

Shiv Pillai

List of Publications by Year in descending order

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115
papers

10,010
citations

53794

45
h-index

37204

96
g-index

197
all docs

197
docs citations

197
times ranked

12430
citing authors

#	ARTICLE	IF	CITATIONS
1	IgG4-related disease. <i>Lancet</i> , The, 2015, 385, 1460-1471.	13.7	975
2	Loss of Bcl-6-Expressing T Follicular Helper Cells and Germinal Centers in COVID-19. <i>Cell</i> , 2020, 183, 143-157.e13.	28.9	599
3	IgG4-Related Disease: Clinical and Laboratory Features in One Hundred Twenty-Five Patients. <i>Arthritis and Rheumatology</i> , 2015, 67, 2466-2475.	5.6	463
4	Peripheral B cell subsets. <i>Current Opinion in Immunology</i> , 2008, 20, 149-157.	5.5	450
5	The follicular versus marginal zone B lymphocyte cell fate decision. <i>Nature Reviews Immunology</i> , 2009, 9, 767-777.	22.7	446
6	MARGINAL ZONE B CELLS. <i>Annual Review of Immunology</i> , 2005, 23, 161-196.	21.8	421
7	Plasmablasts as a biomarker for IgG4-related disease, independent of serum IgG4 concentrations. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 190-195.	0.9	409
8	The Follicular versus Marginal Zone B Lymphocyte Cell Fate Decision Is Regulated by Aiolos, Btk, and CD21. <i>Immunity</i> , 2001, 14, 603-615.	14.3	320
9	Siglecs and Immune Regulation. <i>Annual Review of Immunology</i> , 2012, 30, 357-392.	21.8	306
10	Clonal expansion of CD4+ cytotoxic T lymphocytes in patients with IgG4-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 825-838.	2.9	306
11	De novo oligoclonal expansions of circulating plasmablasts in active and relapsing IgG4-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 679-687.	2.9	302
12	Aiolos Regulates B Cell Activation and Maturation to Effector State. <i>Immunity</i> , 1998, 9, 543-553.	14.3	297
13	B Lymphocytes and Cancer: A Love-Hate Relationship. <i>Trends in Cancer</i> , 2016, 2, 747-757.	7.4	284
14	Prevalence of atopy, eosinophilia, and IgE elevation in IgG4-related disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 269-272.	5.7	240
15	NK T cells provide lipid antigen-specific cognate help for B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8339-8344.	7.1	205
16	Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	170
17	Nuclear Factor κ B Is Required for the Development of Marginal Zone B Lymphocytes. <i>Journal of Experimental Medicine</i> , 2000, 192, 1175-1182.	8.5	151
18	Predictors of disease relapse in IgG4-related disease following rituximab. <i>Rheumatology</i> , 2016, 55, 1000-1008.	1.9	151

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19	Functionally defective germline variants of sialic acid acetyltransferase in autoimmunity. <i>Nature</i> , 2010, 466, 243-247.	27.8	150
20	Identification of galectin-3 as an autoantigen in patients with IgG4-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 736-745.e6.	2.9	123
21	B-cell depletion attenuates serological biomarkers of fibrosis and myofibroblast activation in IgG4-related disease. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 2236-2243.	0.9	120
22	B cell antigen receptor signal strength and peripheral B cell development are regulated by a 9-O-acetyl sialic acid esterase. <i>Journal of Experimental Medicine</i> , 2009, 206, 125-138.	8.5	116
23	Viewing Siglecs through the lens of tumor immunology. <i>Immunological Reviews</i> , 2017, 276, 178-191.	6.0	115
24	Perisinusoidal B Cells in the Bone Marrow Participate in T-Independent Responses to Blood-Borne Microbes. <i>Immunity</i> , 2005, 23, 397-407.	14.3	110
25	Positive selection and lineage commitment during peripheral B-lymphocyte development. <i>Immunological Reviews</i> , 2004, 197, 206-218.	6.0	107
26	Antigen-dependent B-cell development. <i>Current Opinion in Immunology</i> , 2002, 14, 241-249.	5.5	106
27	SnapShot: COVID-19. <i>Cell</i> , 2020, 181, 954-954.e1.	28.9	106
28	Cytotoxic CD4+ T lymphocytes may induce endothelial cell apoptosis in systemic sclerosis. <i>Journal of Clinical Investigation</i> , 2020, 130, 2451-2464.	8.2	106
29	B cells and autoimmunity. <i>Current Opinion in Immunology</i> , 2011, 23, 721-731.	5.5	103
30	Regulation of Nuclear Localization and Transcriptional Activity of TFIIH by Bruton's Tyrosine Kinase. <i>Molecular and Cellular Biology</i> , 1999, 19, 5014-5024.	2.3	100
31	The Chosen Few? Positive Selection and the Generation of Naive B Lymphocytes. <i>Immunity</i> , 1999, 10, 493-502.	14.3	99
32	Naive recirculating B cells mature simultaneously in the spleen and bone marrow. <i>Blood</i> , 2007, 109, 2339-2345.	1.4	94
33	Clonally expanded cytotoxic CD4 ⁺ T cells and the pathogenesis of IgG4-related disease. <i>Autoimmunity</i> , 2017, 50, 19-24.	2.6	91
34	A CD4 ⁺ Subset of CD4 ⁺ SLAMF7 ⁺ Cytotoxic T Cells Is Expanded in Patients With IgG4-Related Disease and Decreases Following Glucocorticoid Treatment. <i>Arthritis and Rheumatology</i> , 2018, 70, 1133-1143.	5.6	87
35	B lymphocytes directly contribute to tissue fibrosis in patients with IgG4-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 968-981.e14.	2.9	85
36	The Recirculating B Cell Pool Contains Two Functionally Distinct, Long-Lived, Posttransitional, Follicular B Cell Populations. <i>Journal of Immunology</i> , 2007, 179, 2270-2281.	0.8	79

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37	Sialic acids and autoimmune disease. <i>Immunological Reviews</i> , 2016, 269, 145-161.	6.0	77
38	Hypoxia drives transient site-specific copy gain and drug-resistant gene expression. <i>Genes and Development</i> , 2015, 29, 1018-1031.	5.9	72
39	Synergism between NF- κ B1/p50 and Notch2 during the Development of Marginal Zone B Lymphocytes. <i>Journal of Immunology</i> , 2007, 179, 195-200.	0.8	68
40	Rethinking mechanisms of autoimmune pathogenesis. <i>Journal of Autoimmunity</i> , 2013, 45, 97-103.	6.5	67
41	Striking Immune Phenotypes in Gene-Targeted Mice Are Driven by a Copy-Number Variant Originating from a Commercially Available C57BL/6 Strain. <i>Cell Reports</i> , 2016, 15, 1901-1909.	6.4	65
42	The expansion in lymphoid organs of IL-4 ⁺ BATF ⁺ T follicular helper cells is linked to IgG4 class switching in vivo. <i>Life Science Alliance</i> , 2018, 1, e201800050.	2.8	58
43	Protein Kinase C-associated Kinase (PKK), a Novel Membrane-associated, Ankyrin Repeat-containing Protein Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 21737-21744.	3.4	57
44	CD4 ⁺ and CD8 ⁺ cytotoxic T lymphocytes may induce mesenchymal cell apoptosis in IgG4-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 368-382.	2.9	53
45	Systemic sclerosis and the COVID-19 pandemic: World Scleroderma Foundation preliminary advice for patient management. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 724-726.	0.9	51
46	Emerging Treatment Models in Rheumatology: IgG4-Related Disease: Insights Into Human Immunology and Targeted Therapies. <i>Arthritis and Rheumatology</i> , 2017, 69, 1722-1732.	5.6	46
47	Esterases and autoimmunity: the sialic acid acetyltransferase pathway and the regulation of peripheral B cell tolerance. <i>Trends in Immunology</i> , 2009, 30, 488-493.	6.8	43
48	IgG4-related midline destructive lesion. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1434-1436.	0.9	43
49	A unique B2 B cell subset in the intestine. <i>Journal of Experimental Medicine</i> , 2008, 205, 1343-1355.	8.5	39
50	Disease Severity Linked to Increase in Autoantibody Diversity in IgG4-Related Disease. <i>Arthritis and Rheumatology</i> , 2020, 72, 687-693.	5.6	38
51	Temporal changes in T cell subsets and expansion of cytotoxic CD4 ⁺ T cells in the lungs in severe COVID-19. <i>Clinical Immunology</i> , 2022, 237, 108991.	3.2	36
52	Induction of metabolic quiescence defines the transitional to follicular B cell switch. <i>Science Signaling</i> , 2019, 12, .	3.6	35
53	Innate-like self-reactive B cells infiltrate human renal allografts during transplant rejection. <i>Nature Communications</i> , 2021, 12, 4372.	12.8	34
54	The CD9 Tetraspanin Is Not Required for the Development of Peripheral B Cells or for Humoral Immunity. <i>Journal of Immunology</i> , 2005, 175, 2925-2930.	0.8	33

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55	T and B lymphocytes in fibrosis and systemic sclerosis. <i>Current Opinion in Rheumatology</i> , 2019, 31, 576-581.	4.3	31
56	Immune mechanisms of fibrosis and inflammation in IgG4-related disease. <i>Current Opinion in Rheumatology</i> , 2020, 32, 146-151.	4.3	31
57	Protein Kinase C-associated Kinase Can Activate NF κ B in Both a Kinase-dependent and a Kinase-independent Manner. <i>Journal of Biological Chemistry</i> , 2003, 278, 21526-21533.	3.4	30
58	Impaired receptor editing and heterozygous RAG2 mutation in a patient with systemic lupus erythematosus and erosive arthritis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 272-273.	2.9	30
59	High-Frequency, Functional HIV-Specific T-Follicular Helper and Regulatory Cells Are Present Within Germinal Centers in Children but Not Adults. <i>Frontiers in Immunology</i> , 2018, 9, 1975.	4.8	29
60	Congruent microbiome signatures in fibrosis-prone autoimmune diseases: IgG4-related disease and systemic sclerosis. <i>Genome Medicine</i> , 2021, 13, 35.	8.2	26
61	Defective proliferative responses in B lymphocytes and thymocytes that lack neurofibromin. <i>Molecular Immunology</i> , 2002, 38, 701-708.	2.2	25
62	B lymphocytes contribute to stromal reaction in pancreatic ductal adenocarcinoma. <i>Oncolmmunology</i> , 2020, 9, 1794359.	4.6	25
63	SARS-CoV-2 epitope-specific CD4 ⁺ memory T cell responses across COVID-19 disease severity and antibody durability. <i>Science Immunology</i> , 2022, 7, .	11.9	25
64	The bone marrow perisinusoidal niche for recirculating B cells and the positive selection of bone marrow-derived B lymphocytes. <i>Immunology and Cell Biology</i> , 2009, 87, 16-19.	2.3	24
65	Idiopathic pulmonary fibrosis and systemic sclerosis: pathogenic mechanisms and therapeutic interventions. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5527-5542.	5.4	22
66	Distinct disease-specific Tfh cell populations in 2 different fibrotic diseases: IgG4-related disease and Kimura disease. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 440-455.e17.	2.9	22
67	A Catalytically Inactive Form of Protein Kinase C-Associated Kinase/Receptor Interacting Protein 4, a Protein Kinase C δ -Associated Kinase That Mediates NF κ B Activation, Interferes with Early B Cell Development. <i>Journal of Immunology</i> , 2003, 171, 1875-1880.	0.8	21
68	I κ B Kinase β (IKKB) Mutations in Lymphomas That Constitutively Activate Canonical Nuclear Factor κ B (NF κ B) Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 26960-26972.	3.4	20
69	The Loss of Bcl-6 Expressing T Follicular Helper Cells and the Absence of Germinal Centers in COVID-19. <i>SSRN Electronic Journal</i> , 2020, , 3652322.	0.4	20
70	Lymphocyte subset abnormalities in early diffuse cutaneous systemic sclerosis. <i>Arthritis Research and Therapy</i> , 2021, 23, 10.	3.5	18
71	Inhibition of Phosphorylation of ERK in CLL Cells Pre-Treatment Correlates Best with Response to Dasatinib, Fludarabine, and Rituximab for Patients with Relapsed CLL. <i>Blood</i> , 2014, 124, 3636-3636.	1.4	18
72	CD4 ⁺ CTLs in Fibrosing Mediastinitis Linked to <i>Histoplasma capsulatum</i> . <i>Journal of Immunology</i> , 2021, 206, 524-530.	0.8	17

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73	SARS-CoV-2 vaccination washes away original antigenic sin. <i>Trends in Immunology</i> , 2022, 43, 271-273.	6.8	17
74	Abatacept in IgG4-related disease: a prospective, open-label, single-arm, single-centre, proof-of-concept study. <i>Lancet Rheumatology</i> , The, 2022, 4, e105-e112.	3.9	16
75	Ig Knock-In Mice Producing Anti-Carbohydrate Antibodies: Breakthrough of B Cells Producing Low Affinity Anti-Self Antibodies. <i>Journal of Immunology</i> , 2008, 180, 3839-3848.	0.8	15
76	M89V Sialic Acid Acetyl Esterase (SIAE) and All Other Non-Synonymous Common Variants of This Gene Are Catalytically Normal. <i>PLoS ONE</i> , 2013, 8, e53453.	2.5	15
77	B1a and B2 cells are characterized by distinct CpG modification states at DNMT3A-maintained enhancers. <i>Nature Communications</i> , 2021, 12, 2208.	12.8	14
78	Birth pangs: the stressful origins of lymphocytes. <i>Journal of Clinical Investigation</i> , 2005, 115, 224-227.	8.2	14
79	Accelerated Proteasomal Degradation of Membrane Ig Heavy Chains. <i>Journal of Immunology</i> , 2000, 164, 4713-4719.	0.8	13
80	The Mst1 Kinase Is Required for Follicular B Cell Homing and B-1 B Cell Development. <i>Frontiers in Immunology</i> , 2018, 9, 2393.	4.8	13
81	Two Lymphoid Roads Divergeâ€” but Does Antigen Bate B Cells to Take the Road Less Traveled?. <i>Immunity</i> , 2005, 23, 242-244.	14.3	12
82	Response to Severe Acute Respiratory Syndrome Coronavirus 2 Initial Series and Additional Dose Vaccine in Patients With Predominant Antibody Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 1622-1634.e4.	3.8	12
83	Alterations in sialic-acid <i>O</i> -acetylation glycoforms during murine erythrocyte development. <i>Glycobiology</i> , 2019, 29, 222-228.	2.5	11
84	Immunoglobulin Transport in B Cell Development. <i>International Review of Cytology</i> , 1991, 130, 1-36.	6.2	10
85	Tec kinase pathways in lymphocyte development and transformation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2002, 1602, 162-167.	7.4	10
86	Mer tyrosine kinaseâ€”as a possible link between resolution of inflammation and tissue fibrosis in IgG4-related disease. <i>Rheumatology</i> , 2021, 60, 4929-4941.	1.9	10
87	Editorial: Cytotoxic CD4+ T Cells in Viral Infections. <i>Frontiers in Immunology</i> , 2017, 8, 1729.	4.8	9
88	DOCK2 Sets the Threshold for Entry into the Virtual Memory CD8+ T Cell Compartment by Negatively Regulating Tonic TCR Triggering. <i>Journal of Immunology</i> , 2020, 204, 49-57.	0.8	9
89	IgG4-related disease: Association with a rare gene variant expressed in cytotoxic T cells. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e686.	1.2	8
90	Now you know your ABCs. <i>Blood</i> , 2011, 118, 1187-1188.	1.4	6

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91	Protein kinase C-associated kinase is not required for the development of peripheral B lymphocyte populations. <i>Molecular Immunology</i> , 2006, 43, 1694-1699.	2.2	3
92	Treating life-threatening TAFRO syndrome with interleukin-1 inhibition. <i>European Journal of Internal Medicine</i> , 2021, 87, 121-123.	2.2	3
93	IgG Glycosylation Is Programmed and Remembered after Immunization with TLR Stimulating Adjuvants. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A65-A65.	1.1	2
94	A mastermind revealed. <i>Blood</i> , 2004, 104, 1593-1593.	1.4	1
95	IgG4-Related Disease. , 2017, , 2026-2036.		1
96	9-O-acetyl sialic acid levels identify committed progenitors of plasmacytoid dendritic cells. <i>Glycobiology</i> , 2019, 29, 861-875.	2.5	1
97	The (inner) world according to GARP: Genetic susceptibility and regulatory T cells. <i>Science Immunology</i> , 2020, 5, .	11.9	1
98	Integrating Current Thinking on Peripheral B-Cell Tolerance in Lupus. , 2016, , 121-126.		1
99	JAKing up resistance to immunotherapy. <i>Science Immunology</i> , 2017, 2, .	11.9	1
100	Sugar Mommy. <i>Science Immunology</i> , 2019, 4, .	11.9	1
101	Sub-optimal Humoral immunity in SARS CoV-2 infection and viral variant generation. <i>Clinics in Laboratory Medicine</i> , 2021, 42, 75-84.	1.4	1
102	Complete nucleotide sequence of MHC class I alleles in the HT29 colon cancer cell line. <i>Tissue Antigens</i> , 1993, 42, 530-532.	1.0	0
103	Reply. <i>Arthritis and Rheumatology</i> , 2020, 72, 1585-1586.	5.6	0
104	Inhibition Of Lyn and Syk By Treatment With Dasatinib, Fludarabine, and Rituximab Correlates With Apoptosis and Clinical Response In Patients With Relapsed CLL. <i>Blood</i> , 2013, 122, 5300-5300.	1.4	0
105	B Cell Tolerance. , 2014, , 160-162.		0
106	Marginal Zone B Cell Development. , 2016, , 100-104.		0
107	Nurture trumps nature!. <i>Science Immunology</i> , 2017, 2, .	11.9	0
108	Turning Charon around on the Styx?. <i>Science Immunology</i> , 2017, 2, .	11.9	0

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109	Getting with the program in type 1 diabetes mellitus. Science Immunology, 2018, 3, .	11.9	0
110	The right angle on IL-2 therapy. Science Immunology, 2018, 3, .	11.9	0
111	Young and restless killer T cells keep infections at bay. Science Immunology, 2018, 3, .	11.9	0
112	The depth of mutational agony and the exuberance of tumoral T cell ecstasy predict checkpoint salvation. Science Immunology, 2018, 3, .	11.9	0
113	Luring T cells into a gray area. Science Immunology, 2019, 4, .	11.9	0
114	Winning with the B team?. Science Immunology, 2020, 5, .	11.9	0
115	T _H 17 cells in multiple sclerosis dislodge another brick in the wall. Science Immunology, 2022, 7, eabo2989.	11.9	0