Jeremy J W Chen

List of Publications by Year
in descending order

117 papers	7,666 citations	66234 42 h-index	53109 85 g-index
121 all docs	121 docs citations	121 times ranked	11328 citing authors

#	Article	IF	Citations
1	A Five-Gene Signature and Clinical Outcome in Nonâ€“Small-Cell Lung Cancer. New England Journal of Medicine, 2007, 356, 11-20.	13.9	877
2	MicroRNA Signature Predicts Survival and Relapse in Lung Cancer. Cancer Cell, 2008, 13, 48-57.	7.7	754
3	Tumor-Associated Macrophages: The Double-Edged Sword in Cancer Progression. Journal of Clinical Oncology, 2005, 23, 953-964.	0.8	328
4	Titanium dioxide nanoparticles induce emphysemaâ€like lung injury in mice. FASEB Journal, 2006, 20, 2393-2395.	0.2	281
5	Opposite Effects of M1 and M2 Macrophage Subtypes on Lung Cancer Progression. Scientific Reports, 2015, 5, 14273.	1.6	278
6	Up-regulation of tumor interleukin-8 expression by infiltrating macrophages: its correlation with tumor angiogenesis and patient survival in non-small cell lung cancer. Clinical Cancer Research, 2003, 9, 729-37.	3.2	226
7	Profiling Expression Patterns and Isolating Differentially Expressed Genes by cDNA Microarray System with Colorimetry Detection. Genomics, 1998, 51, 313-324.	1.3	218
8	Transcription Repressor Slug Promotes Carcinoma Invasion and Predicts Outcome of Patients with Lung Adenocarcinoma. Clinical Cancer Research, 2005, 11, 8070-8078.	3.2	201
9	Curcumin Inhibits Lung Cancer Cell Invasion and Metastasis through the Tumor Suppressor HLJ1. Cancer Research, 2008, 68, 7428-7438.	0.4	200
10	The role of interleukin-8 in cancer cells and microenvironment interaction. Frontiers in Bioscience - Landmark, 2005, 10, 853.	3.0	198
11	Enterovirus-Induced miR-141 Contributes to Shutoff ofÂHost Protein Translation by Targeting the Translation Initiation Factor eIF4E. Cell Host and Microbe, 2011, 9, 58-69.	5.1	148
12	The location and translocation of ndh genes of chloroplast origin in the Orchidaceae family. Scientific Reports, 2015, 5, 9040.	1.6	143
13	Collapsin Response Mediator Protein-1 and the Invasion and Metastasis of Cancer Cells. Journal of the National Cancer Institute, 2001, 93, 1392-1400.	3.0	142
14	Anticancer effects of tanshinone I in human non-small cell lung cancer. Molecular Cancer Therapeutics, 2008, 7, 3527-3538.	1.9	119
15	Gene Expression Profile Predicts Patient Survival of Gastric Cancer After Surgical Resection. Journal of Clinical Oncology, 2005, 23, 7286-7295.	0.8	118
16	Anti-Invasive Gene Expression Profile of Curcumin in Lung Adenocarcinoma Based on a High Throughput Microarray Analysis. Molecular Pharmacology, 2004, 65, 99-110.	1.0	114
17	A New Tumor Suppressor DnaJ-like Heat Shock Protein, HLJ1, and Survival of Patients With Nonâ€“Small-Cell Lung Carcinoma. Journal of the National Cancer Institute, 2006, 98, 825-838.	3.0	108
18	DiseaseConnect: a comprehensive web server for mechanism-based diseaseâ€“disease connections. Nucleic Acids Research, 2014, 42, W137-W146.	6.5	106

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19	Stable chloroplast transformation in cabbage (Brassica oleracea L. var. capitata L.) by particle bombardment. Plant Cell Reports, 2007, 26, 1733-1744.	2.8	101
20	Cancer cells increase endothelial cell tube formation and survival by activating the PI3K/Akt signalling pathway. Journal of Experimental and Clinical Cancer Research, 2017, 36, 27.	3.5	101
21	Concomitant loss of <scp>NDH</scp> complexâ€related genes within chloroplast and nuclear genomes in some orchids. Plant Journal, 2017, 90, 994-1006.	2.8	99
22	Differential Gene Expression in Gram-negative and Gram-positive Sepsis. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1135-1143.	2.5	95
23	Curcumin Induces EGFR Degradation in Lung Adenocarcinoma and Modulates p38 Activation in Intestine: The Versatile Adjuvant for Gefitinib Therapy. PLoS ONE, 2011, 6, e23756.	1.1	95
24	NDH expression marks major transitions in plant evolution and reveals coordinate intracellular gene loss. BMC Plant Biology, 2015, 15, 100.	1.6	89
25	A Novel Function of YWHAZ/Î²-Catenin Axis in Promoting Epithelialâ€“Mesenchymal Transition and Lung Cancer Metastasis. Molecular Cancer Research, 2012, 10, 1319-1331.	1.5	88
26	Identification of Five Driver Gene Mutations in Patients with Treatment-NaÃ¯ve Lung Adenocarcinoma in Taiwan. PLoS ONE, 2015, 10, e0120852.	1.1	88
27	The transcriptional factor YY1 upregulates the novel invasion suppressor HLJ1 expression and inhibits cancer cell invasion. Oncogene, 2005, 24, 4081-4093.	2.6	81
28	R331W Missense Mutation of Oncogene YAP1 Is a Germline Risk Allele for Lung Adenocarcinoma With Medical Actionability. Journal of Clinical Oncology, 2015, 33, 2303-2310.	0.8	77
29	Transcriptomeâ€wide analysis of the <scp>MADS</scp>â€box gene family in the orchid <scp>E</scp>rycina pusilla. Plant Biotechnology Journal, 2016, 14, 284-298.	4.1	74
30	Profiling the Downstream Genes of Tumor Suppressor PTEN in Lung Cancer Cells by Complementary DNA Microarray. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 355-363.	1.4	70
31	The ability of LCRMP-1 to promote cancer invasion by enhancing filopodia formation is antagonized by CRMP-1. Journal of Clinical Investigation, 2011, 121, 3189-3205.	3.9	67
32	Expression of a Bacillus thuringiensis toxin (cry1Ab) gene in cabbage (Brassica oleracea L. var. capitata) Tj ETQq0 0 0 rgBT /Overlock 10 T Genetics, 2008, 117, 75-88.	1.8	65
33	Dynamic Plasma EGFR Mutation Status as a Predictor of EGFR-TKI Efficacy in Patients with EGFR-Mutant Lung Adenocarcinoma. Journal of Thoracic Oncology, 2015, 10, 603-610.	0.5	64
34	High PD-L1 expression correlates with primary resistance to EGFR-TKIs in treatment naÃ¯ve advanced EGFR-mutant lung adenocarcinoma patients. Lung Cancer, 2019, 127, 37-43.	0.9	60
35	EGFR mutation, smoking, and gender in advanced lung adenocarcinoma. Oncotarget, 2017, 8, 98384-98393.	0.8	58
36	Synergistic Activation of the Tumor Suppressor, HLJ1, by the Transcription Factors YY1 and Activator Protein 1. Cancer Research, 2007, 67, 4816-4826.	0.4	56

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37	Terpinen-4-ol Induces Apoptosis in Human Nonsmall Cell Lung Cancer In Vitro and In Vivo. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-13.	0.5	49
38	The Association of Acquired T790M Mutation with Clinical Characteristics after Resistance to First-Line Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor in Lung Adenocarcinoma. Cancer Research and Treatment, 2018, 50, 1294-1303.	1.3	49
39	Unique MicroRNA Signature and Clinical Outcome of Cancers. DNA and Cell Biology, 2007, 26, 283-292.	0.9	48
40	Digoxin Suppresses Tumor Malignancy through Inhibiting Multiple Src-Related Signaling Pathways in Non-Small Cell Lung Cancer. PLoS ONE, 2015, 10, e0123305.	1.1	47
41	The HLJ1 -targeting drug screening identified Chinese herb andrographolide that can suppress tumour growth and invasion in non-small-cell lung cancer. Carcinogenesis, 2013, 34, 1069-1080.	1.3	44
42	Global transcriptome analysis and identification of a CONSTANS-like gene family in the orchid Erycina pusilla. Planta, 2013, 237, 1425-1441.	1.6	42
43	Recombinant Lipidated HPV E7 Induces a Th-1-Biased Immune Response and Protective Immunity against Cervical Cancer in a Mouse Model. PLoS ONE, 2012, 7, e40970.	1.1	42
44	Evaluation of EGFR and RTK Signaling in the Electrotaxis of Lung Adenocarcinoma Cells under Direct-Current Electric Field Stimulation. PLoS ONE, 2013, 8, e73418.	1.1	41
45	Syndecan-1 up-regulated by ephrinB2/EphB4 plays dual roles in inflammatory angiogenesis. Blood, 2004, 104, 1025-1033.	0.6	40
46	Multifunctional transcription factor YY1: a therapeutic target in human cancer?. Expert Opinion on Therapeutic Targets, 2006, 10, 253-266.	1.5	40
47	Topology-based cancer classification and related pathway mining using microarray data. Nucleic Acids Research, 2006, 34, 4069-4080.	6.5	39
48	Catalog of Erycina pusilla miRNA and categorization of reproductive phase-related miRNAs and their target gene families. Plant Molecular Biology, 2013, 82, 193-204.	2.0	39
49	Autocrine and Paracrine Regulation of Interleukin-8 Expression in Lung Cancer Cells. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 540-547.	1.4	38
50	GENE EXPRESSION PROFILES IN HYPOXIC PRECONDITIONING USING CDNA MICROARRAY ANALYSIS: ALTERED EXPRESSION OF AN ANGIOGENIC FACTOR, CARCINOEMBRYONIC ANTIGEN-RELATED CELL ADHESION MOLECULE 1. Shock, 2005, 24, 124-131.	1.0	37
51	Global analysis of differentially expressed genes in early gestational decidua and chorionic villi using a 9600 human cDNA microarray. Molecular Human Reproduction, 2002, 8, 475-484.	1.3	36
52	Functional and Structural Characteristics of Tumor Angiogenesis in Lung Cancers Overexpressing Different VEGF Isoforms Assessed by DCE- and SSCE-MRI. PLoS ONE, 2011, 6, e16062.	1.1	36
53	CRSD: a comprehensive web server for composite regulatory signature discovery. Nucleic Acids Research, 2006, 34, W571-W577.	6.5	35
54	BeMADS1 is a key to delivery MADSs into nucleus in reproductive tissues-De novo characterization of Bambusa edulis transcriptome and study of MADS genes in bamboo floral development. BMC Plant Biology, 2014, 14, 179.	1.6	35

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55	Shisa3 Is Associated with Prolonged Survival through Promoting Î²-Catenin Degradation in Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 433-444.	2.5	34
56	HOXA5 and p53 cooperate to suppress lung cancer cell invasion and serve as good prognostic factors in non-small cell lung cancer. Journal of Cancer, 2017, 8, 1071-1081.	1.2	34
57	Dimethyl Sulfoxide Promotes the Multiple Functions of the Tumor Suppressor HLJ1 through Activator Protein-1 Activation in NSCLC Cells. PLoS ONE, 2012, 7, e33772.	1.1	34
58	Clustered Genomic Alterations in Chromosome 7p Dictate Outcomes and Targeted Treatment Responses of Lung Adenocarcinoma WithEGFR-Activating Mutations. Journal of Clinical Oncology, 2011, 29, 3435-3442.	0.8	33
59	Gene Expression of Human Lung Cancer Cell Line CL1â€“5 in Response to a Direct Current Electric Field. PLoS ONE, 2011, 6, e25928.	1.1	31
60	Single-Walled Carbon Nanotubes Induce Airway Hyperreactivity and Parenchymal Injury in Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 257-267.	1.4	31
61	IIIDB: a database for isoform-isoform interactions and isoform network modules. BMC Genomics, 2015, 16, S10.	1.2	31
62	HOXA5 Inhibits Metastasis via Regulating Cytoskeletal Remodelling and Associates with Prolonged Survival in Non-Small-Cell Lung Carcinoma. PLoS ONE, 2015, 10, e0124191.	1.1	30
63	Transcriptome analysis in blastocyst hatching by cDNA microarray*. Human Reproduction, 2005, 20, 2492-2501.	0.4	29
64	HLJ1 is a novel caspase-3 substrate and its expression enhances UV-induced apoptosis in non-small cell lung carcinoma. Nucleic Acids Research, 2010, 38, 6148-6158.	6.5	29
65	EMP-1 is a junctional protein in a liver stem cell line and in the liver. Biochemical and Biophysical Research Communications, 2005, 334, 996-1003.	1.0	24
66	T-DNA Activation Tagging as a Tool to IsolateSalvia miltiorrhizaTransgenic Lines for Higher Yields of Tanshinones. Planta Medica, 2008, 74, 780-786.	0.7	24
67	Identification of ESTs differentially expressed in green and albino mutant bamboo (Bambusa edulis) by suppressive subtractive hybridization (SSH) and microarray analysis. Plant Cell, Tissue and Organ Culture, 2006, 86, 169-175.	1.2	23
68	Tumor Suppressor HLJ1 Binds and Functionally Alters Nucleophosmin via Activating Enhancer Binding Protein 2Î± Complex Formation. Cancer Research, 2010, 70, 1656-1667.	0.4	23
69	HLJ1 is an endogenous Src inhibitor suppressing cancer progression through dual mechanisms. Oncogene, 2016, 35, 5674-5685.	2.6	23
70	Tumour suppressor HLJ1: A potential diagnostic, preventive and therapeutic target in non-small cell lung cancer. World Journal of Clinical Oncology, 2014, 5, 865.	0.9	22
71	Global expression profiling of theophylline response genes in macrophages: evidence of airway anti-inflammatory regulation. Respiratory Research, 2005, 6, 89.	1.4	21
72	Antihelminthic niclosamide modulates dendritic cells activation and function. Cellular Immunology, 2014, 288, 15-23.	1.4	20

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73	Small Molecule T315 Promotes Casitas B-Lineage Lymphomaâ€“Dependent Degradation of Epidermal Growth Factor Receptor via Y1045 Autophosphorylation. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 753-766.	2.5	20
74	EGFRmutation and lobar location of lung adenocarcinoma. Carcinogenesis, 2016, 37, 157-162.	1.3	19
75	PARVA Promotes Metastasis by Modulating ILK Signalling Pathway in Lung Adenocarcinoma. PLoS ONE, 2015, 10, e0118530.	1.1	19
76	Increased risk of community-acquired pneumonia in COPD patients with comorbid cardiovascular disease. International Journal of COPD, 2016, Volume 11, 3051-3058.	0.9	17
77	Chidamide alleviates TGF-Î²-induced epithelialâ€“mesenchymal transition in lung cancer cell lines. Molecular Biology Reports, 2016, 43, 687-695.	1.0	17
78	Suppressive effect of microRNA319 expression on rice plant height. Theoretical and Applied Genetics, 2017, 130, 1507-1518.	1.8	17
79	p53 Amino Acids 339â€“346 Represent the Minimal p53 Repression Domain. Journal of Biological Chemistry, 2001, 276, 1510-1515.	1.6	16
80	Modulation of the expression of the invasion-suppressor CRMP-1 by cyclooxygenase-2 inhibition via reciprocal regulation of Sp1 and C/EBPÎ±. Molecular Cancer Therapeutics, 2008, 7, 1365-1375.	1.9	16
81	Tumor microenvironment-based screening repurposes drugs targeting cancer stem cells and cancer-associated fibroblasts. Theranostics, 2021, 11, 9667-9686.	4.6	16
82	Comparative proteomic profiling of human lung adenocarcinoma cells (CL 1â€“0) expressing miRâ€372. Electrophoresis, 2012, 33, 675-688.	1.3	15
83	Multiple target drug cocktail design for attacking the core network markers of four cancers using ligand-based and structure-based virtual screening methods. BMC Medical Genomics, 2015, 8, S4.	0.7	15
84	Acidic stress facilitates tyrosine phosphorylation of HLJ1 to associate with actin cytoskeleton in lung cancer cells. Experimental Cell Research, 2010, 316, 2910-2921.	1.2	14
85	Spermine Attenuates the Action of the DNA Intercalator, Actinomycin D, on DNA Binding and the Inhibition of Transcription and DNA Replication. PLoS ONE, 2012, 7, e47101.	1.1	14
86	Prior EGFR tyrosine-kinase inhibitor therapy did not influence the efficacy of subsequent pemetrexed plus platinum in advanced chemonaïve patients with EGFR-mutant lung adenocarcinoma. OncoTargets and Therapy, 2014, 7, 799.	1.0	14
87	Activation of hepatic stellate cells by the ubiquitin C-terminal hydrolase 1 protein secreted from hepatitis C virus-infected hepatocytes. Scientific Reports, 2017, 7, 4448.	1.6	14
88	Oncogenic miR-137 contributes to cisplatin resistance via repressing CASP3 in lung adenocarcinoma. American Journal of Cancer Research, 2016, 6, 1317-30.	1.4	13
89	PD-L1 strong expressions affect the clinical outcomes of osimertinib in treatment naÃ¯ve advanced EGFR-mutant non-small cell lung cancer patients. Scientific Reports, 2022, 12, .	1.6	13
90	AC-93253 iodide, a novel Src inhibitor, suppresses NSCLC progression by modulating multiple Src-related signaling pathways. Journal of Hematology and Oncology, 2017, 10, 172.	6.9	11

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91	Landscape of Mitochondria Genome and Clinical Outcomes in Stage 1 Lung Adenocarcinoma. Cancers, 2020, 12, 755.	1.7	11
92	Combined differential gene expression profile and pathway enrichment analyses to elucidate the molecular mechanisms of uterine leiomyoma after gonadotropin-releasing hormone treatment. Fertility and Sterility, 2008, 90, 1219-1225.	0.5	10
93	4(1H)-quinolone derivatives overcome acquired resistance to anti-microtubule agents by targeting the colchicine site of Î²-tubulin. European Journal of Medicinal Chemistry, 2019, 181, 111584.	2.6	10
94	Astrocyte-elevated gene-1 confers resistance to pemetrexed in non-small cell lung cancer by upregulating thymidylate synthase expression. Oncotarget, 2017, 8, 61901-61916.	0.8	10
95	Rhodomycin A, a novel Src-targeted compound, can suppress lung cancer cell progression via modulating Src-related pathways. Oncotarget, 2015, 6, 26252-26265.	0.8	10
96	The Clinical Outcomes of Different First-Line EGFR-TKIs Plus Bevacizumab in Advanced EGFR-Mutant Lung Adenocarcinoma. Cancer Research and Treatment, 2022, 54, 434-444.	1.3	9
97	Higher frequency but random distribution of EGFR mutation subtypes in familial lung cancer patients. Oncotarget, 2016, 7, 53299-53308.	0.8	9
98	Phosphatase of regenerating liver-3 inhibits invasiveness and proliferation in non-small cell lung cancer by regulating the epithelial-mesenchymal transition. Oncotarget, 2016, 7, 21799-21811.	0.8	9
99	Primary Tumor Radiotherapy During EGFR-TKI Disease Control Improves Survival of Treatment NaÃ¯ve Advanced EGFR-Mutant Lung Adenocarcinoma Patients. OncoTargets and Therapy, 2021, Volume 14, 2139-2148.	1.0	7
100	The impact of different first-line EGFR-TKIs on the clinical outcome of sequential osimertinib treatment in advanced NSCLC with secondary T790M. Scientific Reports, 2021, 11, 12084.	1.6	7
101	The Difference in Clinical Outcomes Between Osimertinib and Afatinib for First-Line Treatment in Patients with Advanced and Recurrent EGFR-Mutant Non-Small Cell Lung Cancer in Taiwan. Targeted Oncology, 2022, 17, 295-306.	1.7	7
102	Intra-abdominal adhesion formation induces anti-oxidative injury, enhances cell proliferation, and prevents complement-mediated lysis. Wound Repair and Regeneration, 2008, 16, 388-398.	1.5	6
103	Study of the inhibitory effects on <scp>TNF</scp>â€Ì±â€induced <scp>NF</scp>â€Ì°B activation of <scp>IMD</scp>0354 analogs. Chemical Biology and Drug Design, 2017, 90, 1307-1311.	1.5	6
104	A New Era for Cancer Target Therapies: Applying Systems Biology and Computer-Aided Drug Design to Cancer Therapies. Current Pharmaceutical Biotechnology, 2016, 17, 1246-1267.	0.9	6
105	Expression Profiling of Human Epidermal Keratinocyte Response Following 1-Minute JP-8 Exposure. Cutaneous and Ocular Toxicology, 2006, 25, 141-153.	0.5	5
106	Genome-wide identification of specific oligonucleotides using artificial neural network and computational genomic analysis. BMC Bioinformatics, 2007, 8, 164.	1.2	5
107	Transgenic lettuce (Lactuca sativa L.) expressing H1N1 influenza surface antigen (neuraminidase). Scientia Horticulturae, 2012, 139, 8-13.	1.7	5
108	Discovering chromatin motifs using FAIRE sequencing and the human diploid genome. BMC Genomics, 2013, 14, 310.	1.2	5

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109	MITF functions as a tumor suppressor in non-small cell lung cancer beyond the canonically oncogenic role. Aging, 2021, 13, 646-674.	1.4	5
110	The transcriptional repression activity of STAF65Î³ is facilitated by promoter tethering and nuclear import of class IIa histone deacetylases. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 579-591.	0.9	4
111	Inferring condition-specific targets of human TF-TF complexes using ChIP-seq data. BMC Genomics, 2017, 18, 61.	1.2	4
112	iTAR: a web server for identifying target genes of transcription factors using ChIP-seq or ChIP-chip data. BMC Genomics, 2016, 17, 632.	1.2	3
113	Complete mitochondrial genome of Oncorhynchus masou formosanus (Jordan & Oshima,) Tj ETQq1 1 0.784314 rgBT /Over	0.2	3
114	Pharmacophore-based virtual screening for the identification of the novel Src inhibitor SJG-136 against lung cancer cell growth and motility. American Journal of Cancer Research, 2020, 10, 1668-1690.	1.4	3
115	RiceATM: a platform for identifying the association between rice agronomic traits and miRNA expression. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw151.	1.4	2
116	Predilection of contralateral upper lung metastasis in upper lobe lung adenocarcinoma patients. Journal of Thoracic Disease, 2016, 8, 86-92.	0.6	2
117	Paired-like homeodomain 2B contributes to tumour progression and anti-autophagy in human lung cancer. American Journal of Cancer Research, 2021, 11, 4900-4918.	1.4	0