

Amir Giladi

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

23,341
citations

41344

49
h-index

95266

68
g-index

77
all docs

77
docs citations

77
times ranked

35513
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Early antitumor activity of oral Langerhans cells is compromised by a carcinogen. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 15 |
| 2 | Single-cell immunology: Past, present, and future. Immunity, 2022, 55, 393-404. | 14.3 | 47 |
| 3 | The interaction of CD4+ helper T cells with dendritic cells shapes the tumor microenvironment and immune checkpoint blockade response. Nature Cancer, 2022, 3, 303-317. | 13.2 | 85 |
| 4 | LGR5 expressing skin fibroblasts define a major cellular hub perturbed in scleroderma. Cell, 2022, 185, 1373-1388.e20. | 28.9 | 50 |
| 5 | Physically interacting beta-delta pairs in the regenerating pancreas revealed by single-cell sequencing. Molecular Metabolism, 2022, 60, 101467. | 6.5 | 0 |
| 6 | Alzheimer's disease modification mediated by bone marrow-derived macrophages via a TREM2-independent pathway in mouse model of amyloidosis. Nature Aging, 2022, 2, 60-73. | 11.6 | 12 |
| 7 | Digging for treasures in the tumour interactome. Nature Reviews Cancer, 2022, 22, 434-435. | 28.4 | 1 |
| 8 | Identification of the central intermediate in the extra-embryonic to embryonic endoderm transition through single-cell transcriptomics. Nature Cell Biology, 2022, 24, 833-844. | 10.3 | 15 |
| 9 | NF- κ B activity during pancreas development regulates adult β 2-cell mass by modulating neonatal β 2-cell proliferation and apoptosis. Cell Death Discovery, 2021, 7, 2. | 4.7 | 5 |
| 10 | Identification of resistance pathways and therapeutic targets in relapsed multiple myeloma patients through single-cell sequencing. Nature Medicine, 2021, 27, 491-503. | 30.7 | 118 |
| 11 | XCR1+ type 1 conventional dendritic cells drive liver pathology in non-alcoholic steatohepatitis. Nature Medicine, 2021, 27, 1043-1054. | 30.7 | 95 |
| 12 | Clump sequencing exposes the spatial expression programs of intestinal secretory cells. Nature Communications, 2021, 12, 3074. | 12.8 | 43 |
| 13 | Single-cell analysis of regions of interest (SCARI) using a photosensitive tag. Nature Chemical Biology, 2021, 17, 1139-1147. | 8.0 | 13 |
| 14 | Meningeal lymphoid structures are activated under acute and chronic spinal cord pathologies. Life Science Alliance, 2021, 4, e202000907. | 2.8 | 14 |
| 15 | LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386. | 27.8 | 108 |
| 16 | Coupled scRNA-Seq and Intracellular Protein Activity Reveal an Immunosuppressive Role of TREM2 in Cancer. Cell, 2020, 182, 872-885.e19. | 28.9 | 298 |
| 17 | Host-Viral Infection Maps Reveal Signatures of Severe COVID-19 Patients. Cell, 2020, 181, 1475-1488.e12. | 28.9 | 405 |
| 18 | The Physiology, Pathology, and Potential Therapeutic Applications of the TREM2 Signaling Pathway. Cell, 2020, 181, 1207-1217. | 28.9 | 279 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Dissecting cellular crosstalk by sequencing physically interacting cells. <i>Nature Biotechnology</i> , 2020, 38, 629-637. | 17.5 | 187 |
| 20 | C/EBP β -Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2020, 26, 657-674.e8. | 11.1 | 180 |
| 21 | Cancer-associated fibroblast compositions change with breast cancer progression linking the ratio of S100A4+ and PDPN+ CAFs to clinical outcome. <i>Nature Cancer</i> , 2020, 1, 692-708. | 13.2 | 159 |
| 22 | Spatiotemporal regulation of type I interferon expression determines the antiviral polarization of CD4+ T cells. <i>Nature Immunology</i> , 2020, 21, 321-330. | 14.5 | 59 |
| 23 | Cxcl10+ monocytes define a pathogenic subset in the central nervous system during autoimmune neuroinflammation. <i>Nature Immunology</i> , 2020, 21, 525-534. | 14.5 | 74 |
| 24 | A single cell atlas of the human liver tumor microenvironment. <i>Molecular Systems Biology</i> , 2020, 16, e9682. | 7.2 | 99 |
| 25 | Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. <i>Cell</i> , 2019, 178, 686-698.e14. | 28.9 | 718 |
| 26 | MetaCell: analysis of single-cell RNA-seq data using K-nn graph partitions. <i>Genome Biology</i> , 2019, 20, 206. | 8.8 | 218 |
| 27 | PD-1/PD-L1 checkpoint blockade harnesses monocyte-derived macrophages to combat cognitive impairment in a tauopathy mouse model. <i>Nature Communications</i> , 2019, 10, 465. | 12.8 | 112 |
| 28 | Plasmacytoid dendritic cells develop from Ly6D+ lymphoid progenitors distinct from the myeloid lineage. <i>Nature Immunology</i> , 2019, 20, 852-864. | 14.5 | 162 |
| 29 | MARS-seq2.0: an experimental and analytical pipeline for indexed sorting combined with single-cell RNA sequencing. <i>Nature Protocols</i> , 2019, 14, 1841-1862. | 12.0 | 200 |
| 30 | DC Respond to Cognate T Cell Interaction in the Antigen-Challenged Lymph Node. <i>Frontiers in Immunology</i> , 2019, 10, 863. | 4.8 | 16 |
| 31 | Single-Cell Analysis of Diverse Pathogen Responses Defines a Molecular Roadmap for Generating Antigen-Specific Immunity. <i>Cell Systems</i> , 2019, 8, 109-121.e6. | 6.2 | 39 |
| 32 | Cross-Species Single-Cell Analysis Reveals Divergence of the Primate Microglia Program. <i>Cell</i> , 2019, 179, 1609-1622.e16. | 28.9 | 292 |
| 33 | Dysfunctional CD8 T Cells Form a Proliferative, Dynamically Regulated Compartment within Human Melanoma. <i>Cell</i> , 2019, 176, 775-789.e18. | 28.9 | 760 |
| 34 | Embrace the fat when getting old. <i>Aging</i> , 2019, 11, 8730-8732. | 3.1 | 3 |
| 35 | Single-Cell Genomics: A Stepping Stone for Future Immunology Discoveries. <i>Cell</i> , 2018, 172, 14-21. | 28.9 | 214 |
| 36 | Impaired immune surveillance accelerates accumulation of senescent cells and aging. <i>Nature Communications</i> , 2018, 9, 5435. | 12.8 | 325 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Single cell dissection of plasma cell heterogeneity in symptomatic and asymptomatic myeloma. <i>Nature Medicine</i> , 2018, 24, 1867-1876. | 30.7 | 179 |
| 38 | Lung Single-Cell Signaling Interaction Map Reveals Basophil Role in Macrophage Imprinting. <i>Cell</i> , 2018, 175, 1031-1044.e18. | 28.9 | 332 |
| 39 | Paired-cell sequencing enables spatial gene expression mapping of liver endothelial cells. <i>Nature Biotechnology</i> , 2018, 36, 962-970. | 17.5 | 262 |
| 40 | Disease-Associated Microglia: A Universal Immune Sensor of Neurodegeneration. <i>Cell</i> , 2018, 173, 1073-1081. | 28.9 | 765 |
| 41 | Early metazoan cell type diversity and the evolution of multicellular gene regulation. <i>Nature Ecology and Evolution</i> , 2018, 2, 1176-1188. | 7.8 | 226 |
| 42 | From the Human Cell Atlas to dynamic immune maps in human disease. <i>Nature Reviews Immunology</i> , 2018, 18, 597-598. | 22.7 | 23 |
| 43 | Single-cell mapping of the thymic stroma identifies IL-25-producing tuft epithelial cells. <i>Nature</i> , 2018, 559, 622-626. | 27.8 | 235 |
| 44 | Differences in Cell Cycle Status Underlie Transcriptional Heterogeneity in the HSC Compartment. <i>Cell Reports</i> , 2018, 24, 766-780. | 6.4 | 40 |
| 45 | Single-cell characterization of haematopoietic progenitors and their trajectories in homeostasis and perturbed haematopoiesis. <i>Nature Cell Biology</i> , 2018, 20, 836-846. | 10.3 | 267 |
| 46 | Single-cell spatial reconstruction reveals global division of labour in the mammalian liver. <i>Nature</i> , 2017, 542, 352-356. | 27.8 | 809 |
| 47 | Single-cell transcriptome conservation in cryopreserved cells and tissues. <i>Genome Biology</i> , 2017, 18, 45. | 8.8 | 134 |
| 48 | Genomic Characterization of Murine Monocytes Reveals C/EBP β Transcription Factor Dependence of Ly6C ^{hi} Cells. <i>Immunity</i> , 2017, 46, 849-862.e7. | 14.3 | 233 |
| 49 | Innate Immune Landscape in Early Lung Adenocarcinoma by Paired Single-Cell Analyses. <i>Cell</i> , 2017, 169, 750-765.e17. | 28.9 | 937 |
| 50 | A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. <i>Cell</i> , 2017, 169, 1276-1290.e17. | 28.9 | 3,282 |
| 51 | Spatial reconstruction of immune niches by combining photoactivatable reporters and scRNA-seq. <i>Science</i> , 2017, 358, 1622-1626. | 12.6 | 176 |
| 52 | The Human Cell Atlas. <i>ELife</i> , 2017, 6, . | 6.0 | 1,547 |
| 53 | Immunology, one cell at a time. <i>Nature</i> , 2017, 547, 27-29. | 27.8 | 33 |
| 54 | Dissecting Immune Circuits by Linking CRISPR-Pooled Screens with Single-Cell RNA-Seq. <i>Cell</i> , 2016, 167, 1883-1896.e15. | 28.9 | 604 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Microglia development follows a stepwise program to regulate brain homeostasis. <i>Science</i> , 2016, 353, aad8670. | 12.6 | 911 |
| 58 | PD-1 immune checkpoint blockade reduces pathology and improves memory in mouse models of Alzheimer's disease. <i>Nature Medicine</i> , 2016, 22, 135-137. | 30.7 | 286 |
| 59 | Sumoylation coordinates the repression of inflammatory and anti-viral gene-expression programs during innate sensing. <i>Nature Immunology</i> , 2016, 17, 140-149. | 14.5 | 127 |
| 60 | Transcription factor binding dynamics during human ES cell differentiation. <i>Nature</i> , 2015, 518, 344-349. | 27.8 | 318 |
| 61 | Transcriptional Heterogeneity and Lineage Commitment in Myeloid Progenitors. <i>Cell</i> , 2015, 163, 1663-1677. | 28.9 | 875 |
| 62 | Tissue-Resident Macrophage Enhancer Landscapes Are Shaped by the Local Microenvironment. <i>Cell</i> , 2014, 159, 1312-1326. | 28.9 | 1,705 |
| 63 | Massively Parallel Single-Cell RNA-Seq for Marker-Free Decomposition of Tissues into Cell Types. <i>Science</i> , 2014, 343, 776-779. | 12.6 | 1,563 |
| 64 | A Negative Feedback Loop of Transcription Factors Specifies Alternative Dendritic Cell Chromatin States. <i>Molecular Cell</i> , 2014, 56, 749-762. | 9.7 | 58 |
| 65 | Chromatin state dynamics during blood formation. <i>Science</i> , 2014, 345, 943-949. | 12.6 | 699 |
| 66 | Aging-induced type I interferon response at the choroid plexus negatively affects brain function. <i>Science</i> , 2014, 346, 89-93. | 12.6 | 463 |
| 67 | High-throughput chromatin immunoprecipitation for genome-wide mapping of in vivo protein-DNA interactions and epigenomic states. <i>Nature Protocols</i> , 2013, 8, 539-554. | 12.0 | 246 |