

Mikael Benson

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,636
citations

361413

20
h-index

330143

37
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41
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41
docs citations

41
times ranked

3589
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | CD4 ⁺ T-cell DNA methylation changes during pregnancy significantly correlate with disease-associated methylation changes in autoimmune diseases. <i>Epigenetics</i> , 2022, 17, 1040-1055. | 2.7 | 4 |
| 2 | A dynamic single cell-based framework for digital twins to prioritize disease genes and drug targets. <i>Genome Medicine</i> , 2022, 14, 48. | 8.2 | 16 |
| 3 | TET2 as a tumor suppressor and therapeutic target in T-cell acute lymphoblastic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 29 |
| 4 | Cell type identification for single cell RNA data by bulk data reference projection. , 2021, , . | | 0 |
| 5 | Bulk and single cell transcriptomic data indicate that a dichotomy between inflammatory pathways in peripheral blood and arthritic joints complicates biomarker discovery. <i>Cytokine</i> , 2020, 127, 154960. | 3.2 | 22 |
| 6 | Digital twins to personalize medicine. <i>Genome Medicine</i> , 2020, 12, 4. | 8.2 | 158 |
| 7 | Meta-Analysis of Expression Profiling Data Indicates Need for Combinatorial Biomarkers in Pediatric Ulcerative Colitis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-11. | 2.2 | 10 |
| 8 | A validated single-cell-based strategy to identify diagnostic and therapeutic targets in complex diseases. <i>Genome Medicine</i> , 2019, 11, 47. | 8.2 | 68 |
| 9 | An algorithm-based meta-analysis of genome- and proteome-wide data identifies a combination of potential plasma biomarkers for colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 15575. | 3.3 | 10 |
| 10 | Translating genomic medicine to the clinic: challenges and opportunities. <i>Genome Medicine</i> , 2019, 11, 9. | 8.2 | 18 |
| 11 | Estimating heritability and genetic correlations from large health datasets in the absence of genetic data. <i>Nature Communications</i> , 2019, 10, 5508. | 12.8 | 17 |
| 12 | A reassessment of DNA-immunoprecipitation-based genomic profiling. <i>Nature Methods</i> , 2018, 15, 499-504. | 19.0 | 92 |
| 13 | Single-cell analyses to tailor treatments. <i>Science Translational Medicine</i> , 2017, 9, . | 12.4 | 116 |
| 14 | GAB2 regulates type 2 T helper cell differentiation in humans. <i>Cytokine</i> , 2017, 96, 234-237. | 3.2 | 3 |
| 15 | Roles of piRNAs in microcystin-leucine-arginine (MC-LR) induced reproductive toxicity in testis on male offspring. <i>Food and Chemical Toxicology</i> , 2017, 105, 177-185. | 3.6 | 11 |
| 16 | LASSIMâ€”A network inference toolbox for genome-wide mechanistic modeling. <i>PLoS Computational Biology</i> , 2017, 13, e1005608. | 3.2 | 6 |
| 17 | Potential Involvement of Type I Interferon Signaling in Immunotherapy in Seasonal Allergic Rhinitis. <i>Journal of Immunology Research</i> , 2016, 2016, 1-6. | 2.2 | 4 |
| 18 | 5-Hydroxymethylcytosine Remodeling Precedes Lineage Specification during Differentiation of Human CD4 ⁺ T Cells. <i>Cell Reports</i> , 2016, 16, 559-570. | 6.4 | 56 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Cancer network activity associated with therapeutic response and synergism. <i>Genome Medicine</i> , 2016, 8, 88. | 8.2 | 7 |
| 20 | Dynamic Response Genes in CD4+ T Cells Reveal a Network of Interactive Proteins that Classifies Disease Activity in Multiple Sclerosis. <i>Cell Reports</i> , 2016, 16, 2928-2939. | 6.4 | 38 |
| 21 | Making sense of big data in health research: Towards an EU action plan. <i>Genome Medicine</i> , 2016, 8, 71. | 8.2 | 190 |
| 22 | Rapid reprogramming of epigenetic and transcriptional profiles in mammalian culture systems. <i>Genome Biology</i> , 2015, 16, 11. | 8.8 | 137 |
| 23 | Roles of miRNAs in microcystin-LR-induced Sertoli cell toxicity. <i>Toxicology and Applied Pharmacology</i> , 2015, 287, 1-8. | 2.8 | 24 |
| 24 | A validated gene regulatory network and GWAS identifies early regulators of T cell-associated diseases. <i>Science Translational Medicine</i> , 2015, 7, 313ra178. | 12.4 | 66 |
| 25 | Modules, networks and systems medicine for understanding disease and aiding diagnosis. <i>Genome Medicine</i> , 2014, 6, 82. | 8.2 | 169 |
| 26 | DNA Methylation Changes Separate Allergic Patients from Healthy Controls and May Reflect Altered CD4+ T-Cell Population Structure. <i>PLoS Genetics</i> , 2014, 10, e1004059. | 3.5 | 70 |
| 27 | Integrated genomic and prospective clinical studies show the importance of modular pleiotropy for disease susceptibility, diagnosis and treatment. <i>Genome Medicine</i> , 2014, 6, 17. | 8.2 | 27 |
| 28 | A Generally Applicable Translational Strategy Identifies S100A4 as a Candidate Gene in Allergy. <i>Science Translational Medicine</i> , 2014, 6, 218ra4. | 12.4 | 54 |
| 29 | Targeted omics and systems medicine: personalising care. <i>Lancet Respiratory Medicine</i> , 2014, 2, 785-787. | 10.7 | 20 |
| 30 | Differential Shannon entropy and differential coefficient of variation: alternatives and augmentations to differential expression in the search for disease-related genes. <i>International Journal of Computational Biology and Drug Design</i> , 2014, 7, 183. | 0.3 | 12 |
| 31 | Altered Levels of the Soluble IL-1, IL-4 and TNF Receptors, as well as the IL-1 Receptor Antagonist, in Intermittent Allergic Rhinitis. <i>International Archives of Allergy and Immunology</i> , 2004, 134, 227-232. | 2.1 | 18 |
| 32 | DNA microarray analysis of chromosomal susceptibility regions to identify candidate genes for allergic disease: A pilot study. <i>Acta Oto-Laryngologica</i> , 2004, 124, 813-819. | 0.9 | 4 |
| 33 | Gene profiling reveals increased expression of uteroglobin and other anti-inflammatory genes in glucocorticoid-treated nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 1137-1143. | 2.9 | 60 |
| 34 | Epithelial Cells in Nasal Fluids from Patients with Allergic Rhinitis: How do they Relate to Epidermal Growth Factor, Eosinophils and Eosinophil Cationic Protein?. <i>Acta Oto-Laryngologica</i> , 2002, 122, 202-205. | 0.9 | 6 |
| 35 | DNA MICROARRAY ANALYSIS OF TRANSFORMING GROWTH FACTOR- β AND RELATED TRANSCRIPTS IN NASAL BIOPSIES FROM PATIENTS WITH ALLERGIC RHINITIS. <i>Cytokine</i> , 2002, 18, 20-25. | 3.2 | 30 |
| 36 | INCREASED EXPRESSION OF VASCULAR ENDOTHELIAL GROWTH FACTOR-A IN SEASONAL ALLERGIC RHINITIS. <i>Cytokine</i> , 2002, 20, 268-273. | 3.2 | 29 |