Wen-chang Lin

List of Publications by Year
in descending order

105	4,014	126907	133252
papers	citations	33 h-index	59 g-index

107	107	107	6023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Novel Human Genes Evolutionarily Conserved in Caenorhabditis elegans by Comparative Proteomics. Genome Research, 2000, 10, 703-713.	5.5	375
2	Epigenetic regulation of miRâ€34b and miRâ€129 expression in gastric cancer. International Journal of Cancer, 2011, 129, 2600-2610.	5.1	174
3	miR-21 microRNA expression in human gastric carcinomas and its clinical association. Anticancer Research, 2008, 28, 907-11.	1.1	166
4	Advances in molecular biomarkers for gastric cancer: miRNAs as emerging novel cancer markers. Expert Reviews in Molecular Medicine, 2014, 16, e1.	3.9	153
5	The Silkworm (Bombyx mori) microRNAs and Their Expressions in Multiple Developmental Stages. PLoS ONE, 2008, 3, e2997.	2.5	130
6	miRNA arm selection and isomiR distribution in gastric cancer. BMC Genomics, 2012, 13, S13.	2.8	125
7	Identification of homologous microRNAs in 56 animal genomes. Genomics, 2010, 96, 1-9.	2.9	115
8	Aberrant hypermethylation ofmiR-9genes in gastric cancer. Epigenetics, 2011, 6, 1189-1197.	2.7	112
9	Epigenetic control of the expression of a primate-specific microRNA cluster in human cancer cells. Epigenetics, 2009, 4, 587-592.	2.7	111
10	Intronic MicroRNA: Discovery and Biological Implications. DNA and Cell Biology, 2007, 26, 195-207.	1.9	110
11	Epigenetic regulation of miRâ€196b expression in gastric cancer. Genes Chromosomes and Cancer, 2010, 49, 969-980.	2.8	96
12	Vir-Mir db: prediction of viral microRNA candidate hairpins. Nucleic Acids Research, 2007, 36, D184-D189.	14.5	87
13	Clinical significance of AXL kinase family in gastric cancer. Anticancer Research, 2002, 22, 1071-8.	1.1	85
14	S- and G2-phase Cell Cycle Arrests and Apoptosis Induced by Ganciclovir in Murine Melanoma Cells Transduced with Herpes Simplex Virus Thymidine Kinase. Experimental Cell Research, 1998, 241, 66-75.	2.6	82
15	Aberrant expression of miRâ€196a in gastric cancers and correlation with recurrence. Genes Chromosomes and Cancer, 2012, 51, 394-401.	2.8	69
16	Comparative tyrosine-kinase profiles in colorectal cancers: Enhanced arg expression in carcinoma as compared with adenoma and normal mucosa. , 1999, 83, 579-584.		68
17	Discovery and characterization of medaka miRNA genes by next generation sequencing platform. BMC Genomics, 2010, 11, S8.	2.8	68
18	Clinical significance of circulating plasma DNA in gastric cancer. International Journal of Cancer, 2016, 138, 2974-2983.	5.1	68

#	Article	IF	Citations
19	Expression of interleukin 2 receptors on human carcinoma cell lines and tumor growth inhibition by interleukin 2. International Journal of Cancer, 1994, 59, 225-234.	5.1	65
20	Tyrosine kinases and gastric cancer. Oncogene, 2000, 19, 5680-5689.	5.9	65
21	Identification of microRNA in the protist Trichomonas vaginalis. Genomics, 2009, 93, 487-493.	2.9	61
22	Mutations in PI3K/AKT pathway genes and amplifications of PIK3CA are associated with patterns of recurrence in gastric cancers. Oncotarget, 2016, 7, 6201-6220.	1.8	61
23	Transcriptional regulation of miR-196b by ETS2 in gastric cancer cells. Carcinogenesis, 2012, 33, 760-769.	2.8	58
24	Urine miR-21-5p as a potential non-invasive biomarker for gastric cancer. Oncotarget, 2017, 8, 56389-56397.	1.8	55
25	Induction of Tie-1 and Tie-2 Receptor Protein Expression after Cerebral Ischemiaâ€"Reperfusion. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 690-701.	4.3	54
26	Bioinformatic discovery of microRNA precursors from human ESTs and introns. BMC Genomics, 2006, 7, 164.	2.8	52
27	Protein tyrosine-phosphatase expression profiling in gastric cancer tissues. Cancer Letters, 2006, 242, 95-103.	7.2	46
28	Development of Micrometastases: Earliest Events Detected With Bacterial lacZ Gene-Tagged Tumor Cells. Journal of the National Cancer Institute, 1990, 82, 1497-1503.	6.3	43
29	Two wobble-splicing events affect ING4 protein subnuclear localization and degradation. Experimental Cell Research, 2008, 314, 3130-3141.	2.6	42
30	Childhood asthma clusters reveal neutrophilâ€predominant phenotype with distinct gene expression. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2024-2032.	5.7	41
31	MetaMirClust: Discovery of miRNA cluster patterns using a data-mining approach. Genomics, 2012, 100, 141-148.	2.9	40
32	Human Gastric Cancer Kinase Profile and Prognostic Significance of MKK4 Kinase. American Journal of Pathology, 2000, 156, 2007-2015.	3.8	39
33	Microsatellite instability in sporadic-colon-cancer patients with and without liver metastases. , 1997, 74, 470-474.		37
34	Interrogation of rabbit miRNAs and their isomiRs. Genomics, 2011, 98, 453-459.	2.9	36
35	Human RegIV Protein Adopts a Typical C-Type Lectin Fold but Binds Mannan with Two Calcium-Independent Sites. Journal of Molecular Biology, 2010, 402, 682-695.	4.2	34
36	Restoration of the Immunocompetence by IL-2 Activation and TCR-CD3 Engagement of the In Vivo Anergized Tumor-Specific CTL from Lung Cancer Patients. Journal of Immunotherapy, 1997, 20, 354-364.	2.4	33

#	Article	IF	Citations
37	MicroRNA let-7-TGFBR3 signalling regulates cardiomyocyte apoptosis after infarction. EBioMedicine, 2019, 46, 236-247.	6.1	30
38	Phosgene formation from the decomposition of 1,1-C2H2Cl2 contained gas in an RF plasma reactor. Journal of Hazardous Materials, 1996, 48, 51-67.	12.4	29
39	Possible effect of pneumoperitoneum on the spreading of colon cancer tumor cells. Diseases of the Colon and Rectum, 1997, 40, 791-797.	1.3	28
40	Identification and Gene Structure of a Novel Human PLZF-Related Transcription Factor Gene, TZFP. Biochemical and Biophysical Research Communications, 1999, 264, 789-795.	2.1	28
41	A Comprehensive Analysis of Transcript-Supported De Novo Genes in Saccharomyces sensu stricto Yeasts. Molecular Biology and Evolution, 2017, 34, 2823-2838.	8.9	28
42	Quantitative analysis of wobble splicing indicates that it is not tissue specific. Genomics, 2006, 88, 855-864.	2.9	27
43	Nuclear localization of orphan receptor protein kinase (Ror1) is mediated through the juxtamembrane domain. BMC Cell Biology, 2010, 11, 48.	3.0	27
44	Induction of protein tyrosine phosphorylation in human natural killer cells by triggering via alpha 4 beta 1 or alpha 5 beta 1 integrins. Blood, 1995, 85, 1858-1864.	1.4	26
45	Learning to predict expression efficacy of vectors in recombinant protein production. BMC Bioinformatics, 2010, 11, S21.	2.6	26
46	Human Pancreatitis-associated Protein Forms Fibrillar Aggregates with a Native-like Conformation. Journal of Biological Chemistry, 2006, 281, 33566-33576.	3.4	25
47	Wobble Splicing Reveals the Role of the Branch Point Sequence-to-NAGNAG Region in 3â€² Tandem Splice Site Selection. Molecular and Cellular Biology, 2007, 27, 5835-5848.	2.3	24
48	Specific induction of the high-molecular-weight microtubule-associated protein 2 (hmw-MAP2) by betel quid extract in cultured oral keratinocytes: clinical implications in betel quid-associated oral squamous cell carcinoma (OSCC). Carcinogenesis, 2003, 25, 269-276.	2.8	23
49	A unified framework of overlapping genes: Towards the origination and endogenic regulation. Genomics, 2012, 100, 231-239.	2.9	23
50	Top-ranked expressed gene transcripts of human protein-coding genes investigated with GTEx dataset. Scientific Reports, 2020, 10, 16245.	3.3	21
51	Dang-Gui-Bu-Xai-Tang Modulated the Immunity of Tumor Bearing Mice. Immunopharmacology and Immunotoxicology, 2003, 25, 259-271.	2.4	20
52	Smoking-related microRNAs and mRNAs in human peripheral blood mononuclear cells. Toxicology and Applied Pharmacology, 2016, 305, 169-175.	2.8	20
53	Overlapping protein-coding genes in human genome and their coincidental expression in tissues. Scientific Reports, 2019, 9, 13377.	3.3	20
54	Protein-tyrosine kinase and protein-serine/threonine kinase expression in human gastric cancer cell lines. Journal of Biomedical Science, 1998, 5, 101-110.	7.0	19

#	Article	IF	Citations
55	Bioinformatic Interrogation of 5p-arm and 3p-arm Specific miRNA Expression Using TCGA Datasets. Journal of Clinical Medicine, 2015, 4, 1798-1814.	2.4	19
56	miR-TV: an interactive microRNA Target Viewer for microRNA and target gene expression interrogation for human cancer studies. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	19
57	Cytoskeleton network and cellular migration modulated by nuclear-localized receptor tyrosine kinase ROR1. Anticancer Research, 2011, 31, 4239-49.	1.1	19
58	Molecular analysis of the IL-2 receptor Î² chain gene expressed in human tumor cells. Oncogene, 1998, 16, 1309-1317.	5.9	18
59	Decreased protein kinase C activation mediates inhibitory effect of norathyriol on serotonin-mediated endothelial permeability. European Journal of Pharmacology, 1998, 353, 303-313.	3.5	18
60	Identification of lncRNA functions in lung cancer based on associated protein-protein interaction modules. Scientific Reports, 2016, 6, 35939.	3.3	18
61	Divergent Phosphotyrosine Signaling via FcÎ³RIIIA on Human NK Cells. Cellular Immunology, 1996, 167, 63-71.	3.0	17
62	Gastric cancer: prognostic and diagnostic advances. Expert Reviews in Molecular Medicine, 2002, 4, 1-12.	3.9	17
63	Tyrosine-kinase expression profiles in human gastric cancer cell lines and their modulations with retinoic acids. British Journal of Cancer, 2003, 88, 1058-1064.	6.4	17
64	2-Phenyl-4-quinolone prevents serotonin-induced increases in endothelial permeability to albumin. European Journal of Pharmacology, 1998, 354, 205-213.	3.5	16
65	Sequence features involved in the mechanism of 3' splice junction wobbling. BMC Molecular Biology, 2010, 11, 34.	3.0	16
66	Down-regulation of tensin2 enhances tumorigenicity and is associated with a variety of cancers. Oncotarget, 2016, 7, 38143-38153.	1.8	16
67	A Complexity Reduction Algorithm for Analysis and Annotation of Large Genomic Sequences. Genome Research, 2003, 13, 313-322.	5.5	15
68	Interrogation of microRNAs involved in gastric cancer using 5p-arm and 3p-arm annotated microRNAs. Anticancer Research, 2015, 35, 1345-52.	1.1	15
69	Complementation of two related tumour cell classes during experimental metastasis tagged with different histochemical marker genes. British Journal of Cancer, 1993, 67, 910-921.	6.4	13
70	Earliest Steps in Primary Tumor Formation and Micrometastasis Resolved with Histochemical Markers of Gene-tagged Tumor Cells. Journal of Histochemistry and Cytochemistry, 1998, 46, 557-567.	2.5	13
71	DODO: an efficient orthologous genes assignment tool based on domain architectures. Domain based ortholog detection. BMC Bioinformatics, 2010, 11, S6.	2.6	13
72	Interrogation of alternative splicing events in duplicated genes during evolution. BMC Genomics, 2011, 12, S16.	2.8	13

#	Article	IF	Citations
73	dbDNV: a resource of duplicated gene nucleotide variants in human genome. Nucleic Acids Research, 2011, 39, D920-D925.	14.5	13
74	Musashi-1 promotes stress-induced tumor progression through recruitment of AGO2. Theranostics, 2020, 10, 201-217.	10.0	13
75	PTPN3 and PTPN4 tyrosine phosphatase expression in human gastric adenocarcinoma. Anticancer Research, 2006, 26, 1643-9.	1.1	13
76	Identification of gene-oriented exon orthology between human and mouse. BMC Genomics, 2012, 13, S10.	2.8	12
77	Tyrosine kinase expression profiles of chicken erythro-progenitor cells and oncogene-transformed erythroblasts. Journal of Biomedical Science, 1998, 5, 93-100.	7.0	11
78	Tyrosine Kinase Expression Profiles of Chicken Erythro- Progenitor Cells and Oncogene- Transformed Erythroblasts. Journal of Biomedical Science, 1998, 5, 93-100.	7.0	10
79	Musashi-1 Regulates MIF1-Mediated M2 Macrophage Polarization in Promoting Glioblastoma Progression. Cancers, 2021, 13, 1799.	3.7	10
80	Arg tyrosine kinase expression in human gastric adenocarcinoma is associated with vessel invasion. Anticancer Research, 2003, 23, 205-10.	1.1	10
81	Meta-analytical biomarker search of EST expression data reveals three differentially expressed candidates. BMC Genomics, 2012, 13, S12.	2.8	9
82	Co-modulated behavior and effects of differentially expressed miRNA in colorectal cancer. BMC Genomics, 2013, 14, S12.	2.8	9
83	Tumor Progression, Micrometastasis, and Genetic Instability Tracked with Histochemical Marker Genes. Progress in Histochemistry and Cytochemistry, 1998, 33, XI-348.	5.1	8
84	An Efficient Strategy to Identify Early TPA-Responsive Genes During Differentiation of HL-60 Cells. Gene Expression, 2006, 13, 179-189.	1.2	8
85	Single amino-acid InDel variants generated by alternative tandem splice-donor and -acceptor selection. Biochemical and Biophysical Research Communications, 2006, 342, 197-205.	2.1	7
86	Gene-oriented ortholog database: a functional comparison platform for orthologous loci. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq002-baq002.	3.0	7
87	UMARS: Un-MAppable Reads Solution. BMC Bioinformatics, 2011, 12, S9.	2.6	7
88	Identification, chromosomal arrangements and expression analyses of the evolutionarily conserved prmt1 gene in chicken in comparison with its vertebrate paralogue prmt8. PLoS ONE, 2017, 12, e0185042.	2.5	7
89	Covariate-adjusted heatmaps for visualizing biological data via correlation decomposition. Bioinformatics, 2018, 34, 3529-3538.	4.1	7
90	Isolation and Identification of Novel Protein Kinase Genes from the Round-Spotted Pufferfish (Tetraodon fluviatilis) Genomic DNA. Journal of Biomedical Science, 1998, 5, 127-134.	7.0	6

#	Article	IF	Citations
91	MetaMirClust: Discovery and Exploration of Evolutionarily Conserved miRNA Clusters. Methods in Molecular Biology, 2015, 1375, 75-89.	0.9	6
92	Visual Display of 5p-arm and 3p-arm miRNA Expression with a Mobile Application. BioMed Research International, 2017, 2017, 1-7.	1.9	6
93	Tagged tumor cells reveal regulatory steps during earliest stages of tumor progression and micrometastasis. Histology and Histopathology, 1999, 14, 879-86.	0.7	6
94	Proliferation of hematopoietic cell lines induced by a soluble factor derived from human squamous cell carcinomas of the head and neck. Cancer Immunology, Immunotherapy, 1994, 39, 407-415.	4.2	5
95	Protein Tyrosine Kinase and Phosphatase Expression Profiling in Human Cancers. , 2003, 218, 113-126.		4
96	Designating eukaryotic orthology via processed transcription units. Nucleic Acids Research, 2008, 36, 3436-3442.	14.5	4
97	Identification of the human crooked neck gene by comparative gene identification. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1517, 449-454.	2.4	3
98	OMIT: Domain Ontology and Knowledge Acquisition in MicroRNA Target Prediction. Lecture Notes in Computer Science, 2010, , 1160-1167.	1.3	3
99	Letter to the Editor: 1H, 13C, and 15N resonance assignments and secondary structure of human pancreatitis-associated protein (hPAP). Journal of Biomolecular NMR, 2004, 30, 381-382.	2.8	2
100	Dominant transcript expression profiles of human protein-coding genes interrogated with GTEx dataset. Scientific Reports, 2022, 12, 6969.	3.3	2
101	In vitro and in vivo correlation of the effect of granulocytemacrophage colony-stimulating factor gene transfer on the tumorigenicity and immunogenicity of B16 melanoma. International Journal of Oncology, 1996, 9, 1267-76.	3.3	1
102	Isolation and identification of novel protein kinase genes from the round-spotted pufferfish(Tetraodon fluviatilis) genomic DNA. Journal of Biomedical Science, 1998, 5, 127-134.	7.0	0
103	Using genetic algorithms to detect interfacial cracks on the basis of the thermal resistance of multilayer materials. Russian Journal of Nondestructive Testing, 2007, 43, 474-483.	0.9	0
104	VIP DB â€" A viral protein domain usage and distribution database. Genomics, 2012, 100, 149-156.	2.9	0
105	Strategic Decoy Peptides Interfere with MSI1/AGO2 Interaction to Elicit Tumor Suppression Effects. Cancers, 2022, 14, 505.	3.7	0