

# Deborah R Winter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8045988/publications.pdf>

Version: 2024-02-01

42  
papers

27,186  
citations

201674

27  
h-index

276875

41  
g-index

53  
all docs

53  
docs citations

53  
times ranked

53469  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | An integrated encyclopedia of DNA elements in the human genome. <i>Nature</i> , 2012, 489, 57-74.  | 27.8 | 15,516    |
| 2  | An "Electronic Fluorescent Pictograph" Browser for Exploring and Analyzing Large-Scale Biological Data Sets. <i>PLoS ONE</i> , 2007, 2, e718.  | 2.5  | 2,236     |
| 3  | Tissue-Resident Macrophage Enhancer Landscapes Are Shaped by the Local Microenvironment. <i>Cell</i> , 2014, 159, 1312-1326.   | 28.9 | 1,705     |
| 4  | A User's Guide to the Encyclopedia of DNA Elements (ENCODE). <i>PLoS Biology</i> , 2011, 9, e1001046.  | 5.6  | 1,257     |
| 5  | Microglia development follows a stepwise program to regulate brain homeostasis. <i>Science</i> , 2016, 353, aad8670.   | 12.6 | 911       |
| 6  | Transcriptional Heterogeneity and Lineage Commitment in Myeloid Progenitors. <i>Cell</i> , 2015, 163, 1663-1677.   | 28.9 | 875       |
| 7  | Single-Cell Transcriptomic Analysis of Human Lung Provides Insights into the Pathobiology of Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1517-1536. | 5.6  | 866       |
| 8  | Chromatin state dynamics during blood formation. <i>Science</i> , 2014, 345, 943-949.  | 12.6 | 699       |
| 9  | Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. <i>Cell</i> , 2016, 167, 1495-1510.e12.   | 28.9 | 591       |
| 10 | The Spectrum and Regulatory Landscape of Intestinal Innate Lymphoid Cells Are Shaped by the Microbiome. <i>Cell</i> , 2016, 166, 1231-1246.e13.  | 28.9 | 465       |
| 11 | Open chromatin defined by DNaseI and FAIRE identifies regulatory elements that shape cell-type identity. <i>Genome Research</i> , 2011, 21, 1757-1767.   | 5.5  | 449       |
| 12 | The role of the local environment and epigenetics in shaping macrophage identity and their effect on tissue homeostasis. <i>Nature Immunology</i> , 2016, 17, 18-25.                                       | 14.5 | 315       |
| 13 | Mef2C restrains microglial inflammatory response and is lost in brain ageing in an IFN- $\gamma$ -dependent manner. <i>Nature Communications</i> , 2017, 8, 717.   | 12.8 | 157       |
| 14 | Transcription Initiation Patterns Indicate Divergent Strategies for Gene Regulation at the Chromatin Level. <i>PLoS Genetics</i> , 2011, 7, e1001274.  | 3.5  | 124       |
| 15 | The lung microenvironment shapes a dysfunctional response of alveolar macrophages in aging. <i>Journal of Clinical Investigation</i> , 2021, 131, .  | 8.2  | 86        |
| 16 | Extracellular Matrix Proteolysis by MT1-MMP Contributes to Influenza-Related Tissue Damage and Mortality. <i>Cell Host and Microbe</i> , 2016, 20, 458-470.  | 11.0 | 82        |
| 17 | Co-ChIP enables genome-wide mapping of histone mark co-occurrence at single-molecule resolution. <i>Nature Biotechnology</i> , 2016, 34, 953-961.  | 17.5 | 81        |
| 18 | Distinct Murine Mucosal Langerhans Cell Subsets Develop from Pre-dendritic Cells and Monocytes. <i>Immunity</i> , 2015, 43, 369-381.   | 14.3 | 78        |

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|----|--|------|-----------|
| 19 | A Beginner's Guide to Analysis of RNA Sequencing Data. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 145-157.  | 2.9  | 78        |
| 20 | A Negative Feedback Loop of Transcription Factors Specifies Alternative Dendritic Cell Chromatin States. <i>Molecular Cell</i> , 2014, 56, 749-762.  | 9.7  | 58        |
| 21 | The role of chromatin dynamics in immune cell development. <i>Immunological Reviews</i> , 2014, 261, 9-22.   | 6.0  | 57        |
| 22 | Transcriptional Profiling of Synovial Macrophages Using Minimally Invasive Ultrasound-Guided Synovial Biopsies in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 841-854. | 5.6  | 44        |
| 23 | Neuropsychiatric Systemic Lupus Erythematosus Is Dependent on Sphingosine-1-Phosphate Signaling. <i>Frontiers in Immunology</i> , 2018, 9, 2189.   | 4.8  | 44        |
| 24 | Lipocalin-2 is a pathogenic determinant and biomarker of neuropsychiatric lupus. <i>Journal of Autoimmunity</i> , 2019, 96, 59-73.   | 6.5  | 43        |
| 25 | Activation of the 15-lipoxygenase pathway in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 600-612.                                  | 2.9  | 43        |
| 26 | Making the case for chromatin profiling: a new tool to investigate the immune-regulatory landscape. <i>Nature Reviews Immunology</i> , 2015, 15, 585-594.                                      | 22.7 | 32        |
| 27 | Bim suppresses the development of SLE by limiting myeloid inflammatory responses. <i>Journal of Experimental Medicine</i> , 2017, 214, 3753-3773.  | 8.5  | 27        |
| 28 | A Novel Microglia-Specific Transcriptional Signature Correlates With Behavioral Deficits in Neuropsychiatric Lupus. <i>Frontiers in Immunology</i> , 2020, 11, 230.                            | 4.8  | 27        |
| 29 | Critical role of synovial tissue-resident macrophage niche in joint homeostasis and suppression of chronic inflammation. <i>Science Advances</i> , 2021, 7, .                                  | 10.3 | 27        |
| 30 | Neuroimmune interactions and osteoarthritis pain: focus on macrophages. <i>Pain Reports</i> , 2021, 6, e892.   | 2.7  | 26        |
| 31 | DNase-seq predicts regions of rotational nucleosome stability across diverse human cell types. <i>Genome Research</i> , 2013, 23, 1118-1129.   | 5.5  | 22        |
| 32 | Transcriptional profiling of pediatric cholestatic livers identifies three distinct macrophage populations. <i>PLoS ONE</i> , 2021, 16, e0244743.  | 2.5  | 20        |
| 33 | Microglia Adopt Longitudinal Transcriptional Changes After Traumatic Brain Injury. <i>Journal of Surgical Research</i> , 2020, 246, 113-122.   | 1.6  | 18        |
| 34 | A Genome-Based Model to Predict the Virulence of <i>Pseudomonas aeruginosa</i> Isolates. <i>MBio</i> , 2020, 11, .   | 4.1  | 12        |
| 35 | Stromal Transcription Factor 21 Regulates Development of the Renal Stroma via Interaction with Wnt/ $\beta^2$ -Catenin Signaling. <i>Kidney360</i> , 2022, 3, 1228-1241.                       | 2.1  | 5         |
| 36 | DCs are ready to commit. <i>Nature Immunology</i> , 2015, 16, 683-685.   | 14.5 | 4         |

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|----|--|------|-----------|
| 37 | From mass cytometry to cancer prognosis. <i>Nature Biotechnology</i> , 2015, 33, 931-932.  | 17.5 | 4         |
| 38 | Thinking BIG rheumatology: how to make functional genomics data work for you. <i>Arthritis Research and Therapy</i> , 2018, 20, 29.                            | 3.5  | 4         |
| 39 | A Novel Role for 15-Lipoxygenase Metabolites in Aspirin Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, AB242. | 2.9  | 2         |
| 40 | SAT0106â€¦NOVEL SUBCLASS OF INTRAVASCULAR NON-CLASSICAL SYNOVIAL MONOCYTES ARE CRITICAL FOR RHEUMATOID ARTHRITIS. , 2019, , .                                  |      | 0         |
| 41 | OP0294â€¦TRANSCRIPTIONAL PROFILING OF RA PATIENTS SYNOVIAL TISSUE REVEALS TARGETS FOR PRECISION MEDICINE. , 2019, , .  |      | 0         |
| 42 | Disease Specific Signatures Identified by RNAâ€seq of Sorted Lung Cellular Populations. <i>FASEB Journal</i> , 2017, 31, 656.4.                                | 0.5  | 0         |