# Di Yu

List of Publications by Year
in descending order



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|---|---|---|---|
| 99 papers | 13,375 citations | 71061 41 h-index | 32815 100 g-index |
| 106 all docs | 106 docs citations | 106 times ranked | 17271 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Regulation of inflammatory responses by gut microbiota and chemoattractant receptor GPR43. Nature, 2009, 461, 1282-1286. | 13.7 | 2,534 |
| 2 | The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. Immunity, 2009, 31, 457-468. | 6.6 | 1,041 |
| 3 | Follicular Helper T Cells. Annual Review of Immunology, 2016, 34, 335-368. | 9.5 | 912 |
| 4 | A RING-type ubiquitin ligase family member required to repress follicular helper T cells and autoimmunity. Nature, 2005, 435, 452-458. | 13.7 | 777 |
| 5 | IL-21 acts directly on B cells to regulate Bcl-6 expression and germinal center responses. Journal of Experimental Medicine, 2010, 207, 353-363. | 4.2 | 659 |
| 6 | A Fundamental Role for Interleukin-21 in the Generation of T Follicular Helper Cells. Immunity, 2008, 29, 127-137. | 6.6 | 646 |
| 7 | Circulating Precursor CCR7loPD-1hi CXCR5+ CD4+ T Cells Indicate Tfh Cell Activity and Promote Antibody Responses upon Antigen Reexposure. Immunity, 2013, 39, 770-781. | 6.6 | 571 |
| 8 | Follicular helper T cells are required for systemic autoimmunity. Journal of Experimental Medicine, 2009, 206, 561-576. | 4.2 | 530 |
| 9 | Low-dose interleukin-2 treatment selectively modulates CD4+ T cell subsets in patients with systemic lupus erythematosus. Nature Medicine, 2016, 22, 991-993. | 15.2 | 457 |
| 10 | Preparation of Hierarchical Hollow CaCO<sub>3</sub> Particles and the Application as Anticancer Drug Carrier. Journal of the American Chemical Society, 2008, 130, 15808-15810. | 6.6 | 431 |
| 11 | CXCR5+ follicular cytotoxic T cells control viral infection in B cell follicles. Nature Immunology, 2016, 17, 1187-1196. | 7.0 | 385 |
| 12 | Roquin represses autoimmunity by limiting inducible T-cell co-stimulator messenger RNA. Nature, 2007, 450, 299-303. | 13.7 | 376 |
| 13 | CXCR5 Expressing Human Central Memory CD4 T Cells and Their Relevance for Humoral Immune Responses. Journal of Immunology, 2011, 186, 5556-5568. | 0.4 | 296 |
| 14 | B cell priming for extrafollicular antibody responses requires Bcl-6 expression by T cells. Journal of Experimental Medicine, 2011, 208, 1377-1388. | 4.2 | 250 |
| 15 | Efficacy and safety of low-dose IL-2 in the treatment of systemic lupus erythematosus: a randomised, double-blind, placebo-controlled trial. Annals of the Rheumatic Diseases, 2020, 79, 141-149. | 0.5 | 223 |
| 16 | Severe Malaria Infections Impair Germinal Center Responses by Inhibiting T Follicular Helper Cell Differentiation. Cell Reports, 2016, 14, 68-81. | 2.9 | 193 |
| 17 | Seleniumâ€“GPX4 axis protects follicular helper T cells from ferroptosis. Nature Immunology, 2021, 22, 1127-1139. | 7.0 | 158 |
| 18 | The elusive identity of T follicular helper cells. Trends in Immunology, 2010, 31, 377-383. | 2.9 | 145 |

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|---|---|---|---|
| 19 | Increased glucose metabolic activity is associated with CD4+ T-cell activation and depletion during chronic HIV infection. Aids, 2014, 28, 297-309. | 1.0 | 141 |
| 20 | Peripheral CD4+ T cell subsets and antibody response in COVID-19 convalescent individuals. Journal of Clinical Investigation, 2020, 130, 6588-6599. | 3.9 | 128 |
| 21 | T follicular helper cells and T follicular regulatory cells in rheumatic diseases. Nature Reviews Rheumatology, 2019, 15, 475-490. | 3.5 | 121 |
| 22 | Roquin-2 Shares Functions with Its Paralog Roquin-1 in the Repression of mRNAs Controlling T Follicular Helper Cells and Systemic Inflammation. Immunity, 2013, 38, 669-680. | 6.6 | 120 |
| 23 | Potentiating Tissue-Resident Type 2 Innate Lymphoid Cells by IL-33 to Prevent Renal Ischemia-Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2018, 29, 961-976. | 3.0 | 102 |
| 24 | Macrophage-tumor chimeric exosomes accumulate in lymph node and tumor to activate the immune response and the tumor microenvironment. Science Translational Medicine, 2021, 13, eabb6981. | 5.8 | 84 |
| 25 | Dramatic regulation of heparanase activity and angiogenesis gene expression in synovium from patients with rheumatoid arthritis. Arthritis and Rheumatism, 2008, 58, 1590-1600. | 6.7 | 79 |
| 26 | IL-23 costimulates antigen-specific MAIT cell activation and enables vaccination against bacterial infection. Science Immunology, 2019, 4, . | 5.6 | 75 |
| 27 | Allergen immunotherapy improves defective follicular regulatory T cells in patients with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2019, 144, 118-128. | 1.5 | 72 |
| 28 | Memory T Cell RNA Rearrangement Programmed by Heterogeneous Nuclear Ribonucleoprotein hnRNPLL. Immunity, 2008, 29, 863-875. | 6.6 | 71 |
| 29 | Roles of follicular helper and regulatory T cells in allergic diseases and allergen immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 456-470. | 2.7 | 71 |
| 30 | The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. FEBS Journal, 2010, 277, 2109-2127. | 2.2 | 69 |
| 31 | IL-25 Induces M2 Macrophages and Reduces Renal Injury in Proteinuric Kidney Disease. Journal of the American Society of Nephrology: JASN, 2011, 22, 1229-1239. | 3.0 | 69 |
| 32 | Logic and Extent of miRNA-Mediated Control of Autoimmune Gene Expression. International Reviews of Immunology, 2009, 28, 112-138. | 1.5 | 68 |
| 33 | Dimensionality reduction by UMAP reinforces sample heterogeneity analysis in bulk transcriptomic data. Cell Reports, 2021, 36, 109442. | 2.9 | 67 |
| 34 | A Portrait of CXCR5+ Follicular Cytotoxic CD8+ T cells. Trends in Immunology, 2018, 39, 965-979. | 2.9 | 63 |
| 35 | PTPN2-deficiency exacerbates T follicular helper cell and B cell responses and promotes the development of autoimmunity. Journal of Autoimmunity, 2017, 76, 85-100. | 3.0 | 61 |
| 36 | Characteristics of Sjogren's syndrome in rheumatoid arthritis. Rheumatology, 2013, 52, 1084-1089. | 0.9 | 59 |

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|---|---|---|---|
| 37 | Follicular helper Tâ€cell memory: establishing new frontiers during antibody response. Immunology and Cell Biology, 2014, 92, 57-63. | 1.0 | 58 |
| 38 | Lineage specification and heterogeneity of T follicular helper cells. Current Opinion in Immunology, 2009, 21, 619-625. | 2.4 | 56 |
| 39 | Reduction of choroidal neovascularization via cleavable VEGF antibodies conjugated to exosomes derived from regulatory T cells. Nature Biomedical Engineering, 2021, 5, 968-982. | 11.6 | 52 |
| 40 | Axon growth and guidance genes identify Tâ€dependent germinal centre B cells. Immunology and Cell Biology, 2008, 86, 3-14. | 1.0 | 50 |
| 41 | MicroRNAs in common diseases and potential therapeutic applications. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 102-107. | 0.9 | 50 |
| 42 | Biomimetically Engineered Demiâ€Bacteria Potentiate Vaccination against Cancer. Advanced Science, 2017, 4, 1700083. | 5.6 | 47 |
| 43 | Ectopic lymphoid tissues support local immunoglobulin production in patients with chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2018, 141, 927-937. | 1.5 | 43 |
| 44 | APOE Îµ4, white matter hyperintensities, and cognition in Alzheimer and Lewy body dementia. Neurology, 2019, 93, e1807-e1819. | 1.5 | 43 |
| 45 | Emerging Role and Characterization of Immunometabolism: Relevance to HIV Pathogenesis, Serious Non-AIDS Events, and a Cure. Journal of Immunology, 2016, 196, 4437-4444. | 0.4 | 39 |
| 46 | Correlation of allergen-specific T follicular helper cell counts with specific IgE levels and efficacy of allergen immunotherapy. Journal of Allergy and Clinical Immunology, 2018, 142, 321-324.e10. | 1.5 | 39 |
| 47 | Evidence for microRNA-mediated regulation in rheumatic diseases. Annals of the Rheumatic Diseases, 2010, 69, i30-i36. | 0.5 | 38 |
| 48 | Multiple checkpoints keep follicular helper T cells under control to prevent autoimmunity. Cellular and Molecular Immunology, 2010, 7, 198-203. | 4.8 | 37 |
| 49 | CD23 expression on switched memory B cells bridges Tâ€B cell interaction in allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2599-2612. | 2.7 | 34 |
| 50 | A pathogenetic role for IL-21 in primary SjÃ¶gren syndrome. Nature Reviews Rheumatology, 2015, 11, 368-374. | 3.5 | 33 |
| 51 | Signal Transducer and Activator of Transcription 3 Hyperactivation Associates With Follicular Helper T Cell Differentiation and Disease Activity in Rheumatoid Arthritis. Frontiers in Immunology, 2018, 9, 1226. | 2.2 | 33 |
| 52 | Targeting TFH cells in human diseases and vaccination: rationale and practice. Nature Immunology, 2022, 23, 1157-1168. | 7.0 | 33 |
| 53 | Flow Cytometric Analysis of Circulating Follicular Helper T (Tfh) and Follicular Regulatory T (Tfr) Populations in Human Blood. Methods in Molecular Biology, 2015, 1291, 199-207. | 0.4 | 29 |
| 54 | T Lymphocytes and Testicular Immunity: A New Insight into Immune Regulation in Testes. International Journal of Molecular Sciences, 2021, 22, 57. | 1.8 | 28 |

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|---|---|---|---|
| 55 | T-Cellâ€“Specific PTPN2 Deficiency in NOD Mice Accelerates the Development of Type 1 Diabetes and Autoimmune Comorbidities. Diabetes, 2019, 68, 1251-1266. | 0.3 | 27 |
| 56 | Follicular helper T cells in type 1 diabetes. FASEB Journal, 2020, 34, 30-40. | 0.2 | 27 |
| 57 | The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. Nature Communications, 2021, 12, 3073. | 5.8 | 27 |
| 58 | The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. Arthritis and Rheumatology, 2016, 68, 1026-1038. | 2.9 | 26 |
| 59 | Role of allergen-specific T-follicular helper cells in immunotherapy. Current Opinion in Allergy and Clinical Immunology, 2018, 18, 495-501. | 1.1 | 24 |
| 60 | Low-dose IL-2 therapy invigorates CD8+ T cells for viral control in systemic lupus erythematosus. PLoS Pathogens, 2021, 17, e1009858. | 2.1 | 23 |
| 61 | Heparanase in primary human osteoblasts. Journal of Orthopaedic Research, 2010, 28, 1315-1322. | 1.2 | 22 |
| 62 | High levels of soluble CD25 in COVIDâ€19 severity suggest a divergence between antiâ€viral and proâ€inflammatory Tâ€cell responses. Clinical and Translational Immunology, 2021, 10, e1251. | 1.7 | 22 |
| 63 | Combined Blockade of Smad3 and JNK Pathways Ameliorates Progressive Fibrosis in Folic Acid Nephropathy. Frontiers in Pharmacology, 2019, 10, 880. | 1.6 | 20 |
| 64 | Iron-dependent epigenetic modulation promotes pathogenic T cell differentiation in lupus. Journal of Clinical Investigation, 2022, 132, . | 3.9 | 18 |
| 65 | Inflammation and Lymphopenia Trigger Autoimmunity by Suppression of IL-2â€“Controlled Regulatory T Cell and Increase of IL-21â€“Mediated Effector T Cell Expansion. Journal of Immunology, 2014, 193, 4845-4858. | 0.4 | 17 |
| 66 | Defective STING expression potentiates IL-13 signaling in epithelial cells in eosinophilic chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2021, 147, 1692-1703. | 1.5 | 17 |
| 67 | Sustained lowâ€dose interleukinâ€2 therapy alleviates pathogenic humoral immunity via elevating the Tfr/Tfh ratio in lupus. Clinical and Translational Immunology, 2021, 10, e1293. | 1.7 | 16 |
| 68 | Serum Metabolic Profile Alteration Reveals Response to Platinum-Based Combination Chemotherapy for Lung Cancer: Sensitive Patients Distinguished from Insensitive ones. Scientific Reports, 2017, 7, 17524. | 1.6 | 14 |
| 69 | Control of lymphocyte homeostasis and effector function by the aryl hydrocarbon receptor. International Immunopharmacology, 2015, 28, 818-824. | 1.7 | 13 |
| 70 | pH and Proton Sensor GPR65 Determine Susceptibility to Atopic Dermatitis. Journal of Immunology, 2021, 207, 101-109. | 0.4 | 13 |
| 71 | Extrafollicular PD-1highCXCR5â€“CD4+ T cells participate in local immunoglobulin production in nasal polyps. Journal of Allergy and Clinical Immunology, 2022, 149, 610-623. | 1.5 | 13 |
| 72 | Efficient production of recombinant IL-21 proteins for pre-clinical studies by a two-step dilution refolding method. International Immunopharmacology, 2013, 16, 376-381. | 1.7 | 11 |

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|---|---|---|---|
| 73 | TCF-1 at the Tfh and Th1 Divergence. Trends in Immunology, 2015, 36, 758-760. | 2.9 | 11 |
| 74 | Stereotactic Radiation Therapy Combined With Immunotherapy Against Metastatic Melanoma: Long-Term Results of a Phase 1 Clinical Trial. International Journal of Radiation Oncology Biology Physics, 2020, 108, 150-156. | 0.4 | 11 |
| 75 | CXCR5+CD8+ T Cells Shape Antibody Responses In Vivo Following Protein Immunisation and Peripheral Viral Infection. Frontiers in Immunology, 2021, 12, 626199. | 2.2 | 11 |
| 76 | An optimized method to differentiate mouse follicular helper T cells in vitro. Cellular and Molecular Immunology, 2020, 17, 779-781. | 4.8 | 10 |
| 77 | Chlorinated Flame-Retardant Dechlorane 602 Potentiates Type 2 Innate Lymphoid Cells and Exacerbates Airway Inflammation. Environmental Science & Technology, 2021, 55, 1099-1109. | 4.6 | 10 |
| 78 | T<sub>FH</sub>2 cells associate with enhanced humoral immunity to SARSâ€CoVâ€2 inactivated vaccine in patients with allergic rhinitis. Clinical and Translational Medicine, 2022, 12, e717. | 1.7 | 10 |
| 79 | Context-dependent regulation of follicular helper T cell survival. Trends in Immunology, 2022, 43, 309-321. | 2.9 | 10 |
| 80 | Huangbai Liniment Ameliorates Skin Inflammation in Atopic Dermatitis. Frontiers in Pharmacology, 2021, 12, 726035. | 1.6 | 9 |
| 81 | Human Immunodeficiency Virus Playing Hide-and-Seek: Understanding the TFH Cell Reservoir and Proposing Strategies to Overcome the Follicle Sanctuary. Frontiers in Immunology, 2017, 8, 622. | 2.2 | 8 |
| 82 | Low-dose IL-2 therapy compensates for metabolic shifts and reverses anxiety-like behavior in PD-1 deficiency-induced autoimmunity. Cellular and Molecular Immunology, 2021, 18, 1336-1338. | 4.8 | 7 |
| 83 | Association of low blood arsenic exposure with level of malondialdehyde among Chinese adults aged 65 and older. Science of the Total Environment, 2021, 758, 143638. | 3.9 | 7 |
| 84 | Supranutritional selenium suppresses ROSâ€induced generation of RANKLâ€expressing osteoclastogenic CD4<sup>+</sup> TÂcells and ameliorates rheumatoid arthritis. Clinical and Translational Immunology, 2021, 10, e1338. | 1.7 | 7 |
| 85 | Longevity of vaccine protection: Immunological mechanism, assessment methods, and improving strategy. View, 2022, 3, . | 2.7 | 7 |
| 86 | Blood T-cell profiling in metastatic melanoma patients as a marker for response to immune checkpoint inhibitors combined with radiotherapy. Radiotherapy and Oncology, 2022, 173, 299-305. | 0.3 | 7 |
| 87 | MicroRNAs in Tfh Cells: Micromanaging Inflammaging. Immunity, 2014, 41, 509-511. | 6.6 | 6 |
| 88 | Germinal center T <sub>FH</sub> cells: T(w)o be or not t(w)o be, IL-6 is the answer. Science Immunology, 2019, 4, . | 5.6 | 5 |
| 89 | Understand SLE heterogeneity in the era of omics, big data, and artificial intelligence. Rheumatology & Autoimmunity, 2021, 1, 40-51. | 0.3 | 5 |
| 90 | Ex Vivo Culture Assay to Measure Human Follicular Helper T (Tfh) Cell-Mediated Human B Cell Proliferation and Differentiation. Methods in Molecular Biology, 2018, 1707, 111-119. | 0.4 | 4 |

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|---|---|---|---|
| 91 | Prominent immune signatures of T cells are specifically associated with indolent Bâ€cell lymphoproliferative disorders and predict prognosis. Clinical and Translational Immunology, 2020, 9, e01105. | 1.7 | 4 |
| 92 | Flow cytometric analysis of T lymphocytes and cytokines in aqueous humor of patients with varicella zoster virus-mediated acute retinal necrosis. BMC Ophthalmology, 2021, 21, 193. | 0.6 | 4 |
| 93 | The temporospatial control of Tfh cells. Immunology and Cell Biology, 2014, 92, 20-21. | 1.0 | 3 |
| 94 | The rise of IL-2 therapy â€" a picture beyond Treg cells. Nature Reviews Rheumatology, 2017, 13, 386-386. | 3.5 | 3 |
| 95 | Navigating double negatives: new pathways for regulating TFH differentiation. Nature Immunology, 2014, 15, 597-599. | 7.0 | 2 |
| 96 | Site-Mutation of Hydrophobic Core Residues Synchronically Poise Super Interleukin 2 for Signaling: Identifying Distant Structural Effects through Affordable Computations. International Journal of Molecular Sciences, 2018, 19, 916. | 1.8 | 2 |
| 97 | Tissue-Specific Immunity in Homeostasis and Diseases. Journal of Immunology Research, 2019, 2019, 1-2. | 0.9 | 2 |
| 98 | Roquin Defects Reveal a Role for the MicroRNA Machinery in Regulating Autoimmunity. , 2009, , 261-278. | | 0 |
| 99 | Therapeutic Modulation of T Follicular Helper Cells by Low-Dose IL-2 Treatment. Methods in Molecular Biology, 2022, 2380, 255-265. | 0.4 | 0 |