, 123-132.	0.9	23
77	769 Novel Methylated DNA Markers Predict Site of Gastrointestinal Cancer. Gastroenterology, 2013, 144, S-84.	0.6	4
78	Network-based approach identified cell cycle genes as predictor of overall survival in lung adenocarcinoma patients. Lung Cancer, 2013, 80, 91-98.	0.9	36
79	Genome-wide methylation profiling demonstrates hypermethylation in maternal leukocyte DNA in preeclamptic compared to normotensive pregnancies. Hypertension in Pregnancy, 2013, 32, 257-269.	0.5	31
80	Endoxifen's Molecular Mechanisms of Action Are Concentration Dependent and Different than That of Other Anti-Estrogens. PLoS ONE, 2013, 8, e54613.	1.1	38
81	An Integrated Model of the Transcriptome of HER2-Positive Breast Cancer. PLoS ONE, 2013, 8, e79298.	1.1	18
82	Impact of Library Preparation on Downstream Analysis and Interpretation of RNA-Seq Data: Comparison between Illumina PolyA and NuGEN Ovation Protocol. PLoS ONE, 2013, 8, e71745.	1.1	19
83	Gene Expression, Single Nucleotide Variant and Fusion Transcript Discovery in Archival Material from Breast Tumors. PLoS ONE, 2013, 8, e81925.	1.1	49
84	Global Methylation Profiling for Risk Prediction of Prostate Cancer. Clinical Cancer Research, 2012, 18, 2882-2895.	3.2	118
85	TREAT: a bioinformatics tool for variant annotations and visualizations in targeted and exome sequencing data. Bioinformatics, 2012, 28, 277-278.	1.8	59
86	Genetic Variants Associated with the Risk of Chronic Obstructive Pulmonary Disease with and without Lung Cancer. Cancer Prevention Research, 2012, 5, 365-373.	0.7	26
87	Normal early pregnancy. Epigenetics, 2012, 7, 729-734.	1.3	22
88	Increased miR-708 Expression in NSCLC and Its Association with Poor Survival in Lung Adenocarcinoma from Never Smokers. Clinical Cancer Research, 2012, 18, 3658-3667.	3.2	105
89	SAAP-RRBS: streamlined analysis and annotation pipeline for reduced representation bisulfite sequencing. Bioinformatics, 2012, 28, 2180-2181.	1.8	49
90	Gemcitabine metabolic pathway genetic polymorphisms and response in patients with non-small cell lung cancer. Pharmacogenetics and Genomics, 2012, 22, 105-116.	0.7	33

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91	Chronic Caloric Restriction Preserves Mitochondrial Function in Senescence without Increasing Mitochondrial Biogenesis. Cell Metabolism, 2012, 16, 777-788.	7.2	183
92	Concordance of Changes in Metabolic Pathways Based on Plasma Metabolomics and Skeletal Muscle Transcriptomics in Type 1 Diabetes. Diabetes, 2012, 61, 1004-1016.	0.3	55
93	Genetic association with overall survival of taxane-treated lung cancer patients - a genome-wide association study in human lymphoblastoid cell lines followed by a clinical association study. BMC Cancer, 2012, 12, 422.	1.1	40
94	Germline Copy Number Variation and Ovarian Cancer Survival. Frontiers in Genetics, 2012, 3, 142.	1.1	11
95	Deep Sequence Analysis of Non-Small Cell Lung Cancer: Integrated Analysis of Gene Expression, Alternative Splicing, and Single Nucleotide Variations in Lung Adenocarcinomas with and without Oncogenic KRAS Mutations. Frontiers in Oncology, 2012, 2, 12.	1.3	46
96	Sequence analysis of Epstein-Barr virus EBNA-2 gene coding amino acid 148-487 in nasopharyngeal and gastric carcinomas. Virology Journal, 2012, 9, 49.	1.4	11
97	Characterization of Epstein-Barr virus gp350/220 gene variants in virus isolates from gastric carcinoma and nasopharyngeal carcinoma. Archives of Virology, 2012, 157, 207-216.	0.9	8
98	A novel bioinformatics pipeline for identification and characterization of fusion transcripts in breast cancer and normal cell lines. Nucleic Acids Research, 2011, 39, e100-e100.	6.5	94
99	Model based user interface design for predicting lung cancer treatment outcomes., 2011, 2011, 75-8.		3
100	Estrogen receptor-beta sensitizes breast cancer cells to the anti-estrogenic actions of endoxifen. Breast Cancer Research, 2011, 13, R27.	2.2	58
101	Genes Associated with Recurrence of Hepatocellular Carcinoma: Integrated Analysis by Gene Expression and Methylation Profiling. Journal of Korean Medical Science, 2011, 26, 1428.	1.1	37
102	Systematic Evaluation of Genetic Variants in Three Biological Pathways on Patient Survival in Low-Stage Non-small Cell Lung Cancer. Journal of Thoracic Oncology, 2011, 6, 1488-1495.	0.5	18
103	Changes in cardiac gene expression after pigâ€toâ€primate orthotopic xenotransplantation. Xenotransplantation, 2011, 18, 14-27.	1.6	50
104	Batch effect correction for genome-wide methylation data with Illumina Infinium platform. BMC Medical Genomics, 2011, 4, 84.	0.7	108
105	Sulfatase 1 and sulfatase 2 in hepatocellular carcinoma: Associated signaling pathways, tumor phenotypes, and survival. Genes Chromosomes and Cancer, 2011, 50, 122-135.	1.5	55
106	Genetic Variation Predicting Cisplatin Cytotoxicity Associated with Overall Survival in Lung Cancer Patients Receiving Platinum-Based Chemotherapy. Clinical Cancer Research, 2011, 17, 5801-5811.	3.2	87
107	Genetic Variations in Multiple Drug Action Pathways and Survival in Advanced Stage Non–Small Cell Lung Cancer Treated with Chemotherapy. Clinical Cancer Research, 2011, 17, 3830-3840.	3.2	25
108	Identification of a Clinically Relevant Androgen-Dependent Gene Signature in Prostate Cancer. Cancer Research, 2011, 71, 1978-1988.	0.4	38

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109	Integrated Analysis of Gene Expression, CpG Island Methylation, and Gene Copy Number in Breast Cancer Cells by Deep Sequencing. PLoS ONE, 2011, 6, e17490.	1.1	128
110	Neutrophil Elastase. , 2011, , 2509-2512.		0
111	MicroRNA expression in ACTH-producing pituitary tumors: up-regulation of microRNA-122 and -493 in pituitary carcinomas. Endocrine, 2010, 38, 67-75.	1.1	83
112	Glutathione Pathway Genetic Polymorphisms and Lung Cancer Survival After Platinum-Based Chemotherapy. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 811-821.	1.1	42
113	Prognostic factors for limited-stage small cell lung cancer: A study of 284 patients. Lung Cancer, 2010, 67, 221-226.	0.9	80
114	Cystic fibrosis transmembrane conductance regulator gene mutation and lung cancer risk. Lung Cancer, 2010, 70, 14-21.	0.9	42
115	Sequence analysis of the Epstein-Barr virus (EBV) BRLF1 gene in nasopharyngeal and gastric carcinomas. Virology Journal, 2010, 7, 341.	1.4	14
116	Genetic variants and risk of lung cancer in never smokers: a genome-wide association study. Lancet Oncology, The, 2010, 11, 321-330.	5.1	218
117	Fine Mapping of Chromosome 6q23-25 Region in Familial Lung Cancer Families Reveals <i>RGS17</i> as a Likely Candidate Gene. Clinical Cancer Research, 2009, 15, 2666-2674.	3.2	80
118	Cell Proliferation and Epidermal Growth Factor Signaling in Non-small Cell Lung Adenocarcinoma Cell Lines Are Dependent on Rin1. Journal of Biological Chemistry, 2009, 284, 26331-26339.	1.6	31
119	Effects of the 5 alphaâ€reductase inhibitor dutasteride on gene expression in prostate cancer xenografts. Prostate, 2009, 69, 1730-1743.	1.2	17
120	Impact of sample acquisition and linear amplification on gene expression profiling of lung adenocarcinoma: laser capture micro-dissection cell-sampling versus bulk tissue-sampling. BMC Medical Genomics, 2009, 2, 13.	0.7	29
121	The Role of Desmoglein-3 in the Diagnosis of Squamous Cell Carcinoma of the Lung. American Journal of Pathology, 2009, 174, 1629-1637.	1.9	76
122	Evaluation of Glutathione Metabolic Genes on Outcomes in Advanced Non-small Cell Lung Cancer Patients after Initial Treatment with Platinum-Based Chemotherapy: An NCCTG-97-24-51 Based Study. Journal of Thoracic Oncology, 2009, 4, 479-485.	0.5	20
123	Non-Overlapping and Non–Cell-Type–Specific Gene Expression Signatures Predict Lung Cancer Survival. Journal of Clinical Oncology, 2008, 26, 877-883.	0.8	92
124	Alpha1-Antitrypsin Deficiency Carriers, Tobacco Smoke, Chronic Obstructive Pulmonary Disease, and Lung Cancer Risk. Archives of Internal Medicine, 2008, 168, 1097.	4.3	139
125	Refining Prognosis in Non–Small-Cell Lung Cancer. New England Journal of Medicine, 2007, 356, 189-191.	13.9	6
126	Gene-expression profiling in lung cancer: still early days. Pharmacogenomics, 2007, 8, 129-132.	0.6	3

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127	Inactivation of LLC1 gene in nonsmall cell lung cancer. International Journal of Cancer, 2007, 120, 2353-2358.	2.3	10
128	Role of the Glutathione Metabolic Pathway in Lung Cancer Treatment and Prognosis: A Review. Journal of Clinical Oncology, 2006, 24, 1761-1769.	0.8	119
129	Histologic grade is an independent prognostic factor for survival in non–small cell lung cancer: An analysis of 5018 hospital- and 712 population-based cases. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 1014-1020.	0.4	128
130	A Gene Expression Signature Predicts Survival of Patients with Stage I Non-Small Cell Lung Cancer. PLoS Medicine, 2006, 3, e467.	3.9	272
131	Gene Expression Profiling on Lung Cancer Outcome Prediction: Present Clinical Value and Future Premise. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 2063-2068.	1.1	41
132	$\hat{l}\pm 1$ -Antitrypsin and Neutrophil Elastase Imbalance and Lung Cancer Risk. Chest, 2005, 128, 445-452.	0.4	77
133	Can gene expression profiling predict survival for patients with squamous cell carcinoma of the lung?. Molecular Cancer, 2004, 3, 35.	7.9	31
134	Role of imbalance between neutrophil elastase and $\hat{l}\pm 1$ -antitrypsin in cancer development and progression. Lancet Oncology, The, 2004, 5, 182-190.	5.1	227
135	Genome-wide methylation profiling reveals differentially methylated genes in blood DNA of small-cell lung cancer patients. Precision Clinical Medicine, 0, , .	1.3	3