

David S Deluca

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

16,234
citations

394421

19
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

38082
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Genotype-Tissue Expression (GTEx) project. <i>Nature Genetics</i> , 2013, 45, 580-585. | 21.4 | 6,815 |
| 2 | The Genotype-Tissue Expression (GTEx) pilot analysis: Multitissue gene regulation in humans. <i>Science</i> , 2015, 348, 648-660. | 12.6 | 4,659 |
| 3 | The human transcriptome across tissues and individuals. <i>Science</i> , 2015, 348, 660-665. | 12.6 | 1,127 |
| 4 | <i>SF3B1</i> and Other Novel Cancer Genes in Chronic Lymphocytic Leukemia. <i>New England Journal of Medicine</i> , 2011, 365, 2497-2506. | 27.0 | 1,021 |
| 5 | A Novel Approach to High-Quality Postmortem Tissue Procurement: The GTEx Project. <i>Biopreservation and Biobanking</i> , 2015, 13, 311-319. | 1.0 | 674 |
| 6 | Comparative analysis of RNA sequencing methods for degraded or low-input samples. <i>Nature Methods</i> , 2013, 10, 623-629. | 19.0 | 419 |
| 7 | Complementary genomic approaches highlight the PI3K/mTOR pathway as a common vulnerability in osteosarcoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5564-73. | 7.1 | 355 |
| 8 | Effect of predicted protein-truncating genetic variants on the human transcriptome. <i>Science</i> , 2015, 348, 666-669. | 12.6 | 252 |
| 9 | Transcriptomic Characterization of <i>SF3B1</i> Mutation Reveals Its Pleiotropic Effects in Chronic Lymphocytic Leukemia. <i>Cancer Cell</i> , 2016, 30, 750-763. | 16.8 | 173 |
| 10 | A Pan-Cancer Analysis of Transcriptome Changes Associated with Somatic Mutations in <i>U2AF1</i> Reveals Commonly Altered Splicing Events. <i>PLoS ONE</i> , 2014, 9, e87361. | 2.5 | 168 |
| 11 | <i>SOX2</i> and <i>p63</i> colocalize at genetic loci in squamous cell carcinomas. <i>Journal of Clinical Investigation</i> , 2014, 124, 1636-1645. | 8.2 | 151 |
| 12 | Mutated <i>BCR-ABL</i> Generates Immunogenic T-cell Epitopes in CML Patients. <i>Clinical Cancer Research</i> , 2012, 18, 5761-5772. | 7.0 | 57 |
| 13 | MULTIPRED2: A computational system for large-scale identification of peptides predicted to bind to HLA supertypes and alleles. <i>Journal of Immunological Methods</i> , 2011, 374, 53-61. | 1.4 | 55 |
| 14 | Clinical Significance of <i>SERPINA1</i> Gene and Its Encoded Alpha1-antitrypsin Protein in NSCLC. <i>Cancers</i> , 2019, 11, 1306. | 3.7 | 52 |
| 15 | Novel sequence feature variant type analysis of the HLA genetic association in systemic sclerosis. <i>Human Molecular Genetics</i> , 2010, 19, 707-719. | 2.9 | 37 |
| 16 | Amino acid 95 causes strong alteration of peptide position P1 in HLA-B*41 variants. <i>Immunogenetics</i> , 2007, 59, 253-259. | 2.4 | 25 |
| 17 | Complications and risk factors in pediatric bronchoscopy in a tertiary pediatric respiratory center. <i>Pediatric Pulmonology</i> , 2018, 53, 619-627. | 2.0 | 24 |
| 18 | The FMS-like tyrosine kinase-3 ligand/lung dendritic cell axis contributes to regulation of pulmonary fibrosis. <i>Thorax</i> , 2019, 74, 947-957. | 5.6 | 24 |

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|----|---|-----|-----------|
| 19 | A modular concept of HLA for comprehensive peptide binding prediction. <i>Immunogenetics</i> , 2006, 59, 25-35. | 2.4 | 22 |
| 20 | Serum Levels of Alpha1-antitrypsin and Their Relationship With COPD in the General Spanish Population. <i>Archivos De Bronconeumologia</i> , 2020, 56, 76-83. | 0.8 | 22 |
| 21 | Filtration and Normalization of Sequencing Read Data in Whole-Metagenome Shotgun Samples. <i>PLoS ONE</i> , 2016, 11, e0165015. | 2.5 | 22 |
| 22 | IL-17 regulates DC migration to the peribronchial LNs and allergen presentation in experimental allergic asthma. <i>European Journal of Immunology</i> , 2020, 50, 1019-1033. | 2.9 | 14 |
| 23 | High-throughput minor histocompatibility antigen prediction. <i>Bioinformatics</i> , 2009, 25, 2411-2417. | 4.1 | 11 |
| 24 | MaHCO: an ontology of the major histocompatibility complex for immunoinformatic applications and text mining. <i>Bioinformatics</i> , 2009, 25, 2064-2070. | 4.1 | 9 |
| 25 | The Delivery of α 1-Antitrypsin Therapy Through Transepidermal Route: Worthwhile to Explore. <i>Frontiers in Pharmacology</i> , 2020, 11, 983. | 3.5 | 9 |
| 26 | SERPINA1 gene polymorphisms in a population-based ALSPAC cohort. <i>Pediatric Pulmonology</i> , 2019, 54, 1474-1478. | 2.0 | 6 |
| 27 | Single cell versus single nucleus: transcriptome differences in the murine kidney after ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, F171-F181. | 2.7 | 5 |
| 28 | Smokers with COPD Show a Shift in Energy and Nitrogen Metabolism at Rest and During Exercise. <i>International Journal of COPD</i> , 2020, Volume 15, 1-13. | 2.3 | 4 |
| 29 | Polymerization of misfolded Z alpha-1 antitrypsin protein lowers CX3CR1 expression in human PBMCs. <i>ELife</i> , 2021, 10, . | 6.0 | 4 |
| 30 | Implementing the Modular MHC Model for Predicting Peptide Binding. <i>Methods in Molecular Biology</i> , 2007, 409, 261-271. | 0.9 | 4 |
| 31 | A comparison of curated gene sets versus transcriptomics-derived gene signatures for detecting pathway activation in immune cells. <i>BMC Bioinformatics</i> , 2020, 21, 28. | 2.6 | 4 |
| 32 | The Replacement Mutation in HLA-DRB1*1211 Affects a Likely Keystone Position. <i>Human Immunology</i> , 2005, 66, 1254-1257. | 2.4 | 3 |
| 33 | Human Leukocyte Antigen Typing Using a Knowledge Base Coupled with a High-Throughput Oligonucleotide Probe Array Analysis. <i>Frontiers in Immunology</i> , 2014, 5, 597. | 4.8 | 3 |
| 34 | SF3B1 Mutation Alters The Selection Of 3' RNA Splice Sites In Chronic Lymphocytic Leukemia. <i>Blood</i> , 2013, 122, 117-117. | 1.4 | 2 |
| 35 | Peptides Derived From Mutated BCR-ABL Elicit T Cell Immunity In CML Patients. <i>Blood</i> , 2010, 116, 887-887. | 1.4 | 1 |
| 36 | MicroRNA-449a Inhibits Triple Negative Breast Cancer by Disturbing DNA Repair and Chromatid Separation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5131. | 4.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Factor VIII Is a Potential Autosomal B Cell Minor Histocompatibility Antigen in Chronic Gvhd.. Blood, 2009, 114, 1167-1167. | 1.4 | 0 |
| 38 | Systematic Identification of Personal Mutated Tumor-Specific Neoantigens in CLL. Blood, 2012, 120, 954-954. | 1.4 | 0 |
| 39 | Tumor Neoantigens Are Abundant Across Cancers. Blood, 2013, 122, 3265-3265. | 1.4 | 0 |