

# Di Yu

## List of Publications by Year in descending order

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99  
papers

13,375  
citations

71102

41  
h-index

32842

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. <i>Nature</i> , 2009, 461, 1282-1286.	27.8	2,534
2	The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. <i>Immunity</i> , 2009, 31, 457-468.	14.3	1,041
3	Follicular Helper T Cells. <i>Annual Review of Immunology</i> , 2016, 34, 335-368.	21.8	912
4	A RING-type ubiquitin ligase family member required to repress follicular helper T cells and autoimmunity. <i>Nature</i> , 2005, 435, 452-458.	27.8	777
5	IL-21 acts directly on B cells to regulate Bcl-6 expression and germinal center responses. <i>Journal of Experimental Medicine</i> , 2010, 207, 353-363.	8.5	659
6	A Fundamental Role for Interleukin-21 in the Generation of T Follicular Helper Cells. <i>Immunity</i> , 2008, 29, 127-137.	14.3	646
7	Circulating Precursor CCR7 <sup>lo</sup> PD-1 <sup>hi</sup> CXCR5 <sup>+</sup> CD4 <sup>+</sup> T Cells Indicate Tfh Cell Activity and Promote Antibody Responses upon Antigen Reexposure. <i>Immunity</i> , 2013, 39, 770-781.	14.3	571
8	Follicular helper T cells are required for systemic autoimmunity. <i>Journal of Experimental Medicine</i> , 2009, 206, 561-576.	8.5	530
9	Low-dose interleukin-2 treatment selectively modulates CD4 <sup>+</sup> T cell subsets in patients with systemic lupus erythematosus. <i>Nature Medicine</i> , 2016, 22, 991-993.	30.7	457
10	Preparation of Hierarchical Hollow CaCO <sub>3</sub> Particles and the Application as Anticancer Drug Carrier. <i>Journal of the American Chemical Society</i> , 2008, 130, 15808-15810.	13.7	431
11	CXCR5 <sup>+</sup> follicular cytotoxic T cells control viral infection in B cell follicles. <i>Nature Immunology</i> , 2016, 17, 1187-1196.	14.5	385
12	Roquin represses autoimmunity by limiting inducible T-cell co-stimulator messenger RNA. <i>Nature</i> , 2007, 450, 299-303.	27.8	376
13	CXCR5 Expressing Human Central Memory CD4 T Cells and Their Relevance for Humoral Immune Responses. <i>Journal of Immunology</i> , 2011, 186, 5556-5568.	0.8	296
14	B cell priming for extrafollicular antibody responses requires Bcl-6 expression by T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 1377-1388.	8.5	250
15	Efficacy and safety of low-dose IL-2 in the treatment of systemic lupus erythematosus: a randomised, double-blind, placebo-controlled trial. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 141-149.	0.9	223
16	Severe Malaria Infections Impair Germinal Center Responses by Inhibiting T Follicular Helper Cell Differentiation. <i>Cell Reports</i> , 2016, 14, 68-81.	6.4	193
17	Selenium-GPX4 axis protects follicular helper T cells from ferroptosis. <i>Nature Immunology</i> , 2021, 22, 1127-1139.	14.5	158
18	The elusive identity of T follicular helper cells. <i>Trends in Immunology</i> , 2010, 31, 377-383.	6.8	145

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19	Increased glucose metabolic activity is associated with CD4+ T-cell activation and depletion during chronic HIV infection. <i>Aids</i> , 2014, 28, 297-309.	2.2	141
20	Peripheral CD4+ T cell subsets and antibody response in COVID-19 convalescent individuals. <i>Journal of Clinical Investigation</i> , 2020, 130, 6588-6599.	8.2	128
21	T follicular helper cells and T follicular regulatory cells in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2019, 15, 475-490.	8.0	121
22	Roquin-2 Shares Functions with Its Paralog Roquin-1 in the Repression of mRNAs Controlling T Follicular Helper Cells and Systemic Inflammation. <i>Immunity</i> , 2013, 38, 669-680.	14.3	120
23	Potentiating Tissue-Resident Type 2 Innate Lymphoid Cells by IL-33 to Prevent Renal Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 961-976.	6.1	102
24	Macrophage-tumor chimeric exosomes accumulate in lymph node and tumor to activate the immune response and the tumor microenvironment. <i>Science Translational Medicine</i> , 2021, 13, eabb6981.	12.4	84
25	Dramatic regulation of heparanase activity and angiogenesis gene expression in synovium from patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 1590-1600.	6.7	79
26	IL-23 costimulates antigen-specific MAIT cell activation and enables vaccination against bacterial infection. <i>Science Immunology</i> , 2019, 4, .	11.9	75
27	Allergen immunotherapy improves defective follicular regulatory T cells in patients with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 118-128.	2.9	72
28	Memory T Cell RNA Rearrangement Programmed by Heterogeneous Nuclear Ribonucleoprotein hnRNPLL. <i>Immunity</i> , 2008, 29, 863-875.	14.3	71
29	Roles of follicular helper and regulatory T cells in allergic diseases and allergen immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 456-470.	5.7	71
30	The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. <i>FEBS Journal</i> , 2010, 277, 2109-2127.	4.7	69
31	IL-25 Induces M2 Macrophages and Reduces Renal Injury in Proteinuric Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1229-1239.	6.1	69
32	Logic and Extent of miRNA-Mediated Control of Autoimmune Gene Expression. <i>International Reviews of Immunology</i> , 2009, 28, 112-138.	3.3	68
33	Dimensionality reduction by UMAP reinforces sample heterogeneity analysis in bulk transcriptomic data. <i>Cell Reports</i> , 2021, 36, 109442.	6.4	67
34	A Portrait of CXCR5+ Follicular Cytotoxic CD8+ T cells. <i>Trends in Immunology</i> , 2018, 39, 965-979.	6.8	63
35	PTPN2-deficiency exacerbates T follicular helper cell and B cell responses and promotes the development of autoimmunity. <i>Journal of Autoimmunity</i> , 2017, 76, 85-100.	6.5	61
36	Characteristics of Sjogren's syndrome in rheumatoid arthritis. <i>Rheumatology</i> , 2013, 52, 1084-1089.	1.9	59

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37	Follicular helper T cell memory: establishing new frontiers during antibody response. <i>Immunology and Cell Biology</i> , 2014, 92, 57-63.	2.3	58
38	Lineage specification and heterogeneity of T follicular helper cells. <i>Current Opinion in Immunology</i> , 2009, 21, 619-625.	5.5	56
39	Reduction of choroidal neovascularization via cleavable VEGF antibodies conjugated to exosomes derived from regulatory T cells. <i>Nature Biomedical Engineering</i> , 2021, 5, 968-982.	22.5	52
40	Axon growth and guidance genes identify $\alpha$ -dependent germinal centre B cells. <i>Immunology and Cell Biology</i> , 2008, 86, 3-14.	2.3	50
41	MicroRNAs in common diseases and potential therapeutic applications. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 102-107.	1.9	50
42	Biomimetically Engineered $\alpha$ -Bacteria Potentiate Vaccination against Cancer. <i>Advanced Science</i> , 2017, 4, 1700083.	11.2	47
43	Ectopic lymphoid tissues support local immunoglobulin production in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 927-937.	2.9	43
44	<i>APOE</i> $\epsilon$ 4, white matter hyperintensities, and cognition in Alzheimer and Lewy body dementia. <i>Neurology</i> , 2019, 93, e1807-e1819.	1.1	43
45	Emerging Role and Characterization of Immunometabolism: Relevance to HIV Pathogenesis, Serious Non-AIDS Events, and a Cure. <i>Journal of Immunology</i> , 2016, 196, 4437-4444.	0.8	39
46	Correlation of allergen-specific T follicular helper cell counts with specific IgE levels and efficacy of allergen immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 321-324.e10.	2.9	39
47	Evidence for microRNA-mediated regulation in rheumatic diseases. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, i30-i36.	0.9	38
48	Multiple checkpoints keep follicular helper T cells under control to prevent autoimmunity. <i>Cellular and Molecular Immunology</i> , 2010, 7, 198-203.	10.5	37
49	CD23 expression on switched memory B cells bridges $\alpha$ -B cell interaction in allergic rhinitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2599-2612.	5.7	34
50	A pathogenetic role for IL-21 in primary Sjögren syndrome. <i>Nature Reviews Rheumatology</i> , 2015, 11, 368-374.	8.0	33
51	Signal Transducer and Activator of Transcription 3 Hyperactivation Associates With Follicular Helper T Cell Differentiation and Disease Activity in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2018, 9, 1226.	4.8	33
52	Targeting TFH cells in human diseases and vaccination: rationale and practice. <i>Nature Immunology</i> , 2022, 23, 1157-1168.	14.5	33
53	Flow Cytometric Analysis of Circulating Follicular Helper T (Tfh) and Follicular Regulatory T (Tfr) Populations in Human Blood. <i>Methods in Molecular Biology</i> , 2015, 1291, 199-207.	0.9	29
54	T Lymphocytes and Testicular Immunity: A New Insight into Immune Regulation in Testes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 57.	4.1	28

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55	T-Cell-Specific PTPN2 Deficiency in NOD Mice Accelerates the Development of Type 1 Diabetes and Autoimmune Comorbidities. <i>Diabetes</i> , 2019, 68, 1251-1266.	0.6	27
56	Follicular helper T cells in type 1 diabetes. <i>FASEB Journal</i> , 2020, 34, 30-40.	0.5	27
57	The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. <i>Nature Communications</i> , 2021, 12, 3073.	12.8	27
58	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 1026-1038.	5.6	26
59	Role of allergen-specific T-follicular helper cells in immunotherapy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2018, 18, 495-501.	2.3	24
60	Low-dose IL-2 therapy invigorates CD8+ T cells for viral control in systemic lupus erythematosus. <i>PLoS Pathogens</i> , 2021, 17, e1009858.	4.7	23
61	Heparanase in primary human osteoblasts. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1315-1322.	2.3	22
62	High levels of soluble CD25 in COVID-19 severity suggest a divergence between anti-viral and pro-inflammatory T cell responses. <i>Clinical and Translational Immunology</i> , 2021, 10, e1251.	3.8	22
63	Combined Blockade of Smad3 and JNK Pathways Ameliorates Progressive Fibrosis in Folic Acid Nephropathy. <i>Frontiers in Pharmacology</i> , 2019, 10, 880.	3.5	20
64	Iron-dependent epigenetic modulation promotes pathogenic T cell differentiation in lupus. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	18
65	Inflammation and Lymphopenia Trigger Autoimmunity by Suppression of IL-2-Controlled Regulatory T Cell and Increase of IL-2-Mediated Effector T Cell Expansion. <i>Journal of Immunology</i> , 2014, 193, 4845-4858.	0.8	17
66	Defective STING expression potentiates IL-13 signaling in epithelial cells in eosinophilic chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1692-1703.	2.9	17
67	Sustained low-dose interleukin-2 therapy alleviates pathogenic humoral immunity via elevating the Tfr/Tfh ratio in lupus. <i>Clinical and Translational Immunology</i> , 2021, 10, e1293.	3.8	16
68	Serum Metabolic Profile Alteration Reveals Response to Platinum-Based Combination Chemotherapy for Lung Cancer: Sensitive Patients Distinguished from Insensitive ones. <i>Scientific Reports</i> , 2017, 7, 17524.	3.3	14
69	Control of lymphocyte homeostasis and effector function by the aryl hydrocarbon receptor. <i>International Immunopharmacology</i> , 2015, 28, 818-824.	3.8	13
70	pH and Proton Sensor GPR65 Determine Susceptibility to Atopic Dermatitis. <i>Journal of Immunology</i> , 2021, 207, 101-109.	0.8	13
71	Extrafollicular PD-1 <sup>high</sup> CXCR5 <sup>+</sup> CD4 <sup>+</sup> T cells participate in local immunoglobulin production in nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 610-623.	2.9	13
72	Efficient production of recombinant IL-21 proteins for pre-clinical studies by a two-step dilution refolding method. <i>International Immunopharmacology</i> , 2013, 16, 376-381.	3.8	11

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73	TCF-1 at the Tfh and Th1 Divergence. Trends in Immunology, 2015, 36, 758-760.	6.8	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.	0.8	11
75	CXCR5+CD8+ T Cells Shape Antibody Responses In Vivo Following Protein Immunisation and Peripheral Viral Infection. Frontiers in Immunology, 2021, 12, 626199.	4.8	11
76	An optimized method to differentiate mouse follicular helper T cells in vitro. Cellular and Molecular Immunology, 2020, 17, 779-781.	10.5	10
77	Chlorinated Flame-Retardant Dechlorane 602 Potentiates Type 2 Innate Lymphoid Cells and Exacerbates Airway Inflammation. Environmental Science & Technology, 2021, 55, 1099-1109.	10.0	10
78	T <sub>FH</sub> <sup>2</sup> cells associate with enhanced humoral immunity to SARS-CoV-2 inactivated vaccine in patients with allergic rhinitis. Clinical and Translational Medicine, 2022, 12, e717.	4.0	10
79	Context-dependent regulation of follicular helper T cell survival. Trends in Immunology, 2022, 43, 309-321.	6.8	10
80	Huangbai Liniment Ameliorates Skin Inflammation in Atopic Dermatitis. Frontiers in Pharmacology, 2021, 12, 726035.	3.5	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.	4.8	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.	10.5	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.	8.0	7
84	Supranutritional selenium suppresses ROS-induced generation of RANKL-expressing osteoclastogenic CD4 <sup>+</sup> T cells and ameliorates rheumatoid arthritis. Clinical and Translational Immunology, 2021, 10, e1338.	3.8	7
85	Longevity of vaccine protection: Immunological mechanism, assessment methods, and improving strategy. View, 2022, 3, .	5.3	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.	0.6	7
87	MicroRNAs in Tfh Cells: Micromanaging Inflammation. Immunity, 2014, 41, 509-511.	14.3	6
88	Germinal center T <sub>FH</sub> cells: T(w) or not t(w) or be, IL-6 is the answer. Science Immunology, 2019, 4, .	11.9	5
89	Understand SLE heterogeneity in the era of omics, big data, and artificial intelligence. Rheumatology & Autoimmunity, 2021, 1, 40-51.	0.8	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.	0.9	4

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91	Prominent immune signatures of T cells are specifically associated with indolent Bâ€cell lymphoproliferative disorders and predict prognosis. <i>Clinical and Translational Immunology</i> , 2020, 9, e01105.	3.8	4
92	Flow cytometric analysis of T lymphocytes and cytokines in aqueous humor of patients with varicella zoster virus-mediated acute retinal necrosis. <i>BMC Ophthalmology</i> , 2021, 21, 193.	1.4	4
93	The temporospatial control of Tfh cells. <i>Immunology and Cell Biology</i> , 2014, 92, 20-21.	2.3	3
94	The rise of IL-2 therapy â€” a picture beyond Treg cells. <i>Nature Reviews Rheumatology</i> , 2017, 13, 386-386.	8.0	3
95	Navigating double negatives: new pathways for regulating TFH differentiation. <i>Nature Immunology</i> , 2014, 15, 597-599.	14.5	2
96	Site-Mutation of Hydrophobic Core Residues Synchronically Poise Super Interleukin 2 for Signaling: Identifying Distant Structural Effects through Affordable Computations. <i>International Journal of Molecular Sciences</i> , 2018, 19, 916.	4.1	2
97	Tissue-Specific Immunity in Homeostasis and Diseases. <i>Journal of Immunology Research</i> , 2019, 2019, 1-2.	2.2	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. <i>Methods in Molecular Biology</i> , 2022, 2380, 255-265.	0.9	0