

# Ana C Anderson

## List of Publications by Year in descending order

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71  
papers

16,063  
citations

50276

46  
h-index

95266

68  
g-index

73  
all docs

73  
docs citations

73  
times ranked

18705  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tim-3 ligand galectin-9 negatively regulates T helper type 1 immunity. <i>Nature Immunology</i> , 2005, 6, 1245-1252.	14.5	1,697
2	Targeting Tim-3 and PD-1 pathways to reverse T cell exhaustion and restore anti-tumor immunity. <i>Journal of Experimental Medicine</i> , 2010, 207, 2187-2194.	8.5	1,652
3	Lag-3, Tim-3, and TIGIT: Co-inhibitory Receptors with Specialized Functions in Immune Regulation. <i>Immunity</i> , 2016, 44, 989-1004.	14.3	1,538
4	Cooperation of Tim-3 and PD-1 in CD8 T-cell exhaustion during chronic viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14733-14738.	7.1	697
5	Promotion of Tissue Inflammation by the Immune Receptor Tim-3 Expressed on Innate Immune Cells. <i>Science</i> , 2007, 318, 1141-1143.	12.6	623
6	Coexpression of Tim-3 and PD-1 identifies a CD8+ T-cell exhaustion phenotype in mice with disseminated acute myelogenous leukemia. <i>Blood</i> , 2011, 117, 4501-4510.	1.4	554
7	TIM3 comes of age as an inhibitory receptor. <i>Nature Reviews Immunology</i> , 2020, 20, 173-185.	22.7	535
8	CEACAM1 regulates TIM-3-mediated tolerance and exhaustion. <i>Nature</i> , 2015, 517, 386-390.	27.8	525
9	TIGIT predominantly regulates the immune response via regulatory T cells. <i>Journal of Clinical Investigation</i> , 2015, 125, 4053-4062.	8.2	470
10	Checkpoint Blockade Immunotherapy Induces Dynamic Changes in PD-1 <sup>hi</sup> CD8 <sup>+</sup> Tumor-Infiltrating T Cells. <i>Immunity</i> , 2019, 50, 181-194.e6.	14.3	424
11	Role of Th1 and Th17 cells in organ-specific autoimmunity. <i>Journal of Autoimmunity</i> , 2008, 31, 252-256.	6.5	371
12	<scp>TIGIT</scp> and <scp>CD</scp>96: new checkpoint receptor targets for cancer immunotherapy. <i>Immunological Reviews</i> , 2017, 276, 112-120.	6.0	351
13	T CELL RESPONSE IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS (EAE): Role of Self and Cross-Reactive Antigens in Shaping, Tuning, and Regulating the Autopathogenic T Cell Repertoire. <i>Annual Review of Immunology</i> , 2002, 20, 101-123.	21.8	336
14	Induction and transcriptional regulation of the co-inhibitory gene module in T cells. <i>Nature</i> , 2018, 558, 454-459.	27.8	336
15	Reversal of NK-Cell Exhaustion in Advanced Melanoma by Tim-3 Blockade. <i>Cancer Immunology Research</i> , 2014, 2, 410-422.	3.4	322
16	A Distinct Gene Module for Dysfunction Uncoupled from Activation in Tumor-Infiltrating T Cells. <i>Cell</i> , 2016, 166, 1500-1511.e9.	28.9	315
17	CD11b <sup>+</sup> Ly-6Chi Suppressive Monocytes in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2007, 179, 5228-5237.	0.8	313
18	Bat3 promotes T cell responses and autoimmunity by repressing Tim-3-mediated cell death and exhaustion. <i>Nature Medicine</i> , 2012, 18, 1394-1400.	30.7	303

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19	Tim-3: An Emerging Target in the Cancer Immunotherapy Landscape. <i>Cancer Immunology Research</i> , 2014, 2, 393-398.	3.4	278
20	High Frequency of Autoreactive Myelin Proteolipid Protein-Specific T Cells in the Periphery of Naive Mice. <i>Journal of Experimental Medicine</i> , 2000, 191, 761-770.	8.5	254
21	TIM3 <sup>+</sup> FOXP3 <sup>+</sup> regulatory T cells are tissue-specific promoters of T-cell dysfunction in cancer. <i>Oncolmunology</i> , 2013, 2, e23849.	4.6	251
22	Galectin-9-CD44 Interaction Enhances Stability and Function of Adaptive Regulatory T Cells. <i>Immunity</i> , 2014, 41, 270-282.	14.3	249
23	Tim-3/Galectin-9 Pathway: Regulation of Th1 Immunity through Promotion of CD11b+Ly-6G+ Myeloid Cells. <i>Journal of Immunology</i> , 2010, 185, 1383-1392.	0.8	243
24	Emerging Tim-3 functions in antimicrobial and tumor immunity. <i>Trends in Immunology</i> , 2011, 32, 345-349.	6.8	215
25	IL-1 $\beta$ Promotes Antimicrobial Immunity in Macrophages by Regulating TNFR Signaling and Caspase-3 Activation. <i>Journal of Immunology</i> , 2013, 190, 4196-4204.	0.8	180
26	PD-1 and Tim-3 Regulate the Expansion of Tumor Antigen-Specific CD8+ T Cells Induced by Melanoma Vaccines. <i>Cancer Research</i> , 2014, 74, 1045-1055.	0.9	179
27	An IL-27/NFIL3 signalling axis drives Tim-3 and IL-10 expression and T-cell dysfunction. <i>Nature Communications</i> , 2015, 6, 6072.	12.8	169
28	TIM-3 restrains anti-tumour immunity by regulating inflammasome activation. <i>Nature</i> , 2021, 595, 101-106.	27.8	169
29	Tim3 binding to galectin-9 stimulates antimicrobial immunity. <i>Journal of Experimental Medicine</i> , 2010, 207, 2343-2354.	8.5	165
30	T and B cell hyperactivity and autoimmunity associated with niche-specific defects in apoptotic body clearance in TIM-4-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8706-8711.	7.1	163
31	TIM3 Mediates T Cell Exhaustion during Mycobacterium tuberculosis Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005490.	4.7	147
32	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. <i>Cell</i> , 2021, 184, 6262-6280.e26.	28.9	125
33	New roles for TIM family members in immune regulation. <i>Nature Reviews Immunology</i> , 2008, 8, 577-580.	22.7	121
34	Consensus nomenclature for CD8 <sup>+</sup> T cell phenotypes in cancer. <i>Oncolmunology</i> , 2015, 4, e998538.	4.6	119
35	Functional Anti-TIGIT Antibodies Regulate Development of Autoimmunity and Antitumor Immunity. <i>Journal of Immunology</i> , 2018, 200, 3000-3007.	0.8	118
36	Differential engagement of Tim-1 during activation can positively or negatively costimulate T cell expansion and effector function. <i>Journal of Experimental Medicine</i> , 2007, 204, 1691-1702.	8.5	117

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37	TIM-3 and Its Regulatory Role in Immune Responses. <i>Current Topics in Microbiology and Immunology</i> , 2010, 350, 1-15.	1.1	114
38	Tbet, a Th1 transcription factor regulates the expression of Tim3. <i>European Journal of Immunology</i> , 2010, 40, 859-866.	2.9	98
39	Endogenous Glucocorticoid Signaling Regulates CD8+ T Cell Differentiation and Development of Dysfunction in the Tumor Microenvironment. <i>Immunity</i> , 2020, 53, 658-671.e6.	14.3	98
40	TIM-4 Expressed on APCs Induces T Cell Expansion and Survival. <i>Journal of Immunology</i> , 2008, 180, 4706-4713.	0.8	96
41	TIM-3 in autoimmunity. <i>Current Opinion in Immunology</i> , 2006, 18, 665-669.	5.5	92
42	Immune checkpoints in central nervous system autoimmunity. <i>Immunological Reviews</i> , 2012, 248, 122-139.	6.0	90
43	Blockade of Tim-3 binding to phosphatidylserine and CEACAM1 is a shared feature of anti-Tim-3 antibodies that have functional efficacy. <i>Oncotmmunology</i> , 2018, 7, e1385690.	4.6	80
44	Coinhibitory receptors and CD8 T cell exhaustion in chronic infections. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 439-445.	3.8	64
45	A Transgenic Model of Central Nervous System Autoimmunity Mediated by CD4+ and CD8+ T and B Cells. <i>Journal of Immunology</i> , 2012, 188, 2084-2092.	0.8	59
46	An IL-27-Driven Transcriptional Network Identifies Regulators of IL-10 Expression across T Helper Cell Subsets. <i>Cell Reports</i> , 2020, 33, 108433.	6.4	54
47	The Notch Regulator Numb Links the Notch and TCR Signaling Pathways. <i>Journal of Immunology</i> , 2005, 174, 890-897.	0.8	53
48	IL-10 Plays an Important Role in the Homeostatic Regulation of the Autoreactive Repertoire in Naive Mice. <i>Journal of Immunology</i> , 2004, 173, 828-834.	0.8	47
49	Contrasting acute graft-versus-host disease effects of Tim-3/galectin-9 pathway blockade dependent upon the presence of donor regulatory T cells. <i>Blood</i> , 2012, 120, 682-690.	1.4	47
50	Differential IL-21 signaling in APCs leads to disparate Th17 differentiation in diabetes-susceptible NOD and diabetes-resistant NOD.Idd3 mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 4303-4310.	8.2	46
51	Notch signaling in lymphocyte development. <i>Current Opinion in Genetics and Development</i> , 2001, 11, 554-560.	3.3	45
52	Up-Regulation of Gene Related to Anergy in Lymphocytes Is Associated with Notch-Mediated Human T Cell Suppression. <i>Journal of Immunology</i> , 2007, 178, 6158-6163.	0.8	44
53	Tuning T cell activation threshold and effector function with cross-reactive peptide ligands. <i>International Immunology</i> , 2000, 12, 205-213.	4.0	40
54	Differentiated agonistic antibody targeting CD137 eradicates large tumors without hepatotoxicity. <i>JCI Insight</i> , 2020, 5, .	5.0	30

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55	Expression of Self-antigen in the Thymus. <i>Journal of Experimental Medicine</i> , 2003, 198, 1627-1629.	8.5	29
56	Male sex chromosomal complement exacerbates the pathogenicity of Th17 cells in a chronic model of central nervous system autoimmunity. <i>Cell Reports</i> , 2021, 34, 108833.	6.4	29
57	Impairment of Thymocyte Development by Dominant-Negative Kuzbanian (ADAM-10) Is Rescued by the Notch Ligand, Delta-1. <i>Journal of Immunology</i> , 2005, 174, 6732-6741.	0.8	26
58	Tim-3 mediates T cell trogocytosis to limit antitumor immunity. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	25
59	Tim-3 adapter protein Bat3 acts as an endogenous regulator of tolerogenic dendritic cell function. <i>Science Immunology</i> , 2022, 7, eabm0631.	11.9	22
60	Autoantigen-Responsive T Cell Clones Demonstrate Unfocused TCR Cross-Reactivity toward Multiple Related Ligands: Implications for Autoimmunity. <i>Cellular Immunology</i> , 2000, 202, 88-96.	3.0	19
61	Cutting Edge: The <i>Idd3</i> Genetic Interval Determines Regulatory T Cell Function through CD11b+CD11c <sup>hi</sup> APC. <i>Journal of Immunology</i> , 2008, 181, 7449-7452.	0.8	18
62	PD-L1+ and XCR1+ dendritic cells are region-specific regulators of gut homeostasis. <i>Nature Communications</i> , 2021, 12, 4907.	12.8	18
63	Presence of Tim <sup>3</sup> and PD-1 <sup>hi</sup> CD8 <sup>+</sup> T cells identifies microsatellite stable colorectal carcinomas with immune exhaustion and distinct clinicopathological features. <i>Journal of Pathology</i> , 2022, 257, 186-197.	4.5	13
64	Modulation of CD4 co-receptor limits spontaneous autoimmunity when high-affinity transgenic TCR specific for self-antigen is expressed on a genetically resistant background. <i>International Immunology</i> , 2007, 19, 1235-1248.	4.0	10
65	Tim Protein Structures Reveal a Unique Face for Ligand Binding. <i>Immunity</i> , 2007, 26, 273-275.	14.3	10
66	Revolutionizing Cancer Immunology: The Power of Next-Generation Sequencing Technologies. <i>Cancer Immunology Research</i> , 2019, 7, 168-173.	3.4	10
67	A T cell extrinsic mechanism by which IL-2 dampens Th17 differentiation. <i>Journal of Autoimmunity</i> , 2015, 59, 38-42.	6.5	7
68	The origin and regulation of autopathogenic T cells. <i>Journal of Clinical Immunology</i> , 2001, 21, 74-80.	3.8	4
69	Going beyond a whack-a-mole game: A systems biology approach to immune tolerance. <i>Clinical and Experimental Neuroimmunology</i> , 2019, 10, 5-6.	1.0	0
70	Autoimmune Response and Immune Tolerance. , 2007, , 3-19.		0
71	Tim-3 Regulation of Cancer Immunity. , 2014, , 239-261.		0