

Sung-Liang Yu

List of Publications by Year in Descending Order

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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.

158 papers	7,226 citations	41 h-index	81 g-index
168 ext. papers	8,288 ext. citations	6.5 avg, IF	5.31 L-index

#	Paper	IF	Citations
158	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.. <i>Targeted Oncology</i> , 2022 , 1	5	1
157	Screening of early-staged colorectal neoplasia by clonal hematopoiesis-based liquid biopsy and machine-learning.. <i>American Journal of Cancer Research</i> , 2022 , 12, 1088-1101	4.4	
156	Primary Tumor Radiotherapy During EGFR-TKI Disease Control Improves Survival of Treatment Naïve Advanced EGFR-Mutant Lung Adenocarcinoma Patients. <i>OncoTargets and Therapy</i> , 2021 , 14, 2139-2148	4.4	1
155	Philadelphia chromosome-negative B-cell acute lymphoblastic leukaemia with kinase fusions in Taiwan. <i>Scientific Reports</i> , 2021 , 11, 5802	4.9	2
154	The impact of different first-line EGFR-TKIs on the clinical outcome of sequential osimertinib treatment in advanced NSCLC with secondary T790M. <i>Scientific Reports</i> , 2021 , 11, 12084	4.9	2
153	IKK β isoform switching governs the immune response against EV71 infection. <i>Communications Biology</i> , 2021 , 4, 663	6.7	0
152	Primary Tumor Resection Is Associated with a Better Outcome among Advanced EGFR-Mutant Lung Adenocarcinoma Patients Receiving EGFR-TKI Treatment. <i>Oncology</i> , 2021 , 99, 32-40	3.6	4
151	PCDH10 exerts tumor-suppressor functions through modulation of EGFR/AKT axis in colorectal cancer. <i>Cancer Letters</i> , 2021 , 499, 290-300	9.9	10
150	The relative importance of predictive factors for single first-generation EGFR-TKI use for more than 5 years in patients with advanced non-small cell lung cancer: Taiwan multicenter TIPS-5 study. <i>Therapeutic Advances in Medical Oncology</i> , 2021 , 13, 17588359211018022	5.4	0
149	Genome-Wide Epigenetic Landscape of Lung Adenocarcinoma Links HOXB9 DNA Methylation to Intrinsic EGFR-TKI Resistance and Heterogeneous Responses. <i>JCO Precision Oncology</i> , 2021 , 5,	3.6	4
148	Prognostic Characteristics and Immunotherapy Response of Patients With Nonsquamous NSCLC With Mutation in East Asian Populations: A Single-Center Cohort Study in Taiwan. <i>JTO Clinical and Research Reports</i> , 2021 , 2, 100140	1.4	2
147	Transthyretin as a Biomarker to Predict and Monitor Major Depressive Disorder Identified by Whole-Genome Transcriptomic Analysis in Mouse Models. <i>Biomedicines</i> , 2021 , 9,	4.8	1
146	A Celecoxib Derivative Eradicates Antibiotic-Resistant and Biofilms by Targeting YidC2 Translocase. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
145	Copy Number Alterations of Depressed Colorectal Neoplasm Predict the Survival and Response to Oxaliplatin in Proximal Colon Cancer. <i>Cancers</i> , 2020 , 12,	6.6	2
144	Landscape of Mitochondria Genome and Clinical Outcomes in Stage 1 Lung Adenocarcinoma. <i>Cancers</i> , 2020 , 12,	6.6	3
143	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression. <i>Cell</i> , 2020 , 182, 226-244.e17	56.2	65
142	MITF functions as a tumor suppressor in non-small cell lung cancer beyond the canonically oncogenic role. <i>Aging</i> , 2020 , 13, 646-674	5.6	2

141	Statin-induced microRNAome alterations modulating inflammation pathways of peripheral blood mononuclear cells in patients with hypercholesterolemia. <i>Bioscience Reports</i> , 2020 , 40,	4.1	1
140	Long-term outcomes and left ventricular diastolic function of sarcomere mutation-positive and mutation-negative patients with hypertrophic cardiomyopathy: a prospective cohort study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 ,	4.1	2
139	ALK variants, PD-L1 expression, and their association with outcomes in ALK-positive NSCLC patients. <i>Scientific Reports</i> , 2020 , 10, 21063	4.9	8
138	FPGS relapse-specific mutations in relapsed childhood acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2020 , 10, 12074	4.9	2
137	Targeting the insulin-like growth factor-1 receptor in MTAP-deficient renal cell carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2019 , 4, 2	21	6
136	Host relieves Inc-IRAK3-3-sequestered miR-891b to attenuate apoptosis in Enterovirus 71 infection. <i>Cellular Microbiology</i> , 2019 , 21, e13043	3.9	8
135	Tumor mutation burden and recurrent tumors in hereditary lung cancer. <i>Cancer Medicine</i> , 2019 , 8, 2179-2187	4.18	12
134	Extracorporeal Life Support Enhances the Forward Pressure Wave to Cause a Mismatch between Cardiac Oxygen Demand and Supply. <i>Scientific Reports</i> , 2019 , 9, 13882	4.9	
133	The Relationship Between Air Pollution and Lung Cancer in Nonsmokers in Taiwan. <i>Journal of Thoracic Oncology</i> , 2019 , 14, 784-792	8.9	51
132	Liquid biopsy for detection of EGFR T790M mutation in nonsmall cell lung cancer: An experience of proficiency testing in Taiwan. <i>Journal of the Chinese Medical Association</i> , 2019 , 82, 473-476	2.8	4
131	High PD-L1 expression correlates with primary resistance to EGFR-TKIs in treatment naïve advanced EGFR-mutant lung adenocarcinoma patients. <i>Lung Cancer</i> , 2019 , 127, 37-43	5.9	35
130	Perinatal polychlorinated biphenyls and polychlorinated dibenzofurans exposure are associated with DNA methylation changes lasting to early adulthood: Findings from Yucheng second generation. <i>Environmental Research</i> , 2019 , 170, 481-486	7.9	12
129	EGFR-Mutant SCLC Exhibits Heterogeneous Phenotypes and Resistance to Common Antineoplastic Drugs. <i>Journal of Thoracic Oncology</i> , 2019 , 14, 513-526	8.9	7
128	Hypoxia-induced Slug SUMOylation enhances lung cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 5	12.8	12
127	Characteristics and Predictive Value of PD-L1 Status in Real-World Non-Small Cell Lung Cancer Patients. <i>Journal of Immunotherapy</i> , 2018 , 41, 292-299	5	16
126	Inducing hair follicle neogenesis with secreted proteins enriched in embryonic skin. <i>Biomaterials</i> , 2018 , 167, 121-131	15.6	21
125	Intercalated Treatment Following Rebiopsy Is Associated with a Shorter Progression-Free Survival of Osimertinib Treatment. <i>Cancer Research and Treatment</i> , 2018 , 50, 1164-1174	5.2	4
124	The Association of Acquired T790M Mutation with Clinical Characteristics after Resistance to First-Line Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor in Lung Adenocarcinoma. <i>Cancer Research and Treatment</i> , 2018 , 50, 1294-1303	5.2	28

123	Improvement of NGS uniformity of single cell sequencing in CTCs by WGA QC and increased sequencing throughput.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e21176-e21176	2.2	
122	FAM198B Is Associated with Prolonged Survival and Inhibits Metastasis in Lung Adenocarcinoma via Blockage of ERK-Mediated MMP-1 Expression. <i>Clinical Cancer Research</i> , 2018 , 24, 916-926	12.9	14
121	Mutational monitoring of EGFR T790M in cfDNA for clinical outcome prediction in EGFR-mutant lung adenocarcinoma. <i>PLoS ONE</i> , 2018 , 13, e0207001	3.7	10
120	Genome-Wide Scan for Copy Number Alteration Association with Relapse-Free Survival in Colorectal Cancer with Liver Metastasis Patients. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	3
119	Clinicopathological and genomic comparisons between different histologic components in combined small cell lung cancer and non-small cell lung cancer. <i>Lung Cancer</i> , 2018 , 125, 282-290	5.9	23
118	Rapid Sputum Multiplex Detection of the M. tuberculosis Complex (MTBC) and Resistance Mutations for Eight Antibiotics by Nucleotide MALDI-TOF MS. <i>Scientific Reports</i> , 2017 , 7, 41486	4.9	7
117	Crosstalk between CLCb/Dyn1-Mediated Adaptive Clathrin-Mediated Endocytosis and Epidermal Growth Factor Receptor Signaling Increases Metastasis. <i>Developmental Cell</i> , 2017 , 40, 278-288.e5	10.2	50
116	Upregulation of microRNA-137 expression by Slug promotes tumor invasion and metastasis of non-small cell lung cancer cells through suppression of TFAP2C. <i>Cancer Letters</i> , 2017 , 402, 190-202	9.9	37
115	HOXA5 and p53 cooperate to suppress lung cancer cell invasion and serve as good prognostic factors in non-small cell lung cancer. <i>Journal of Cancer</i> , 2017 , 8, 1071-1081	4.5	27
114	Cancer cells increase endothelial cell tube formation and survival by activating the PI3K/Akt signalling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017 , 36, 27	12.8	63
113	Gene expression of MAGE-A3 and PRAME tumor antigens and EGFR mutational status in Taiwanese non-small cell lung cancer patients. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2017 , 13, e212-e223	1.9	9
112	SP110b Controls Host Immunity and Susceptibility to Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 369-382	10.2	21
111	EGFR mutation, smoking, and gender in advanced lung adenocarcinoma. <i>Oncotarget</i> , 2017 , 8, 98384-98393	3.3	43
110	Multiplex ALK, RET, and ROS1 fusion mutation detection in FFPE from lung cancer patients by MALDI-TOF mass spectrometry.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e13103-e13103	2.2	
109	Smoking-related microRNAs and mRNAs in human peripheral blood mononuclear cells. <i>Toxicology and Applied Pharmacology</i> , 2016 , 305, 169-175	4.6	16
108	ChemiRs: a web application for microRNAs and chemicals. <i>BMC Bioinformatics</i> , 2016 , 17, 167	3.6	19
107	EGFR mutation and lobar location of lung adenocarcinoma. <i>Carcinogenesis</i> , 2016 , 37, 157-162	4.6	10
106	SPANXA suppresses EMT by inhibiting c-JUN/SNAI2 signaling in lung adenocarcinoma. <i>Oncotarget</i> , 2016 , 7, 44417-44429	3.3	21

105	The emergence of T790M mutation in EGFR-mutant lung adenocarcinoma patients having a history of acquired resistance to EGFR-TKI: focus on rebiopsy timing and long-term existence of T790M. <i>Oncotarget</i> , 2016 , 7, 48059-48069	3.3	17
104	Molecular gene signature and prognosis of non-small cell lung cancer. <i>Oncotarget</i> , 2016 , 7, 51898-51907	3.3	15
103	Higher frequency but random distribution of EGFR mutation subtypes in familial lung cancer patients. <i>Oncotarget</i> , 2016 , 7, 53299-53308	3.3	6
102	Predilection of contralateral upper lung metastasis in upper lobe lung adenocarcinoma patients. <i>Journal of Thoracic Disease</i> , 2016 , 8, 86-92	2.6	1
101	Oncogenic miR-137 contributes to cisplatin resistance via repressing CASP3 in lung adenocarcinoma. <i>American Journal of Cancer Research</i> , 2016 , 6, 1317-30	4.4	12
100	EGFR-activating mutations, DNA copy number abundance of ErbB family, and prognosis in lung adenocarcinoma. <i>Oncotarget</i> , 2016 , 7, 9017-25	3.3	13
99	Phosphatase of regenerating liver-3 inhibits invasiveness and proliferation in non-small cell lung cancer by regulating the epithelial-mesenchymal transition. <i>Oncotarget</i> , 2016 , 7, 21799-811	3.3	7
98	Multiple gene sequencing for risk assessment in patients with early-onset or familial breast cancer. <i>Oncotarget</i> , 2016 , 7, 8310-20	3.3	53
97	MicroRNA and Pathogenesis of Enterovirus Infection. <i>Viruses</i> , 2016 , 8,	6.2	30
96	JAG1 Is Associated with Poor Survival through Inducing Metastasis in Lung Cancer. <i>PLoS ONE</i> , 2016 , 11, e0150355	3.7	22
95	Implementation and Quality Control of Lung Cancer EGFR Genetic Testing by MALDI-TOF Mass Spectrometry in Taiwan Clinical Practice. <i>Scientific Reports</i> , 2016 , 6, 30944	4.9	9
94	HLJ1 is an endogenous Src inhibitor suppressing cancer progression through dual mechanisms. <i>Oncogene</i> , 2016 , 35, 5674-5685	9.2	11
93	R331W Missense Mutation of Oncogene YAP1 Is a Germline Risk Allele for Lung Adenocarcinoma With Medical Actionability. <i>Journal of Clinical Oncology</i> , 2015 , 33, 2303-10	2.2	62
92	DNA Hypermethylation of SHISA3 in Colorectal Cancer: An Independent Predictor of Poor Prognosis. <i>Annals of Surgical Oncology</i> , 2015 , 22 Suppl 3, S1481-9	3.1	18
91	Dynamic plasma EGFR mutation status as a predictor of EGFR-TKI efficacy in patients with EGFR-mutant lung adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 603-10	8.9	55
90	Predicting outcome in patients under extracorporeal membrane oxygenation due to cardiogenic shock through dynamic change of lymphocytes and interleukins. <i>IJC Metabolic & Endocrine</i> , 2015 , 7, 36-44		6
89	Slug is temporally regulated by cyclin E in cell cycle and controls genome stability. <i>Oncogene</i> , 2015 , 34, 1116-25	9.2	27
88	Opposite Effects of M1 and M2 Macrophage Subtypes on Lung Cancer Progression. <i>Scientific Reports</i> , 2015 , 5, 14273	4.9	189

87	Knockdown of GALNT1 suppresses malignant phenotype of hepatocellular carcinoma by suppressing EGFR signaling. <i>Oncotarget</i> , 2015 , 6, 5650-65	3.3	34
86	IL-8 confers resistance to EGFR inhibitors by inducing stem cell properties in lung cancer. <i>Oncotarget</i> , 2015 , 6, 10415-31	3.3	49
85	Identification of five driver gene mutations in patients with treatment-naïve lung adenocarcinoma in Taiwan. <i>PLoS ONE</i> , 2015 , 10, e0120852	3.7	58
84	HOXA5 inhibits metastasis via regulating cytoskeletal remodelling and associates with prolonged survival in non-small-cell lung carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0124191	3.7	24
83	Potential therapeutic benefit of combining gefitinib and tamoxifen for treating advanced lung adenocarcinoma. <i>BioMed Research International</i> , 2015 , 2015, 642041	3	9
82	miR-146a and miR-370 coordinate enterovirus 71-induced cell apoptosis through targeting SOS1 and GADD45. <i>Cellular Microbiology</i> , 2015 , 17, 802-18	3.9	23
81	PARVA promotes metastasis by modulating ILK signalling pathway in lung adenocarcinoma. <i>PLoS ONE</i> , 2015 , 10, e0118530	3.7	16
80	A Double Negative Loop Comprising ETV6/RUNX1 and MIR181A1 Contributes to Differentiation Block in t(12;21)-Positive Acute Lymphoblastic Leukemia. <i>PLoS ONE</i> , 2015 , 10, e0142863	3.7	11
79	Rhomomycin A, a novel Src-targeted compound, can suppress lung cancer cell progression via modulating Src-related pathways. <i>Oncotarget</i> , 2015 , 6, 26252-65	3.3	9
78	Cancer-associated fibroblasts regulate the plasticity of lung cancer stemness via paracrine signalling. <i>Nature Communications</i> , 2014 , 5, 3472	17.4	246
77	Sorafenib relieves cell-intrinsic and cell-extrinsic inhibitions of effector T cells in tumor microenvironment to augment antitumor immunity. <i>International Journal of Cancer</i> , 2014 , 134, 319-31	7.5	87
76	Inhibition of miR-146a prevents enterovirus-induced death by restoring the production of type I interferon. <i>Nature Communications</i> , 2014 , 5, 3344	17.4	102
75	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. <i>OncoTargets and Therapy</i> , 2014 , 7, 799-805	4.4	12
74	MicroRNA-133a suppresses multiple oncogenic membrane receptors and cell invasion in non-small cell lung carcinoma. <i>PLoS ONE</i> , 2014 , 9, e96765	3.7	61
73	Shisa3 is associated with prolonged survival through promoting Eatenin degradation in lung cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 433-44	10.2	27
72	Do interleukin-10 and superoxide ions predict outcomes of cardiac extracorporeal membrane oxygenation patients?. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 60-8	8.4	11
71	Modulated expression of human peripheral blood microRNAs from infancy to adulthood and its role in aging. <i>Aging Cell</i> , 2014 , 13, 679-89	9.9	27
70	Protocadherin 10 suppresses tumorigenesis and metastasis in colorectal cancer and its genetic loss predicts adverse prognosis. <i>International Journal of Cancer</i> , 2014 , 135, 2593-603	7.5	27

69	Talbot holographic illumination nonscanning (THIN) fluorescence microscopy. <i>Laser and Photonics Reviews</i> , 2014 , 8, L71-L75	8.3	17
68	Impact of EGFR mutation detection methods on the efficacy of erlotinib in patients with advanced EGFR-wild type lung adenocarcinoma. <i>PLoS ONE</i> , 2014 , 9, e107160	3.7	10
67	Genome-wide analysis of three-way interplay among gene expression, cancer cell invasion and anti-cancer compound sensitivity. <i>BMC Medicine</i> , 2013 , 11, 106	11.4	26
66	Focal amplification of HOXD-harboring chromosome region is implicated in multiple-walled carbon nanotubes-induced carcinogenicity. <i>Nano Letters</i> , 2013 , 13, 4632-41	11.5	10
65	MicroRNA expression aberration associated with bronchopulmonary dysplasia in preterm infants: a preliminary study. <i>Respiratory Care</i> , 2013 , 58, 1527-35	2.1	26
64	Curcumin Suppresses Metastasis via Sp-1, FAK Inhibition, and E-Cadherin Upregulation in Colorectal Cancer. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 541695	2.3	35
63	The HLJ1-targeting drug screening identified Chinese herb andrographolide that can suppress tumour growth and invasion in non-small-cell lung cancer. <i>Carcinogenesis</i> , 2013 , 34, 1069-80	4.6	36
62	NDST4 is a novel candidate tumor suppressor gene at chromosome 4q26 and its genetic loss predicts adverse prognosis in colorectal cancer. <i>PLoS ONE</i> , 2013 , 8, e67040	3.7	23
61	Biomarkers and transcriptome profiling of lung cancer. <i>Respirology</i> , 2012 , 17, 620-6	3.6	18
60	Development of novel antibacterial agents against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4653-60	3.4	26
59	Pretreatment epidermal growth factor receptor (EGFR) T790M mutation predicts shorter EGFR tyrosine kinase inhibitor response duration in patients with non-small-cell lung cancer. <i>Journal of Clinical Oncology</i> , 2012 , 30, 433-40	2.2	420
58	Potential Therapeutic Role of Z-Isochaihulactone in Lung Cancer through Induction of Apoptosis via Notch Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 809204	2.3	12
57	Absence of biallelic TCR β deletion predicts induction failure and poorer outcomes in childhood T-cell acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2012 , 58, 846-51	3	18
56	Comparative proteomic profiling of human lung adenocarcinoma cells (CL 1-0) expressing miR-372. <i>Electrophoresis</i> , 2012 , 33, 675-88	3.6	14
55	Rutin, a Flavonoid That Is a Main Component of <i>Saussurea involucreata</i> , Attenuates the Senescence Effect in D-Galactose Aging Mouse Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 980276	2.3	25
54	Single-walled carbon nanotubes induce airway hyperreactivity and parenchymal injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 257-67	5.7	26
53	Galectin-1 promotes lung cancer progression and chemoresistance by upregulating p38 MAPK, ERK, and cyclooxygenase-2. <i>Clinical Cancer Research</i> , 2012 , 18, 4037-47	12.9	111
52	A novel function of YWHAZ/E-catenin axis in promoting epithelial-mesenchymal transition and lung cancer metastasis. <i>Molecular Cancer Research</i> , 2012 , 10, 1319-31	6.6	69

51	Identification of microRNAs expressed highly in pancreatic islet-like cell clusters differentiated from human embryonic stem cells. <i>Cell Biology International</i> , 2011 , 35, 29-37	4.5	36
50	Proteomic comparison of human embryonic stem cells with their differentiated fibroblasts: Identification of 206 genes targeted by hES cell-specific microRNAs. <i>Kaohsiung Journal of Medical Sciences</i> , 2011 , 27, 299-306	2.4	6
49	Enterovirus-induced miR-141 contributes to shutoff of host protein translation by targeting the translation initiation factor eIF4E. <i>Cell Host and Microbe</i> , 2011 , 9, 58-69	23.4	121
48	miRNA-34b as a tumor suppressor in estrogen-dependent growth of breast cancer cells. <i>Breast Cancer Research</i> , 2011 , 13, R116	8.3	55
47	IKZF1 deletions predict a poor prognosis in children with B-cell progenitor acute lymphoblastic leukemia: a multicenter analysis in Taiwan. <i>Cancer Science</i> , 2011 , 102, 1874-81	6.9	47
46	Slug confers resistance to the epidermal growth factor receptor tyrosine kinase inhibitor. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1071-9	10.2	129
45	Antitumor agents 288: design, synthesis, SAR, and biological studies of novel heteroatom-incorporated antofine and cryptopleurine analogues as potent and selective antitumor agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5097-107	8.3	32
44	Antitumor agents 283. Further elaboration of desmosmumotin C analogs as potent antitumor agents: activation of spindle assembly checkpoint as possible mode of action. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 1816-22	3.4	13
43	Clustered genomic alterations in chromosome 7p dictate outcomes and targeted treatment responses of lung adenocarcinoma with EGFR-activating mutations. <i>Journal of Clinical Oncology</i> , 2011 , 29, 3435-42	2.2	28
42	MicroRNA expression aberration as potential peripheral blood biomarkers for schizophrenia. <i>PLoS ONE</i> , 2011 , 6, e21635	3.7	171
41	Curcumin induces EGFR degradation in lung adenocarcinoma and modulates p38 activation in intestine: the versatile adjuvant for gefitinib therapy. <i>PLoS ONE</i> , 2011 , 6, e23756	3.7	78
40	MicroRNA in lung cancer. <i>British Journal of Cancer</i> , 2010 , 103, 1144-8	8.7	184
39	Induction of DNA damage-inducible gene GADD45beta contributes to sorafenib-induced apoptosis in hepatocellular carcinoma cells. <i>Cancer Research</i> , 2010 , 70, 9309-18	10.1	69
38	Tumor suppressor HLJ1 binds and functionally alters nucleophosmin via activating enhancer binding protein 2alpha complex formation. <i>Cancer Research</i> , 2010 , 70, 1656-67	10.1	22
37	MicroRNA-519c suppresses hypoxia-inducible factor-1alpha expression and tumor angiogenesis. <i>Cancer Research</i> , 2010 , 70, 2675-85	10.1	163
36	HLJ1 is a novel caspase-3 substrate and its expression enhances UV-induced apoptosis in non-small cell lung carcinoma. <i>Nucleic Acids Research</i> , 2010 , 38, 6148-58	20.1	21
35	Role of GlnR in acid-mediated repression of genes encoding proteins involved in glutamine and glutamate metabolism in <i>Streptococcus mutans</i> . <i>Applied and Environmental Microbiology</i> , 2010 , 76, 2478-86	4.8	25
34	Isochailulactone protects PC12 cell against H ₂ O ₂ induced oxidative stress and exerts the potent anti-aging effects in D-galactose aging mouse model. <i>Acta Pharmacologica Sinica</i> , 2010 , 31, 1532-40	8	13

33	Extended O6-methylguanine methyltransferase promoter hypermethylation following n-butylidenephthalide combined with 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU) on inhibition of human hepatocellular carcinoma cell growth. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 1630-8	5.7	27
32	Comparative expression profiles of mRNAs and microRNAs among human mesenchymal stem cells derived from breast, face, and abdominal adipose tissues. <i>Kaohsiung Journal of Medical Sciences</i> , 2010 , 26, 113-22	2.4	11
31	Identification of microRNAs regulated by activin A in human embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2010 , 109, 93-102	4.7	30
30	Multiplex reverse transcription-polymerase chain reaction as diagnostic molecular screening of 4 common fusion chimeric genes in Taiwanese children with acute lymphoblastic leukemia. <i>Journal of Pediatric Hematology/Oncology</i> , 2010 , 32, e323-30	1.2	7
29	Expression and prognostic significance of the apoptotic genes BCL2L13, Livin, and CASP8AP2 in childhood acute lymphoblastic leukemia. <i>Leukemia Research</i> , 2010 , 34, 18-23	2.7	29
28	A feeder-free culture using autogeneic conditioned medium for undifferentiated growth of human embryonic stem cells: comparative expression profiles of mRNAs, microRNAs and proteins among different feeders and conditioned media. <i>BMC Cell Biology</i> , 2010 , 11, 76		12
27	Claudin-1 is a metastasis suppressor and correlates with clinical outcome in lung adenocarcinoma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 123-33	10.2	131
26	Induction of Bim expression contributes to the antitumor synergy between sorafenib and mitogen-activated protein kinase/extracellular signal-regulated kinase kinase inhibitor CI-1040 in hepatocellular carcinoma. <i>Clinical Cancer Research</i> , 2009 , 15, 5820-8	12.9	29
25	A four-gene signature from NCI-60 cell line for survival prediction in non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2009 , 15, 7309-15	12.9	42
24	Target identification of microRNAs expressed highly in human embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2009 , 106, 1020-30	4.7	48
23	Phenanthrene-based tylophorine-1 (PBT-1) inhibits lung cancer cell growth through the Akt and NF-kappaB pathways. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 1903-11	8.3	46
22	MicroRNA-18a prevents estrogen receptor-alpha expression, promoting proliferation of hepatocellular carcinoma cells. <i>Gastroenterology</i> , 2009 , 136, 683-93	13.3	219
21	Comparative Profiling of mRNA and microRNA Expression in Human Mesenchymal Stem Cells Derived from Adult Adipose and Lipoma Tissues. <i>Open Stem Cell Journal</i> , 2009 , 1, 1-9	2	5
20	Intra-abdominal adhesion formation induces anti-oxidative injury, enhances cell proliferation, and prevents complement-mediated lysis. <i>Wound Repair and Regeneration</i> , 2008 , 16, 388-98	3.6	3
19	MicroRNA signature predicts survival and relapse in lung cancer. <i>Cancer Cell</i> , 2008 , 13, 48-57	24.3	695
18	Curcumin inhibits lung cancer cell invasion and metastasis through the tumor suppressor HLJ1. <i>Cancer Research</i> , 2008 , 68, 7428-38	10.1	171
17	MicroRNA Expression in Childhood Acute Lymphoblastic Leukemia (ALL). <i>Blood</i> , 2008 , 112, 4467-4467	2.2	
16	Unique MicroRNA signature and clinical outcome of cancers. <i>DNA and Cell Biology</i> , 2007 , 26, 283-92	3.6	43

15	A kinetic-dynamic model for regulatory RNA processing. <i>Journal of Biotechnology</i> , 2007 , 127, 488-95	3.7	5
14	A five-gene signature and clinical outcome in non-small-cell lung cancer. <i>New England Journal of Medicine</i> , 2007 , 356, 11-20	59.2	754
13	Titanium dioxide nanoparticles induce emphysema-like lung injury in mice. <i>FASEB Journal</i> , 2006 , 20, 2393-5	3.5	242
12	Gene expression profiles in hypoxic preconditioning using cDNA microarray analysis: altered expression of an angiogenic factor, carcinoembryonic antigen-related cell adhesion molecule 1. <i>Shock</i> , 2005 , 24, 124-31	3.4	33
11	Arsenic suppresses gene expression in promyelocytic leukemia cells partly through Sp1 oxidation. <i>Blood</i> , 2005 , 106, 304-10	2.2	66
10	Transcriptome analysis in blastocyst hatching by cDNA microarray. <i>Human Reproduction</i> , 2005 , 20, 2492-501	5.1	28
9	Differential gene expression in gram-negative and gram-positive sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 1135-43	10.2	79
8	Anti-invasive gene expression profile of curcumin in lung adenocarcinoma based on a high throughput microarray analysis. <i>Molecular Pharmacology</i> , 2004 , 65, 99-110	4.3	103
7	Cyclosporine A regulate oxidative stress-induced apoptosis in cardiomyocytes: mechanisms via ROS generation, iNOS and Hsp70. <i>British Journal of Pharmacology</i> , 2002 , 137, 771-81	8.6	77
6	Characterization of the distal tail fiber locus and determination of the receptor for phage AR1, which specifically infects Escherichia coli O157:H7. <i>Journal of Bacteriology</i> , 2000 , 182, 5962-8	3.5	35
5	Organization of HIV-1 pol Is Critical for Pol Polyprotein Processing. <i>Journal of Biomedical Science</i> , 1999 , 6, 333-341	13.3	
4	Organization of HIV-1 pol is critical for Pol polyprotein processing. <i>Journal of Biomedical Science</i> , 1999 , 6, 333-41	13.3	1
3	Characterization of a phage specific to hemorrhagic Escherichia coli O157:H7 and disclosure of variations in host outer membrane protein ompC. <i>Journal of Biomedical Science</i> , 1998 , 5, 370-82	13.3	9
2	Characterization of a Phage Specific to Hemorrhagic Escherichia coli O157:H7 and Disclosure of Variations in Host Outer Membrane Protein OmpC. <i>Journal of Biomedical Science</i> , 1998 , 5, 370-382	13.3	8
1	Assay of HIV-1 protease activity by use of crude preparations of enzyme and biotinylated substrate. <i>Journal of Virological Methods</i> , 1995 , 53, 63-73	2.6	11