

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 | A Five-Gene Signature and Clinical Outcome in Non-Small-Cell Lung Cancer. <i>New England Journal of Medicine</i> , 2007, 356, 11-20. | 13.9 | 877 |
| 2 | Tumor-Associated Macrophages: The Double-Edged Sword in Cancer Progression. <i>Journal of Clinical Oncology</i> , 2005, 23, 953-964. | 0.8 | 328 |
| 3 | Single-Walled Carbon Nanotubes Can Induce Pulmonary Injury in Mouse Model. <i>Nano Letters</i> , 2008, 8, 437-445. | 4.5 | 272 |
| 4 | MicroRNA Expression Aberration as Potential Peripheral Blood Biomarkers for Schizophrenia. <i>PLoS ONE</i> , 2011, 6, e21635. | 1.1 | 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. | 6.5 | 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. | 0.7 | 86 |
| 8 | Anti-diabetic properties of three common <i>Bidens pilosa</i> variants in Taiwan. <i>Phytochemistry</i> , 2009, 70, 1246-1254. | 1.4 | 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. | 3.3 | 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. | 0.7 | 64 |
| 11 | Dimension reduction for censored regression data. <i>Annals of Statistics</i> , 1999, 27, . | 1.4 | 62 |
| 12 | High seroprevalence of Borov virus infection in schizophrenic patients, family members and mental health workers in Taiwan. <i>Molecular Psychiatry</i> , 1999, 4, 33-38. | 4.1 | 61 |
| 13 | Decision threshold adjustment in class prediction. <i>SAR and QSAR in Environmental Research</i> , 2006, 17, 337-352. | 1.0 | 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. | 0.4 | 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. | 1.9 | 57 |
| 17 | Increased gene expression of FOXP1 in patients with autism spectrum disorders. <i>Molecular Autism</i> , 2013, 4, 23. | 2.6 | 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. | 0.7 | 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. | 1.2 | 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. | 1.2 | 46 |
| 21 | 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 |
| 22 | Interactive Tree-Structured Regression via Principal Hessian Directions. Journal of the American Statistical Association, 2000, 95, 547-560. | 1.8 | 45 |
| 23 | Symptom patterns and subgrouping of schizophrenic patients: significance of negative symptoms assessed on admission. Schizophrenia Research, 2002, 56, 105-119. | 1.1 | 44 |
| 24 | Mixed Sequence Reader: A Program for Analyzing DNA Sequences with Heterozygous Base Calling. Scientific World Journal, The, 2012, 2012, 1-10. | 0.8 | 44 |
| 25 | Molecular signature of clinical severity in recovering patients with severe acute respiratory syndrome coronavirus (SARS-CoV). BMC Genomics, 2005, 6, 132. | 1.2 | 34 |
| 26 | 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 |
| 27 | Multi-class clustering and prediction in the analysis of microarray data. Mathematical Biosciences, 2005, 193, 79-100. | 0.9 | 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. | 0.4 | 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. | 2.5 | 30 |
| 30 | Using endophenotypes for pathway clusters to map complex disease genes. Genetic Epidemiology, 2006, 30, 143-154. | 0.6 | 29 |
| 31 | Gene selection with multiple ordering criteria. BMC Bioinformatics, 2007, 8, 74. | 1.2 | 29 |
| 32 | Gene Selection for Sample Classifications in Microarray Experiments. DNA and Cell Biology, 2004, 23, 607-614. | 0.9 | 28 |
| 33 | Methods for simultaneously identifying coherent local clusters with smooth global patterns in gene expression profiles. BMC Bioinformatics, 2008, 9, 155. | 1.2 | 27 |
| 34 | Development of a brief self-report questionnaire for screening putative pre-psychotic states. Schizophrenia Research, 2013, 143, 32-37. | 1.1 | 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. | 1.8 | 24 |
| 36 | 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 |

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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. | 4.1 | 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. | 0.5 | 20 |
| 39 | Exploratory data analysis of interval-valued symbolic data with matrix visualization. <i>Computational Statistics and Data Analysis</i> , 2014, 79, 14-29. | 0.7 | 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. | 1.1 | 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. | 1.7 | 13 |
| 43 | A method for analyzing censored survival phenotype with gene expression data. <i>BMC Bioinformatics</i> , 2008, 9, 417. | 1.2 | 13 |
| 44 | LOHAS: loss of heterozygosity analysis suite. <i>Genetic Epidemiology</i> , 2011, 35, 247-260. | 0.6 | 13 |
| 45 | dbDNV: a resource of duplicated gene nucleotide variants in human genome. <i>Nucleic Acids Research</i> , 2011, 39, D920-D925. | 6.5 | 13 |
| 46 | Microarray labeling extension values: laboratory signatures for Affymetrix GeneChips. <i>Nucleic Acids Research</i> , 2009, 37, e61-e61. | 6.5 | 11 |
| 47 | Analysis of human meiotic recombination events with a parent-sibling tracing approach. <i>BMC Genomics</i> , 2011, 12, 434. | 1.2 | 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. | 1.2 | 10 |
| 49 | Preservation of Ranking Order in the Expression of Human Housekeeping Genes. <i>PLoS ONE</i> , 2011, 6, e29314. | 1.1 | 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. | 2.6 | 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. | 1.4 | 7 |
| 52 | Covariate-adjusted heatmaps for visualizing biological data via correlation decomposition. <i>Bioinformatics</i> , 2018, 34, 3529-3538. | 1.8 | 7 |
| 53 | Interactive Tree-Structured Regression via Principal Hessian Directions. , 0, . | | 7 |
| 54 | SAQC: SNP Array Quality Control. <i>BMC Bioinformatics</i> , 2011, 12, 100. | 1.2 | 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. | 1.6 | 5 |
| 56 | Designating eukaryotic orthology via processed transcription units. Nucleic Acids Research, 2008, 36, 3436-3442. | 6.5 | 4 |
| 57 | Brain responses of explicit and implicit memory: an event-related potential study. NeuroReport, 2006, 17, 1483-1486. | 0.6 | 3 |
| 58 | Recursive Feature Selection with Significant Variables of Support Vectors. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-12. | 0.7 | 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. | 0.8 | 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 |