

Max Robinson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7601563/publications.pdf>

Version: 2024-02-01

19
papers

706
citations

840776

11
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

1059
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Gut microbiome pattern reflects healthy ageing and predicts survival in humans. <i>Nature Metabolism</i> , 2021, 3, 274-286. | 11.9 | 278 |
| 2 | A New Method for Straightening DNA Molecules for Optical Restriction Mapping. <i>Nucleic Acids Research</i> , 1997, 25, 1064-1070. | 14.5 | 93 |
| 3 | Sensitivity and Selectivity in Protein Similarity Searches: A Comparison of Smith's Waterman in Hardware to BLAST and FASTA. <i>Genomics</i> , 1996, 38, 179-191. | 2.9 | 79 |
| 4 | Optimal Scaling of Digital Transcriptomes. <i>PLoS ONE</i> , 2013, 8, e77885. | 2.5 | 44 |
| 5 | Systematic measurement of transcription factor-DNA interactions by targeted mass spectrometry identifies candidate gene regulatory proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3645-3650. | 7.1 | 31 |
| 6 | Index-ion Triggered MS2 Ion Quantification: A Novel Proteomics Approach for Reproducible Detection and Quantification of Targeted Proteins in Complex Mixtures. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.005611. | 3.8 | 26 |
| 7 | Sex, obesity, diabetes, and exposure to particulate matter among patients with severe asthma: Scientific insights from a comparative analysis of open clinical data sources during a five-day hackathon. <i>Journal of Biomedical Informatics</i> , 2019, 100, 103325. | 4.3 | 22 |
| 8 | The geometry of clinical labs and wellness states from deeply phenotyped humans. <i>Nature Communications</i> , 2021, 12, 3578. | 12.8 | 19 |
| 9 | Identification of copy number variants in whole-genome data using Reference Coverage Profiles. <i>Frontiers in Genetics</i> , 2015, 6, 45. | 2.3 | 18 |
| 10 | Microglia show differential transcriptomic response to A β peptide aggregates ex vivo and in vivo. <i>Life Science Alliance</i> , 2021, 4, e202101108. | 2.8 | 17 |
| 11 | Genomic architecture of inflammatory bowel disease in five families with multiple affected individuals. <i>Human Genome Variation</i> , 2016, 3, 15060. | 0.7 | 14 |
| 12 | Ultrafast Comparison of Personal Genomes via Precomputed Genome Fingerprints. <i>Frontiers in Genetics</i> , 2017, 8, 136. | 2.3 | 13 |
| 13 | Genome-scale metabolic model of the rat liver predicts effects of diet restriction. <i>Scientific Reports</i> , 2019, 9, 9807. | 3.3 | 10 |
| 14 | NormExpression: An R Package to Normalize Gene Expression Data Using Evaluated Methods. <i>Frontiers in Genetics</i> , 2019, 10, 400. | 2.3 | 9 |
| 15 | Modulating innate immune activation states impacts the efficacy of specific A β immunotherapy. <i>Molecular Neurodegeneration</i> , 2021, 16, 32. | 10.8 | 4 |
| 16 | Genotype Fingerprints Enable Fast and Private Comparison of Genetic Testing Results for Research and Direct-to-Consumer Applications. <i>Genes</i> , 2018, 9, 481. | 2.4 | 3 |
| 17 | Novel metrics for quantifying bacterial genome composition skews. <i>BMC Genomics</i> , 2018, 19, 528. | 2.8 | 1 |
| 18 | Quality control of large genome datasets. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100123. | 1.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | MECHANISTIC AND DIRECTIONAL TRANSCRIPTIONAL REGULATORY NETWORKS IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1014. | 0.8 | 0 |