# Shalin H Naik

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7323788/publications.pdf

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|---|---|---|---|
| 51 papers | 8,849 citations | 117453 34 h-index | 189595 50 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 11835 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dendritic cells, monocytes and macrophages: a unified nomenclature based on ontogeny. Nature Reviews Immunology, 2014, 14, 571-578. | 10.6 | 1,494 |
| 2 | Steady-state and inflammatory dendritic-cell development. Nature Reviews Immunology, 2007, 7, 19-30. | 10.6 | 1,036 |
| 3 | Development of plasmacytoid and conventional dendritic cell subtypes from single precursor cells derived in vitro and in vivo. Nature Immunology, 2007, 8, 1217-1226. | 7.0 | 713 |
| 4 | Intrasplenic steady-state dendritic cell precursors that are distinct from monocytes. Nature Immunology, 2006, 7, 663-671. | 7.0 | 531 |
| 5 | Cutting Edge: Generation of Splenic CD8+ and CD8â^' Dendritic Cell Equivalents in Fms-Like Tyrosine Kinase 3 Ligand Bone Marrow Cultures. Journal of Immunology, 2005, 174, 6592-6597. | 0.4 | 491 |
| 6 | Identification of cDC1- and cDC2-committed DC progenitors reveals early lineage priming at the common DC progenitor stage in the bone marrow. Nature Immunology, 2015, 16, 718-728. | 7.0 | 475 |
| 7 | Diverse and heritable lineage imprinting of early haematopoietic progenitors. Nature, 2013, 496, 229-232. | 13.7 | 337 |
| 8 | Differential Development of Murine Dendritic Cells by GM-CSF versus Flt3 Ligand Has Implications for Inflammation and Trafficking. Journal of Immunology, 2007, 179, 7577-7584. | 0.4 | 336 |
| 9 | Heterogeneous Differentiation Patterns of Individual CD8 <sup>+</sup> T Cells. Science, 2013, 340, 635-639. | 6.0 | 320 |
| 10 | Spatial omics and multiplexed imaging to explore cancer biology. Nature Methods, 2021, 18, 997-1012. | 9.0 | 279 |
| 11 | Dendritic cells in the thymus contribute to T-regulatory cell induction. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19869-19874. | 3.3 | 265 |
| 12 | Benchmarking single cell RNA-sequencing analysis pipelines using mixture control experiments. Nature Methods, 2019, 16, 479-487. | 9.0 | 259 |
| 13 | Deficient CD40-TRAF6 signaling in leukocytes prevents atherosclerosis by skewing the immune response toward an antiinflammatory profile. Journal of Experimental Medicine, 2010, 207, 391-404. | 4.2 | 232 |
| 14 | The Molecular Basis for the Lack of Immunostimulatory Activity of Vertebrate DNA. Journal of Immunology, 2003, 170, 3614-3620. | 0.4 | 164 |
| 15 | Demystifying the development of dendritic cell subtypes, a little. Immunology and Cell Biology, 2008, 86, 439-452. | 1.0 | 137 |
| 16 | Deciphering the Innate Lymphoid Cell Transcriptional Program. Cell Reports, 2016, 17, 436-447. | 2.9 | 131 |
| 17 | Targeting enhancer switching overcomes non-genetic drug resistance in acute myeloid leukaemia. Nature Communications, 2019, 10, 2723. | 5.8 | 126 |
| 18 | Phosphorothioate Backbone Modification Modulates Macrophage Activation by CpG DNA. Journal of Immunology, 2000, 165, 4165-4173. | 0.4 | 116 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Lymphoid Tissue and Plasmacytoid Dendritic Cells and Macrophages Do Not Share a Common Macrophage-Dendritic Cell-Restricted Progenitor. Immunity, 2014, 41, 104-115. | 6.6 | 105 |
| 20 | Barcoding reveals complex clonal behavior in patient-derived xenografts of metastatic triple negative breast cancer. Nature Communications, 2019, 10, 766. | 5.8 | 99 |
| 21 | scPipe: A flexible R/Bioconductor preprocessing pipeline for single-cell RNA-sequencing data. PLoS Computational Biology, 2018, 14, e1006361. | 1.5 | 97 |
| 22 | Normal proportion and expression of maturation markers in migratory dendritic cells in the absence of germs or Tollâ€like receptor signaling. Immunology and Cell Biology, 2008, 86, 200-205. | 1.0 | 90 |
| 23 | A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. Science Immunology, 2019, 4, . | 5.6 | 75 |
| 24 | Non-genetic determinants of malignant clonal fitness at single-cell resolution. Nature, 2022, 601, 125-131. | 13.7 | 71 |
| 25 | Cellular barcoding: A technical appraisal. Experimental Hematology, 2014, 42, 598-608. | 0.2 | 65 |
| 26 | CD8+, CD8â^', and Plasmacytoid Dendritic Cell Generation In Vitro Using flt3 Ligand. Methods in Molecular Biology, 2010, 595, 167-176. | 0.4 | 62 |
| 27 | Interconversion between Tumorigenic and Differentiated States in Acute Myeloid Leukemia. Cell Stem Cell, 2019, 25, 258-272.e9. | 5.2 | 60 |
| 28 | Costimulatory ligand CD70 allows induction of CD8+ T-cell immunity by immature dendritic cells in a vaccination setting. Blood, 2009, 113, 5167-5175. | 0.6 | 59 |
| 29 | Transcription Factor PU.1 Promotes Conventional Dendritic Cell Identity and Function via Induction of Transcriptional Regulator DC-SCRIPT. Immunity, 2019, 50, 77-90.e5. | 6.6 | 59 |
| 30 | CD8Î±+ mouse spleen dendritic cells do not originate from the CD8Î±- dendritic cell subset. Blood, 2003, 102, 601-604. | 0.6 | 56 |
| 31 | Membrane budding is a major mechanism of in vivo platelet biogenesis. Journal of Experimental Medicine, 2020, 217, . | 4.2 | 47 |
| 32 | Plasmacytoid Dendritic Cell Development. Advances in Immunology, 2013, 120, 105-126. | 1.1 | 43 |
| 33 | Homeostasis of dendritic cells in lymphoid organs is controlled by regulation of their precursors via a feedback loop. Blood, 2009, 114, 4411-4421. | 0.6 | 41 |
| 34 | Determining Lineage Pathways from Cellular Barcoding Experiments. Cell Reports, 2014, 6, 617-624. | 2.9 | 40 |
| 35 | DiSNE Movie Visualization and Assessment of Clonal Kinetics Reveal Multiple Trajectories of Dendritic Cell Development. Cell Reports, 2018, 22, 2557-2566. | 2.9 | 33 |
| 36 | Development of murine plasmacytoid dendritic cell subsets. Immunology and Cell Biology, 2005, 83, 563-570. | 1.0 | 32 |

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|---|---|---|---|
| 37 | Unique properties of a subset of human pluripotent stem cells with high capacity for self-renewal. Nature Communications, 2020, 11, 2420. | 5.8 | 29 |
| 38 | Editorial: Dendritic Cell and Macrophage Nomenclature and Classification. Frontiers in Immunology, 2016, 7, 168. | 2.2 | 25 |
| 39 | Transcriptomic Profiling of Human Pluripotent Stem Cell-derived Retinal Pigment Epithelium over Time. Genomics, Proteomics and Bioinformatics, 2021, 19, 223-242. | 3.0 | 25 |
| 40 | Clonal multi-omics reveals Bcor as a negative regulator of emergency dendritic cell development. Immunity, 2021, 54, 1338-1351.e9. | 6.6 | 25 |
| 41 | The invariant chain transports TNF family member CD70 to MHC class II compartments in dendritic cells. Journal of Cell Science, 2010, 123, 3817-3827. | 1.2 | 23 |
| 42 | Single-cell analyses reveal the clonal and molecular aetiology of Flt3L-induced emergency dendritic cell development. Nature Cell Biology, 2021, 23, 219-231. | 4.6 | 22 |
| 43 | A new lymphoid-primed progenitor marked by Dach1 downregulation identified with single cell multi-omics. Nature Immunology, 2020, 21, 1574-1584. | 7.0 | 20 |
| 44 | Site-specific recombinatorics: in situ cellular barcoding with the Cre Lox system. BMC Systems Biology, 2016, 10, 43. | 3.0 | 15 |
| 45 | Reproducibility of Illumina platform deep sequencing errors allows accurate determination of DNA barcodes in cells. BMC Bioinformatics, 2016, 17, 151. | 1.2 | 14 |
| 46 | RelB suppresses type I Interferon signaling in dendritic cells. Cellular Immunology, 2020, 349, 104043. | 1.4 | 13 |
| 47 | Dendritic cell development at a clonal level within a revised â€˜continuousâ€™ model of haematopoiesis. Molecular Immunology, 2020, 124, 190-197. | 1.0 | 10 |
| 48 | Generation of Large Numbers of Pro-DCs and Pre-DCs In Vitro. Methods in Molecular Biology, 2010, 595, 177-186. | 0.4 | 9 |
| 49 | Toward defining a â€˜lineageâ€™ â€“ The case for dendritic cells. Seminars in Cell and Developmental Biology, 2015, 41, 3-8. | 2.3 | 8 |
| 50 | Segmentation of occluded hematopoietic stem cells from tracking. , 2014, 2014, 5510-3. | | 6 |
| 51 | Death by differentiation: CD4+ TÂcells kick out suspicious stem cells. Cell Stem Cell, 2022, 29, 655-656. | 5.2 | 1 |