

Wen-chang Lin

List of Publications by Year in descending order

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105
papers

4,014
citations

126907

33
h-index

133252

59
g-index

107
all docs

107
docs citations

107
times ranked

6023
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategic Decoy Peptides Interfere with MSI1/AGO2 Interaction to Elicit Tumor Suppression Effects. <i>Cancers</i> , 2022, 14, 505.	3.7	0
2	Dominant transcript expression profiles of human protein-coding genes interrogated with GTEx dataset. <i>Scientific Reports</i> , 2022, 12, 6969.	3.3	2
3	Musashi-1 Regulates MIF1-Mediated M2 Macrophage Polarization in Promoting Glioblastoma Progression. <i>Cancers</i> , 2021, 13, 1799.	3.7	10
4	Musashi-1 promotes stress-induced tumor progression through recruitment of AGO2. <i>Theranostics</i> , 2020, 10, 201-217.	10.0	13
5	Top-ranked expressed gene transcripts of human protein-coding genes investigated with GTEx dataset. <i>Scientific Reports</i> , 2020, 10, 16245.	3.3	21
6	miR-TV: an interactive microRNA Target Viewer for microRNA and target gene expression interrogation for human cancer studies. <i>Database: the Journal of Biological Databases and Curation</i> , 2020, 2020, .	3.0	19
7	MicroRNA let-7-TGFBR3 signalling regulates cardiomyocyte apoptosis after infarction. <i>EBioMedicine</i> , 2019, 46, 236-247.	6.1	30
8	Overlapping protein-coding genes in human genome and their coincidental expression in tissues. <i>Scientific Reports</i> , 2019, 9, 13377.	3.3	20
9	Childhood asthma clusters reveal neutrophilâ€predominant phenotype with distinct gene expression. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2024-2032.	5.7	41
10	Covariate-adjusted heatmaps for visualizing biological data via correlation decomposition. <i>Bioinformatics</i> , 2018, 34, 3529-3538.	4.1	7
11	A Comprehensive Analysis of Transcript-Supported De Novo Genes in <i>Saccharomyces sensu stricto</i> Yeasts. <i>Molecular Biology and Evolution</i> , 2017, 34, 2823-2838.	8.9	28
12	Identification, chromosomal arrangements and expression analyses of the evolutionarily conserved prmt1 gene in chicken in comparison with its vertebrate paralogue prmt8. <i>PLoS ONE</i> , 2017, 12, e0185042.	2.5	7
13	Visual Display of 5p-arm and 3p-arm miRNA Expression with a Mobile Application. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	6
14	Urine miR-21-5p as a potential non-invasive biomarker for gastric cancer. <i>Oncotarget</i> , 2017, 8, 56389-56397.	1.8	55
15	Clinical significance of circulating plasma DNA in gastric cancer. <i>International Journal of Cancer</i> , 2016, 138, 2974-2983.	5.1	68
16	Identification of lncRNA functions in lung cancer based on associated protein-protein interaction modules. <i>Scientific Reports</i> , 2016, 6, 35939.	3.3	18
17	Smoking-related microRNAs and mRNAs in human peripheral blood mononuclear cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 169-175.	2.8	20
18	Mutations in PI3K/AKT pathway genes and amplifications of <i>PIK3CA</i> are associated with patterns of recurrence in gastric cancers. <i>Oncotarget</i> , 2016, 7, 6201-6220.	1.8	61

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19	Down-regulation of tensin2 enhances tumorigenicity and is associated with a variety of cancers. <i>Oncotarget</i> , 2016, 7, 38143-38153.	1.8	16
20	Bioinformatic Interrogation of 5p-arm and 3p-arm Specific miRNA Expression Using TCGA Datasets. <i>Journal of Clinical Medicine</i> , 2015, 4, 1798-1814.	2.4	19
21	MetaMirClust: Discovery and Exploration of Evolutionarily Conserved miRNA Clusters. <i>Methods in Molecular Biology</i> , 2015, 1375, 75-89.	0.9	6
22	Interrogation of microRNAs involved in gastric cancer using 5p-arm and 3p-arm annotated microRNAs. <i>Anticancer Research</i> , 2015, 35, 1345-52.	1.1	15
23	Advances in molecular biomarkers for gastric cancer: miRNAs as emerging novel cancer markers. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e1.	3.9	153
24	Co-modulated behavior and effects of differentially expressed miRNA in colorectal cancer. <i>BMC Genomics</i> , 2013, 14, S12.	2.8	9
25	Transcriptional regulation of miR-196b by ETS2 in gastric cancer cells. <i>Carcinogenesis</i> , 2012, 33, 760-769.	2.8	58
26	MetaMirClust: Discovery of miRNA cluster patterns using a data-mining approach. <i>Genomics</i> , 2012, 100, 141-148.	2.9	40
27	VIP DB – A viral protein domain usage and distribution database. <i>Genomics</i> , 2012, 100, 149-156.	2.9	0
28	A unified framework of overlapping genes: Towards the origination and endogenic regulation. <i>Genomics</i> , 2012, 100, 231-239.	2.9	23
29	Meta-analytical biomarker search of EST expression data reveals three differentially expressed candidates. <i>BMC Genomics</i> , 2012, 13, S12.	2.8	9
30	Identification of gene-oriented exon orthology between human and mouse. <i>BMC Genomics</i> , 2012, 13, S10.	2.8	12
31	miRNA arm selection and isomiR distribution in gastric cancer. <i>BMC Genomics</i> , 2012, 13, S13.	2.8	125
32	Aberrant expression of miR-196a in gastric cancers and correlation with recurrence. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 394-401.	2.8	69
33	Interrogation of rabbit miRNAs and their isomiRs. <i>Genomics</i> , 2011, 98, 453-459.	2.9	36
34	UMARS: Un-MAppable Reads Solution. <i>BMC Bioinformatics</i> , 2011, 12, S9.	2.6	7
35	Interrogation of alternative splicing events in duplicated genes during evolution. <i>BMC Genomics</i> , 2011, 12, S16.	2.8	13
36	Epigenetic regulation of miR-34b and miR-129 expression in gastric cancer. <i>International Journal of Cancer</i> , 2011, 129, 2600-2610.	5.1	174

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37	Aberrant hypermethylation of miR-9 genes in gastric cancer. <i>Epigenetics</i> , 2011, 6, 1189-1197.	2.7	112
38	dbDNV: a resource of duplicated gene nucleotide variants in human genome. <i>Nucleic Acids Research</i> , 2011, 39, D920-D925.	14.5	13
39	Cytoskeleton network and cellular migration modulated by nuclear-localized receptor tyrosine kinase ROR1. <i>Anticancer Research</i> , 2011, 31, 4239-49.	1.1	19
40	Learning to predict expression efficacy of vectors in recombinant protein production. <i>BMC Bioinformatics</i> , 2010, 11, S21.	2.6	26
41	DODO: an efficient orthologous genes assignment tool based on domain architectures. Domain based ortholog detection. <i>BMC Bioinformatics</i> , 2010, 11, S6.	2.6	13
42	Discovery and characterization of medaka miRNA genes by next generation sequencing platform. <i>BMC Genomics</i> , 2010, 11, S8.	2.8	68
43	Epigenetic regulation of miR-196b expression in gastric cancer. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 969-980.	2.8	96
44	Nuclear localization of orphan receptor protein kinase (Ror1) is mediated through the juxtamembrane domain. <i>BMC Cell Biology</i> , 2010, 11, 48.	3.0	27
45	Sequence features involved in the mechanism of 3' splice junction wobbling. <i>BMC Molecular Biology</i> , 2010, 11, 34.	3.0	16
46	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
47	Human RegIV Protein Adopts a Typical C-Type Lectin Fold but Binds Mannan with Two Calcium-Independent Sites. <i>Journal of Molecular Biology</i> , 2010, 402, 682-695.	4.2	34
48	Identification of homologous microRNAs in 56 animal genomes. <i>Genomics</i> , 2010, 96, 1-9.	2.9	115
49	OMIT: Domain Ontology and Knowledge Acquisition in MicroRNA Target Prediction. <i>Lecture Notes in Computer Science</i> , 2010, , 1160-1167.	1.3	3
50	Epigenetic control of the expression of a primate-specific microRNA cluster in human cancer cells. <i>Epigenetics</i> , 2009, 4, 587-592.	2.7	111
51	Identification of microRNA in the protist <i>Trichomonas vaginalis</i> . <i>Genomics</i> , 2009, 93, 487-493.	2.9	61
52	Two wobble-splicing events affect ING4 protein subnuclear localization and degradation. <i>Experimental Cell Research</i> , 2008, 314, 3130-3141.	2.6	42
53	Designating eukaryotic orthology via processed transcription units. <i>Nucleic Acids Research</i> , 2008, 36, 3436-3442.	14.5	4
54	The Silkworm (<i>Bombyx mori</i>) microRNAs and Their Expressions in Multiple Developmental Stages. <i>PLoS ONE</i> , 2008, 3, e2997.	2.5	130

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55	miR-21 microRNA expression in human gastric carcinomas and its clinical association. <i>Anticancer Research</i> , 2008, 28, 907-11.	1.1	166
56	Vir-Mir db: prediction of viral microRNA candidate hairpins. <i>Nucleic Acids Research</i> , 2007, 36, D184-D189.	14.5	87
57	Wobble Splicing Reveals the Role of the Branch Point Sequence-to-NAGNAG Region in 3' Tandem Splice Site Selection. <i>Molecular and Cellular Biology</i> , 2007, 27, 5835-5848.	2.3	24
58	Intronic MicroRNA: Discovery and Biological Implications. <i>DNA and Cell Biology</i> , 2007, 26, 195-207.	1.9	110
59	Using genetic algorithms to detect interfacial cracks on the basis of the thermal resistance of multilayer materials. <i>Russian Journal of Nondestructive Testing</i> , 2007, 43, 474-483.	0.9	0
60	Single amino-acid InDel variants generated by alternative tandem splice-donor and -acceptor selection. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 197-205.	2.1	7
61	Protein tyrosine-phosphatase expression profiling in gastric cancer tissues. <i>Cancer Letters</i> , 2006, 242, 95-103.	7.2	46
62	Quantitative analysis of wobble splicing indicates that it is not tissue specific. <i>Genomics</i> , 2006, 88, 855-864.	2.9	27
63	An Efficient Strategy to Identify Early TPA-Responsive Genes During Differentiation of HL-60 Cells. <i>Gene Expression</i> , 2006, 13, 179-189.	1.2	8
64	Bioinformatic discovery of microRNA precursors from human ESTs and introns. <i>BMC Genomics</i> , 2006, 7, 164.	2.8	52
65	Human Pancreatitis-associated Protein Forms Fibrillar Aggregates with a Native-like Conformation. <i>Journal of Biological Chemistry</i> , 2006, 281, 33566-33576.	3.4	25
66	PTPN3 and PTPN4 tyrosine phosphatase expression in human gastric adenocarcinoma. <i>Anticancer Research</i> , 2006, 26, 1643-9.	1.1	13
67	Letter to the Editor: 1H, 13C, and 15N resonance assignments and secondary structure of human pancreatitis-associated protein (hPAP). <i>Journal of Biomolecular NMR</i> , 2004, 30, 381-382.	2.8	2
68	Protein Tyrosine Kinase and Phosphatase Expression Profiling in Human Cancers. , 2003, 218, 113-126.		4
69	A Complexity Reduction Algorithm for Analysis and Annotation of Large Genomic Sequences. <i>Genome Research</i> , 2003, 13, 313-322.	5.5	15
70	Tyrosine-kinase expression profiles in human gastric cancer cell lines and their modulations with retinoic acids. <i>British Journal of Cancer</i> , 2003, 88, 1058-1064.	6.4	17
71	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). <i>Carcinogenesis</i> , 2003, 25, 269-276.	2.8	23
72	Dang-Gui-Bu-Xai-Tang Modulated the Immunity of Tumor Bearing Mice. <i>Immunopharmacology and Immunotoxicology</i> , 2003, 25, 259-271.	2.4	20

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73	Arg tyrosine kinase expression in human gastric adenocarcinoma is associated with vessel invasion. <i>Anticancer Research</i> , 2003, 23, 205-10.	1.1	10
74	Gastric cancer: prognostic and diagnostic advances. <i>Expert Reviews in Molecular Medicine</i> , 2002, 4, 1-12.	3.9	17
75	Clinical significance of AXL kinase family in gastric cancer. <i>Anticancer Research</i> , 2002, 22, 1071-8.	1.1	85
76	Induction of Tie-1 and Tie-2 Receptor Protein Expression after Cerebral Ischemia Reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 690-701.	4.3	54
77	Identification of the human crooked neck gene by comparative gene identification. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1517, 449-454.	2.4	3
78	Tyrosine kinases and gastric cancer. <i>Oncogene</i> , 2000, 19, 5680-5689.	5.9	65
79	Identification of Novel Human Genes Evolutionarily Conserved in <i>Caenorhabditis elegans</i> by Comparative Proteomics. <i>Genome Research</i> , 2000, 10, 703-713.	5.5	375
80	Human Gastric Cancer Kinase Profile and Prognostic Significance of MKK4 Kinase. <i>American Journal of Pathology</i> , 2000, 156, 2007-2015.	3.8	39
81	Comparative tyrosine-kinase profiles in colorectal cancers: Enhanced arg expression in carcinoma as compared with adenoma and normal mucosa. , 1999, 83, 579-584.		68
82	Identification and Gene Structure of a Novel Human PLZF-Related Transcription Factor Gene, TZFP. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 789-795.	2.1	28
83	Tagged tumor cells reveal regulatory steps during earliest stages of tumor progression and micrometastasis. <i>Histology and Histopathology</i> , 1999, 14, 879-86.	0.7	6
84	Molecular analysis of the IL-2 receptor β chain gene expressed in human tumor cells. <i>Oncogene</i> , 1998, 16, 1309-1317.	5.9	18
85	Decreased protein kinase C activation mediates inhibitory effect of norathyriol on serotonin-mediated endothelial permeability. <i>European Journal of Pharmacology</i> , 1998, 353, 303-313.	3.5	18
86	2-Phenyl-4-quinolone prevents serotonin-induced increases in endothelial permeability to albumin. <i>European Journal of Pharmacology</i> , 1998, 354, 205-213.	3.5	16
87	Tyrosine kinase expression profiles of chicken erythro-progenitor cells and oncogene-transformed erythroblasts. <i>Journal of Biomedical Science</i> , 1998, 5, 93-100.	7.0	11
88	Protein-tyrosine kinase and protein-serine/threonine kinase expression in human gastric cancer cell lines. <i>Journal of Biomedical Science</i> , 1998, 5, 101-110.	7.0	19
89	Isolation and identification of novel protein kinase genes from the round-spotted pufferfish (<i>Tetraodon fluviatilis</i>) genomic DNA. <i>Journal of Biomedical Science</i> , 1998, 5, 127-134.	7.0	0
90	Tumor Progression, Micrometastasis, and Genetic Instability Tracked with Histochemical Marker Genes. <i>Progress in Histochemistry and Cytochemistry</i> , 1998, 33, XI-348.	5.1	8

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91	S- and G2-phase Cell Cycle Arrests and Apoptosis Induced by Ganciclovir in Murine Melanoma Cells Transduced with Herpes Simplex Virus Thymidine Kinase. <i>Experimental Cell Research</i> , 1998, 241, 66-75.	2.6	82
92	Isolation and Identification of Novel Protein Kinase Genes from the Round-Spotted Pufferfish (<i>Tetraodon fluviatilis</i>) Genomic DNA. <i>Journal of Biomedical Science</i> , 1998, 5, 127-134.	7.0	6
93	Tyrosine Kinase Expression Profiles of Chicken Erythro- Progenitor Cells and Oncogene- Transformed Erythroblasts. <i>Journal of Biomedical Science</i> , 1998, 5, 93-100.	7.0	10
94	Earliest Steps in Primary Tumor Formation and Micrometastasis Resolved with Histochemical Markers of Gene-tagged Tumor Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 557-567.	2.5	13
95	Restoration of the Immunocompetence by IL-2 Activation and TCR-CD3 Engagement of the In Vivo Anergized Tumor-Specific CTL from Lung Cancer Patients. <i>Journal of Immunotherapy</i> , 1997, 20, 354-364.	2.4	33
96	Possible effect of pneumoperitoneum on the spreading of colon cancer tumor cells. <i>Diseases of the Colon and Rectum</i> , 1997, 40, 791-797.	1.3	28
97	Microsatellite instability in sporadic-colon-cancer patients with and without liver metastases. , 1997, 74, 470-474.		37
98	Divergent Phosphotyrosine Signaling via Fc γ 3RIIIA on Human NK Cells. <i>Cellular Immunology</i> , 1996, 167, 63-71.	3.0	17
99	Phosgene formation from the decomposition of 1,1-C2H2Cl2 contained gas in an RF plasma reactor. <i>Journal of Hazardous Materials</i> , 1996, 48, 51-67.	12.4	29
100	In vitro and in vivo correlation of the effect of granulocytemacrophage colony-stimulating factor gene transfer on the tumorigenicity and immunogenicity of B16 melanoma. <i>International Journal of Oncology</i> , 1996, 9, 1267-76.	3.3	1
101	Induction of protein tyrosine phosphorylation in human natural killer cells by triggering via alpha 4 beta 1 or alpha 5 beta 1 integrins. <i>Blood</i> , 1995, 85, 1858-1864.	1.4	26
102	Proliferation of hematopoietic cell lines induced by a soluble factor derived from human squamous cell carcinomas of the head and neck. <i>Cancer Immunology, Immunotherapy</i> , 1994, 39, 407-415.	4.2	5
103	Expression of interleukin 2 receptors on human carcinoma cell lines and tumor growth inhibition by interleukin 2. <i>International Journal of Cancer</i> , 1994, 59, 225-234.	5.1	65
104	Complementation of two related tumour cell classes during experimental metastasis tagged with different histochemical marker genes. <i>British Journal of Cancer</i> , 1993, 67, 910-921.	6.4	13
105	Development of Micrometastases: Earliest Events Detected With Bacterial lacZ Gene-Tagged Tumor Cells. <i>Journal of the National Cancer Institute</i> , 1990, 82, 1497-1503.	6.3	43