

# Chun-houh Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

3,641  
citations

185998

28  
h-index

138251

58  
g-index

71  
all docs

71  
docs citations

71  
times ranked

6148  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of genomic distributions of SARS-CoV-2 reveals a dominant strain type with strong allelic associations. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30679-30686.	3.3	69
2	Covariate-adjusted heatmaps for visualizing biological data via correlation decomposition. Bioinformatics, 2018, 34, 3529-3538.	1.8	7
3	Selected topics in statistical computing. Encyclopedia With Semantic Computing and Robotic Intelligence, 2017, 01, 1630013.	0.2	1
4	Using an Event-History with Risk-Free Model to Study the Genetics of Alcoholism. Scientific Reports, 2017, 7, 1975.	1.6	5
5	Gene Expression Profiling and Pathway Network Analysis Predicts a Novel Antitumor Function for a Botanical-Derived Drug, PG2. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-15.	0.5	20
6	Symptom patterns and phenotypic subgrouping of women with polycystic ovary syndrome: association between endocrine characteristics and metabolic aberrations. Human Reproduction, 2015, 30, 937-946.	0.4	32
7	Exploratory data analysis of interval-valued symbolic data with matrix visualization. Computational Statistics and Data Analysis, 2014, 79, 14-29.	0.7	18
8	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.	1.8	24
9	Increased gene expression of FOXP1 in patients with autism spectrum disorders. Molecular Autism, 2013, 4, 23.	2.6	53
10	Morus alba and active compound oxyresveratrol exert anti-inflammatory activity via inhibition of leukocyte migration involving MEK/ERK signaling. BMC Complementary and Alternative Medicine, 2013, 13, 45.	3.7	58
11	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.	2.5	30
12	Development of a brief self-report questionnaire for screening putative pre-psychotic states. Schizophrenia Research, 2013, 143, 32-37.	1.1	25
13	The DAO Gene Is Associated with Schizophrenia and Interacts with Other Genes in the Taiwan Han Chinese Population. PLoS ONE, 2013, 8, e60099.	1.1	14
14	Differential network biology reveals a positive correlation between a novel protein-protein interaction and cancer cells migration. , 2013, 2013, 2700-3.		2
15	Recursive Feature Selection with Significant Variables of Support Vectors. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-12.	0.7	3
16	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.	0.8	3
17	Integrative analysis of single nucleotide polymorphisms and gene expression efficiently distinguishes samples from closely related ethnic populations. BMC Genomics, 2012, 13, 346.	1.2	10
18	Mixed Sequence Reader: A Program for Analyzing DNA Sequences with Heterozygous Base Calling. Scientific World Journal, The, 2012, 2012, 1-10.	0.8	44

#	ARTICLE	IF	CITATIONS
19	Microarray Gene Expression. , 2012, , 780-794.		0
20	SAQC: SNP Array Quality Control. BMC Bioinformatics, 2011, 12, 100.	1.2	5
21	Analysis of human meiotic recombination events with a parent-sibling tracing approach. BMC Genomics, 2011, 12, 434.	1.2	11
22	LOHAS: loss of heterozygosity analysis suite. Genetic Epidemiology, 2011, 35, 247-260.	0.6	13
23	dbDNV: a resource of duplicated gene nucleotide variants in human genome. Nucleic Acids Research, 2011, 39, D920-D925.	6.5	13
24	MicroRNA Expression Aberration as Potential Peripheral Blood Biomarkers for Schizophrenia. PLoS ONE, 2011, 6, e21635.	1.1	200
25	Preservation of Ranking Order in the Expression of Human Housekeeping Genes. PLoS ONE, 2011, 6, e29314.	1.1	10
26	Comparative metabolomics approach coupled with cell- and gene-based assays for species classification and anti-inflammatory bioactivity validation of Echinacea plants. Journal of Nutritional Biochemistry, 2010, 21, 1045-1059.	1.9	57
27	GAP: A graphical environment for matrix visualization and cluster analysis. Computational Statistics and Data Analysis, 2010, 54, 767-778.	0.7	86
28	Evaluation of Pulsed-Field Gel Electrophoresis Profiles for Identification of <i>Salmonella</i> Serotypes. Journal of Clinical Microbiology, 2010, 48, 3122-3126.	1.8	46
29	Gene-oriented ortholog database: a functional comparison platform for orthologous loci. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq002-baq002.	1.4	7
30	Microarray Gene Expression. , 2010, , 780-794.		1
31	Selection of Proximity Measures for Matrix Visualization of Binary Data. , 2009, , .		1
32	Microarray labeling extension values: laboratory signatures for Affymetrix GeneChips. Nucleic Acids Research, 2009, 37, e61-e61.	6.5	11
33	Clustering by neurocognition for fine mapping of the schizophrenia susceptibility loci on chromosome 6p. Genes, Brain and Behavior, 2009, 8, 785-794.	1.1	34
34	Anti-diabetic properties of three common <i>Bidens pilosa</i> variants in Taiwan. Phytochemistry, 2009, 70, 1246-1254.	1.4	71
35	CGcgh: a tool for molecular karyotyping using DNA microarray-based comparative genomic hybridization (array-CGH). Journal of Biomedical Science, 2008, 15, 687-696.	2.6	9
36	Methods for simultaneously identifying coherent local clusters with smooth global patterns in gene expression profiles. BMC Bioinformatics, 2008, 9, 155.	1.2	27

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37	A method for analyzing censored survival phenotype with gene expression data. BMC Bioinformatics, 2008, 9, 417.	1.2	13
38	Genomics and proteomics of immune modulatory effects of a butanol fraction of echinacea purpurea in human dendritic cells. BMC Genomics, 2008, 9, 479.	1.2	46
39	RASD2, MYH9, and CACNG2 Genes at Chromosome 22q12 Associated with the Subgroup of Schizophrenia with Non-Deficit in Sustained Attention and Executive Function. Biological Psychiatry, 2008, 64, 789-796.	0.7	51
40	Handbook of Data Visualization. , 2008, , .		152
41	Single-Walled Carbon Nanotubes Can Induce Pulmonary Injury in Mouse Model. Nano Letters, 2008, 8, 437-445.	4.5	272
42	Factors Related to Perceived Needs of Primary Caregivers of Patients with Schizophrenia. Journal of the Formosan Medical Association, 2008, 107, 644-652.	0.8	22
43	Designating eukaryotic orthology via processed transcription units. Nucleic Acids Research, 2008, 36, 3436-3442.	6.5	4
44	A Five-Gene Signature and Clinical Outcome in Non-Small-Cell Lung Cancer. New England Journal of Medicine, 2007, 356, 11-20.	13.9	877
45	Gene selection with multiple ordering criteria. BMC Bioinformatics, 2007, 8, 74.	1.2	29
46	Decision threshold adjustment in class prediction. SAR and QSAR in Environmental Research, 2006, 17, 337-352.	1.0	58
47	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. Biological Psychiatry, 2006, 60, 554-562.	0.7	64
48	Brain responses of explicit and implicit memory: an event-related potential study. NeuroReport, 2006, 17, 1483-1486.	0.6	3
49	Design of microarray probes for virus identification and detection of emerging viruses at the genus level. BMC Bioinformatics, 2006, 7, 232.	1.2	46
50	Using endophenotypes for pathway clusters to map complex disease genes. Genetic Epidemiology, 2006, 30, 143-154.	0.6	29
51	Human Kallikrein 8 Protease Confers a Favorable Clinical Outcome in Non-Small Cell Lung Cancer by Suppressing Tumor Cell Invasiveness. Cancer Research, 2006, 66, 11763-11770.	0.4	58
52	Molecular signature of clinical severity in recovering patients with severe acute respiratory syndrome coronavirus (SARS-CoV). BMC Genomics, 2005, 6, 132.	1.2	34
53	Tumor-Associated Macrophages: The Double-Edged Sword in Cancer Progression. Journal of Clinical Oncology, 2005, 23, 953-964.	0.8	328
54	Multi-class clustering and prediction in the analysis of microarray data. Mathematical Biosciences, 2005, 193, 79-100.	0.9	32

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55	Gene Selection for Sample Classifications in Microarray Experiments. DNA and Cell Biology, 2004, 23, 607-614.	0.9	28
56	Optimization of probe length and the number of probes per gene for optimal microarray analysis of gene expression. Nucleic Acids Research, 2004, 32, e99-e99.	6.5	181
57	Matrix Visualization and Information Mining. , 2004, , 85-100.		14
58	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
59	Symptom patterns and subgrouping of schizophrenic patients: significance of negative symptoms assessed on admission. Schizophrenia Research, 2002, 56, 105-119.	1.1	44
60	Relativity and Resolution for High Dimensional Information Visualization with Generalized Association Plots (GAP). , 2002, , 55-66.		2
61	Interactive Tree-Structured Regression via Principal Hessian Directions. Journal of the American Statistical Association, 2000, 95, 547-560.	1.8	45
62	Genetic association study of a polymorphic CAG repeats array of calcium-activated potassium channel (KCNN3) gene and schizophrenia among the Chinese population from Taiwan. Molecular Psychiatry, 1999, 4, 271-273.	4.1	21
63	High seroprevalence of Borna virus infection in schizophrenic patients, family members and mental health workers in Taiwan. Molecular Psychiatry, 1999, 4, 33-38.	4.1	61
64	Dimension reduction for censored regression data. Annals of Statistics, 1999, 27, .	1.4	62
65	Psychopathological dimensions in schizophrenia: a correlational approach to items of the SANS and SAPS. Psychiatry Research, 1998, 77, 121-130.	1.7	13
66	Interactive Tree-Structured Regression via Principal Hessian Directions. , 0, .		7