

Chun-houh Chen

List of Publications by Year in descending order

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Version: 2024-02-01

66

papers

3,641

citations

186265

28

h-index

138484

58

g-index

71

all docs

71

docs citations

71

times ranked

6148

citing authors

#	ARTICLE	IF	CITATIONS
1	A Five-Gene Signature and Clinical Outcome in Non-Small-Cell Lung Cancer. <i>New England Journal of Medicine</i> , 2007, 356, 11-20.	27.0	877
2	Tumor-Associated Macrophages: The Double-Edged Sword in Cancer Progression. <i>Journal of Clinical Oncology</i> , 2005, 23, 953-964.	1.6	328
3	Single-Walled Carbon Nanotubes Can Induce Pulmonary Injury in Mouse Model. <i>Nano Letters</i> , 2008, 8, 437-445.	9.1	272
4	MicroRNA Expression Aberration as Potential Peripheral Blood Biomarkers for Schizophrenia. <i>PLoS ONE</i> , 2011, 6, e21635.	2.5	200
5	Optimization of probe length and the number of probes per gene for optimal microarray analysis of gene expression. <i>Nucleic Acids Research</i> , 2004, 32, e99-e99.	14.5	181
6	Handbook of Data Visualization. , 2008, , .		152
7	GAP: A graphical environment for matrix visualization and cluster analysis. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 767-778.	1.2	86
8	Anti-diabetic properties of three common <i>Bidens pilosa</i> variants in Taiwan. <i>Phytochemistry</i> , 2009, 70, 1246-1254.	2.9	71
9	Analysis of genomic distributions of SARS-CoV-2 reveals a dominant strain type with strong allelic associations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30679-30686.	7.1	69
10	A Single Nucleotide Polymorphism Fine Mapping Study of Chromosome 1q42.1 Reveals the Vulnerability Genes for Schizophrenia, GNPAT and DISC1: Association with Impairment of Sustained Attention. <i>Biological Psychiatry</i> , 2006, 60, 554-562.	1.3	64
11	Dimension reduction for censored regression data. <i>Annals of Statistics</i> , 1999, 27, .	2.6	62
12	High seroprevalence of Borna virus infection in schizophrenic patients, family members and mental health workers in Taiwan. <i>Molecular Psychiatry</i> , 1999, 4, 33-38.	7.9	61
13	Decision threshold adjustment in class prediction. <i>SAR and QSAR in Environmental Research</i> , 2006, 17, 337-352.	2.2	58
14	Human Kallikrein 8 Protease Confers a Favorable Clinical Outcome in Non-Small Cell Lung Cancer by Suppressing Tumor Cell Invasiveness. <i>Cancer Research</i> , 2006, 66, 11763-11770.	0.9	58
15	<i>Morus alba</i> and active compound oxyresveratrol exert anti-inflammatory activity via inhibition of leukocyte migration involving MEK/ERK signaling. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 45.	3.7	58
16	Comparative metabolomics approach coupled with cell- and gene-based assays for species classification and anti-inflammatory bioactivity validation of <i>Echinacea</i> plants. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 1045-1059.	4.2	57
17	Increased gene expression of FOXP1 in patients with autism spectrum disorders. <i>Molecular Autism</i> , 2013, 4, 23.	4.9	53
18	RASD2, MYH9, and CACNG2 Genes at Chromosome 22q12 Associated with the Subgroup of Schizophrenia with Non-Deficit in Sustained Attention and Executive Function. <i>Biological Psychiatry</i> , 2008, 64, 789-796.	1.3	51

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19	Design of microarray probes for virus identification and detection of emerging viruses at the genus level. BMC Bioinformatics, 2006, 7, 232.	2.6	46
20	Genomics and proteomics of immune modulatory effects of a butanol fraction of echinacea purpurea in human dendritic cells. BMC Genomics, 2008, 9, 479.	2.8	46
21	Evaluation of Pulsed-Field Gel Electrophoresis Profiles for Identification of <i>Salmonella</i> Serotypes. Journal of Clinical Microbiology, 2010, 48, 3122-3126.	3.9	46
22	Interactive Tree-Structured Regression via Principal Hessian Directions. Journal of the American Statistical Association, 2000, 95, 547-560.	3.1	45
23	Symptom patterns and subgrouping of schizophrenic patients: significance of negative symptoms assessed on admission. Schizophrenia Research, 2002, 56, 105-119.	2.0	44
24	Mixed Sequence Reader: A Program for Analyzing DNA Sequences with Heterozygous Base Calling. Scientific World Journal, The, 2012, 2012, 1-10.	2.1	44
25	Molecular signature of clinical severity in recovering patients with severe acute respiratory syndrome coronavirus (SARS-CoV). BMC Genomics, 2005, 6, 132.	2.8	34
26	Clustering by neurocognition for fine mapping of the schizophrenia susceptibility loci on chromosome 6p. Genes, Brain and Behavior, 2009, 8, 785-794.	2.2	34
27	Multi-class clustering and prediction in the analysis of microarray data. Mathematical Biosciences, 2005, 193, 79-100.	1.9	32
28	Symptom patterns and phenotypic subgrouping of women with polycystic ovary syndrome: association between endocrine characteristics and metabolic aberrations. Human Reproduction, 2015, 30, 937-946.	0.9	32
29	Analysis of Protein-Protein Interactions in Cross-talk Pathways Reveals CRKL Protein as a Novel Prognostic Marker in Hepatocellular Carcinoma. Molecular and Cellular Proteomics, 2013, 12, 1335-1349.	3.8	30
30	Using endophenotypes for pathway clusters to map complex disease genes. Genetic Epidemiology, 2006, 30, 143-154.	1.3	29
31	Gene selection with multiple ordering criteria. BMC Bioinformatics, 2007, 8, 74.	2.6	29
32	Gene Selection for Sample Classifications in Microarray Experiments. DNA and Cell Biology, 2004, 23, 607-614.	1.9	28
33	Methods for simultaneously identifying coherent local clusters with smooth global patterns in gene expression profiles. BMC Bioinformatics, 2008, 9, 155.	2.6	27
34	Development of a brief self-report questionnaire for screening putative pre-psychotic states. Schizophrenia Research, 2013, 143, 32-37.	2.0	25
35	Using an in Situ Proximity Ligation Assay to Systematically Profile Endogenous Protein-Protein Interactions in a Pathway Network. Journal of Proteome Research, 2014, 13, 5339-5346.	3.7	24
36	Factors Related to Perceived Needs of Primary Caregivers of Patients with Schizophrenia. Journal of the Formosan Medical Association, 2008, 107, 644-652.	1.7	22

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37	Genetic association study of a polymorphic CAG repeats array of calcium-activated potassium channel (KCNN3) gene and schizophrenia among the Chinese population from Taiwan. <i>Molecular Psychiatry</i> , 1999, 4, 271-273.	7.9	21
38	Gene Expression Profiling and Pathway Network Analysis Predicts a Novel Antitumor Function for a Botanical-Derived Drug, PG2. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-15.	1.2	20
39	Exploratory data analysis of interval-valued symbolic data with matrix visualization. <i>Computational Statistics and Data Analysis</i> , 2014, 79, 14-29.	1.2	18
40	The DAO Gene Is Associated with Schizophrenia and Interacts with Other Genes in the Taiwan Han Chinese Population. <i>PLoS ONE</i> , 2013, 8, e60099.	2.5	14
41	Matrix Visualization and Information Mining. , 2004, , 85-100.		14
42	Psychopathological dimensions in schizophrenia: a correlational approach to items of the SANS and SAPS. <i>Psychiatry Research</i> , 1998, 77, 121-130.	3.3	13
43	A method for analyzing censored survival phenotype with gene expression data. <i>BMC Bioinformatics</i> , 2008, 9, 417.	2.6	13
44	LOHAS: loss of heterozygosity analysis suite. <i>Genetic Epidemiology</i> , 2011, 35, 247-260.	1.3	13
45	dbDNV: a resource of duplicated gene nucleotide variants in human genome. <i>Nucleic Acids Research</i> , 2011, 39, D920-D925.	14.5	13
46	Microarray labeling extension values: laboratory signatures for Affymetrix GeneChips. <i>Nucleic Acids Research</i> , 2009, 37, e61-e61.	14.5	11
47	Analysis of human meiotic recombination events with a parent-sibling tracing approach. <i>BMC Genomics</i> , 2011, 12, 434.	2.8	11
48	Integrative analysis of single nucleotide polymorphisms and gene expression efficiently distinguishes samples from closely related ethnic populations. <i>BMC Genomics</i> , 2012, 13, 346.	2.8	10
49	Preservation of Ranking Order in the Expression of Human Housekeeping Genes. <i>PLoS ONE</i> , 2011, 6, e29314.	2.5	10
50	CGcgh: a tool for molecular karyotyping using DNA microarray-based comparative genomic hybridization (array-CGH). <i>Journal of Biomedical Science</i> , 2008, 15, 687-696.	7.0	9
51	Gene-oriented ortholog database: a functional comparison platform for orthologous loci. <i>Database: the Journal of Biological Databases and Curation</i> , 2010, 2010, baq002-baq002.	3.0	7
52	Covariate-adjusted heatmaps for visualizing biological data via correlation decomposition. <i>Bioinformatics</i> , 2018, 34, 3529-3538.	4.1	7
53	Interactive Tree-Structured Regression via Principal Hessian Directions. <i>Journal of the American Statistical Association</i> , 2000, 95, 547.	3.1	7
54	SAQC: SNP Array Quality Control. <i>BMC Bioinformatics</i> , 2011, 12, 100.	2.6	5

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55	Using an Event-History with Risk-Free Model to Study the Genetics of Alcoholism. Scientific Reports, 2017, 7, 1975.	3.3	5
56	Designating eukaryotic orthology via processed transcription units. Nucleic Acids Research, 2008, 36, 3436-3442.	14.5	4
57	Brain responses of explicit and implicit memory: an event-related potential study. NeuroReport, 2006, 17, 1483-1486.	1.2	3
58	Recursive Feature Selection with Significant Variables of Support Vectors. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-12.	1.3	3
59	Medium-term course and outcome of schizophrenia depicted by the sixth-month subtype after an acute episode. Journal of the Formosan Medical Association, 2012, 111, 265-274.	1.7	3
60	Differential network biology reveals a positive correlation between a novel protein-protein interaction and cancer cells migration. , 2013, 2013, 2700-3.		2
61	A three-way classification strategy for reducing class-abundance: the zip code recognition example. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 2004, , 63-86.	1.0	2
62	Relativity and Resolution for High Dimensional Information Visualization with Generalized Association Plots (GAP). , 2002, , 55-66.		2
63	Selection of Proximity Measures for Matrix Visualization of Binary Data. , 2009, , .		1
64	Selected topics in statistical computing. Encyclopedia With Semantic Computing and Robotic Intelligence, 2017, 01, 1630013.	0.2	1
65	Microarray Gene Expression. , 2010, , 780-794.		1
66	Microarray Gene Expression. , 2012, , 780-794.		0