Tania H Watts

List of Publications by Year
in descending order

113 papers	8,954 citations	44042 48 h-index	42364 92 g-index
147 all docs	147 docs citations	147 times ranked	8305 citing authors

#	Article	IF	Citations
1	Persistence of T Cell and Antibody Responses to SARS-CoV-2 Up to 9 Months after Symptom Onset. Journal of Immunology, 2022, 208, 429-443.	0.4	12
2	Accelerated waning of immunity to SARS-CoV-2 mRNA vaccines in patients with immune-mediated inflammatory diseases. JCI Insight, 2022, 7, .	2.3	32
3	Systematic Examination of Antigen-Specific Recall T Cell Responses to SARS-CoV-2 versus Influenza Virus Reveals a Distinct Inflammatory Profile. Journal of Immunology, 2021, 206, 37-50.	0.4	28
4	Stepping up Th1 immunity to control phagosomal bacteria. Trends in Immunology, 2021, 42, 461-463.	2.9	3
5	The PKN1- TRAF1 signaling axis as a potential new target for chronic lymphocytic leukemia. OncoImmunology, 2021, 10, 1943234.	2.1	1
6	Type I interferons drive the maturation of human DC3s with a distinct costimulatory profile characterized by high GITRL. Science Immunology, 2020, 5, .	5.6	14
7	GITR differentially affects lung effector T cell subpopulations during influenza virus infection. Journal of Leukocyte Biology, 2020, 107, 953-970.	1.5	6
8	Monocyte-Derived Cells in Tissue-Resident Memory T Cell Formation. Journal of Immunology, 2020, 204, 477-485.	0.4	18
9	T Cellâ€“Intrinsic CX3CR1 Marks the Most Differentiated Effector CD4+ T Cells, but Is Largely Dispensable for CD4+ T Cell Responses during Chronic Viral Infection. ImmunoHorizons, 2020, 4, 701-712.	0.8	16
10	Concomitant <i>PIK3CD</i> and <i>TNFRSF9</i> deficiencies cause chronic active Epstein-Barr virus infection of T cells. Journal of Experimental Medicine, 2019, 216, 2800-2818.	4.2	59
11	3-Methylcholanthrene Induces Chylous Ascites in TCDD-Inducible Poly-ADP-Ribose Polymerase (Tiparp) Knockout Mice. International Journal of Molecular Sciences, 2019, 20, 2312.	1.8	7
12	Editorial: TRAF Proteins in Health and Disease. Frontiers in Immunology, 2019, 10, 326.	2.2	13
13	4-1BB Regulates Effector CD8 T Cell Accumulation in the Lung Tissue through a TRAF1-, mTOR-, and Antigen-Dependent Mechanism to Enhance Tissue-Resident Memory T Cell Formation during Respiratory Influenza Infection. Journal of Immunology, 2019, 202, 2482-2492.	0.4	26
14	GITRL on inflammatory antigen presenting cells in the lung parenchyma provides signal 4 for T-cell accumulation and tissue-resident memory T-cell formation. Mucosal Immunology, 2019, 12, 363-377.	2.7	19
15	Effect of IL-7 Therapy on Phospho-Ribosomal Protein S6 and TRAF1 Expression in HIV-Specific CD8 T Cells in Patients Receiving Antiretroviral Therapy. Journal of Immunology, 2018, 200, 558-564.	0.4	11
16	Fc-Engineered Anti-4-1BB Antibodies Pack a One-Two Punch. Immunity, 2018, 49, 791-793.	6.6	2
17	TRAF1 Signaling in Human Health and Disease. Frontiers in Immunology, 2018, 9, 2969.	2.2	53
18	Insulin Receptor-Mediated Stimulation Boosts T Cell Immunity during Inflammation and Infection. Cell Metabolism, 2018, 28, 922-934.e4.	7.2	188

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19	Conserved and Differential Features of TNF Superfamily Ligand Expression on APC Subsets over the Course of a Chronic Viral Infection in Mice. ImmunoHorizons, 2018, 2, 407-417.	0.8	6
20	Intrinsic 4-1BB signals are indispensable for the establishment of an influenza-specific tissue-resident memory CD8 T-cell population in the lung. Mucosal Immunology, 2017, 10, 1294-1309.	2.7	49
21	Constitutive interaction between 4-1BB and 4-1BBL on murine LPS-activated bone marrow dendritic cells masks detection of 4-1BBL by TKS-1 but not 19H3 antibody. Journal of Immunological Methods, 2017, 450, 81-89.	0.6	8
22	Dichotomous Expression of TNF Superfamily Ligands on Antigen-Presenting Cells Controls Post-priming Anti-viral CD4+ T Cell Immunity. Immunity, 2017, 47, 943-958.e9.	6.6	28
23	Irreversible splenic atrophy following chronic LCMV infection is associated with compromised immunity in mice. European Journal of Immunology, 2017, 47, 94-106.	1.6	11
24	The signaling adaptor TRAF1 negatively regulates Toll-like receptor signaling and this underlies its role in rheumatic disease. Nature Immunology, 2017, 18, 26-35.	7.0	52
25	CD30 Is Dispensable for T-Cell Responses to Influenza Virus and Lymphocytic Choriomeningitis Virus Clone 13 but Contributes to Age-Associated T-Cell Expansion in Mice. Frontiers in Immunology, 2017, 8, 1156.	2.2	3
26	Editorial: Bone Marrow T Cells at the Center Stage in Immunological Memory. Frontiers in Immunology, 2016, 7, 596.	2.2	5
27	Constitutive aryl hydrocarbon receptor signaling constrains type I interferonâ€"mediated antiviral innate defense. Nature Immunology, 2016, 17, 687-694.	7.0	182
28	TNFRs and Control of Chronic LCMV Infection: Implications for Therapy. Trends in Immunology, 2015, 36, 697-708.	2.9	10
29	GITR Intrinsically Sustains Early Type 1 and Late Follicular Helper CD4 T Cell Accumulation to Control a Chronic Viral Infection. PLoS Pathogens, 2015, 11, e1004517.	2.1	35
30	Anti-GITR Agonist Therapy Intrinsically Enhances CD8 T Cell Responses to Chronic Lymphocytic Choriomeningitis Virus (LCMV), Thereby Circumventing LCMV-Induced Downregulation of Costimulatory GITR Ligand on APC. Journal of Immunology, 2014, 193, 5033-5043.	0.4	22
31	The Human Immune System Recognizes Neopeptides Derived from Mitochondrial DNA Deletions. Journal of Immunology, 2014, 192, 4581-4591.	0.4	11
32	Cell-specific and context-dependent effects of GITR in cancer, autoimmunity, and infection. Cytokine and Growth Factor Reviews, 2014, 25, 91-106.	3.2	78
33	Costimulatory TNFR family members in control of viral infection: Outstanding questions. Seminars in Immunology, 2014, 26, 210-219.	2.7	23
34	The contextual role of <scp>TNFR</scp> family members in <scp>CD</scp>8⁺ Tâ€cell control of viral infections. Immunological Reviews, 2013, 255, 125-148.	2.8	77
35	Leukocyte-specific protein 1 links TNF receptor-associated factor 1 to survival signaling downstream of 4-1BB in T cells. Journal of Leukocyte Biology, 2013, 93, 713-721.	1.5	26
36	GITR-Dependent Regulation of 4-1BB Expression: Implications for T Cell Memory and Antiâ€"4-1BBâ€"Induced Pathology. Journal of Immunology, 2013, 190, 4627-4639.	0.4	36

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37	T Cell Intrinsic NOD2 Is Dispensable for CD8 T Cell Immunity. PLoS ONE, 2013, 8, e56014.	1.1	11
38	Intrinsic TNF/TNFR2 Interactions Fine-Tune the CD8 T Cell Response to Respiratory Influenza Virus Infection in Mice. PLoS ONE, 2013, 8, e68911.	1.1	25
39	Opposing Roles for TRAF1 in the Alternative versus Classical NF-ÎºB Pathway in T Cells. Journal of Biological Chemistry, 2012, 287, 23010-23019.	1.6	97
40	In vivo accumulation of T cells in response to ILâ€2/antiâ€ILâ€2 mAb complexes is dependent in part on the TNF family ligand 4â€1BBL. Immunology and Cell Biology, 2012, 90, 743-747.	1.0	10
41	Loss of the signaling adaptor TRAF1 causes CD8+ T cell dysregulation during human and murine chronic infection. Journal of Experimental Medicine, 2012, 209, 77-91.	4.2	55
42	Contribution of 4â€“1<scp>BB</scp>L on radioresistant cells in providing survival signals through 4â€“1<scp>BB</scp> expressed on <scp>CD</scp>8+ memory <scp>T</scp> cells in the bone marrow. European Journal of Immunology, 2012, 42, 2861-2874.	1.6	18
43	Maintaining the balance: Costimulatory TNFRs and control of HIV. Cytokine and Growth Factor Reviews, 2012, 23, 245-254.	3.2	11
44	IL-15â€“Dependent Upregulation of GITR on CD8 Memory Phenotype T Cells in the Bone Marrow Relative to Spleen and Lymph Node Suggests the Bone Marrow as a Site of Superior Bioavailability of IL-15. Journal of Immunology, 2012, 188, 5915-5923.	0.4	39
45	Incorporation of 4-1BB ligand into an adenovirus vaccine vector increases the number of functional antigen-specific CD8 T cells and enhances the duration of protection against influenza-induced respiratory disease. Vaccine, 2011, 29, 6301-6312.	1.7	22
46	Tâ€cell intrinsic effects of GITR and 4â€1BB during viral infection and cancer immunotherapy. Immunological Reviews, 2011, 244, 197-217.	2.8	100
47	LTÎ²R signaling in dendritic cells induces a type I IFN response that is required for optimal clonal expansion of CD8 ⁺ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2046-2051.	3.3	28
48	Role of 4-1BBL and TRAF1 in the CD8 T Cell Response to Influenza Virus and HIV. Advances in Experimental Medicine and Biology, 2011, 691, 177-186.	0.8	6
49	Influenza-Specific T Cells from Older People Are Enriched in the Late Effector Subset and Their Presence Inversely Correlates with Vaccine Response. PLoS ONE, 2011, 6, e23698.	1.1	34
50	Humoral and Cell-Mediated Immunity to Pandemic H1N1 Influenza in a Canadian Cohort One Year Post-Pandemic: Implications for Vaccination. PLoS ONE, 2011, 6, e28063.	1.1	38
51	CD8 T Cell-Intrinsic GITR Is Required for T Cell Clonal Expansion and Mouse Survival following Severe Influenza Infection. Journal of Immunology, 2010, 185, 7223-7234.	0.4	90
52	Staying Alive: T Cell Costimulation, CD28, and Bcl-xL. Journal of Immunology, 2010, 185, 3785-3787.	0.4	43
53	Evaluating the Cellular Targets of Anti-4-1BB Agonist Antibody during Immunotherapy of a Pre-Established Tumor in Mice. PLoS ONE, 2010, 5, e11003.	1.1	38
54	Endogenous 4-1BB Ligand Plays a Critical Role in Protection from Influenza-Induced Disease. Journal of Immunology, 2009, 182, 934-947.	0.4	84

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55	Immune regulation by 4â€1BB and 4â€1BBL: complexities and challenges. Immunological Reviews, 2009, 229, 192-215.	2.8	267
56	4-1BB Enhances Proliferation of Beryllium-Specific T Cells in the Lung of Subjects with Chronic Beryllium Disease. Journal of Immunology, 2008, 181, 4381-4388.	0.4	14
57	ERK-Dependent Bim Modulation Downstream of the 4-1BB-TRAF1 Signaling Axis Is a Critical Mediator of CD8 T Cell Survival In Vivo. Journal of Immunology, 2008, 180, 8093-8101.	0.4	140
58	Critical requirement for 4â€1BBL for protection from severe but not mild respiratory Influenza A infection in mice. FASEB Journal, 2008, 22, 857.3.	0.2	0
59	4-1BBL Induces TNF Receptor-Associated Factor 1-Dependent Bim Modulation in Human T Cells and Is a Critical Component in the Costimulation-Dependent Rescue of Functionally Impaired HIV-Specific CD8 T Cells. Journal of Immunology, 2007, 179, 8252-8263.	0.4	73
60	TNF family ligands define niches for T cell memory. Trends in Immunology, 2007, 28, 333-339.	2.9	77
61	Cell surface 4-1BBL mediates sequential signaling pathways 'downstream' of TLR and is required for sustained TNF production in macrophages. Nature Immunology, 2007, 8, 601-609.	7.0	102
62	Approaches to Studying Costimulation of Human Antiviral T Cell Responses: Prospects for Immunotherapeutic Vaccines. Immunologic Research, 2006, 35, 137-150.	1.3	5
63	Generation and Characterization of B7-H4/B7S1/B7x-Deficient Mice. Molecular and Cellular Biology, 2006, 26, 6403-6411.	1.1	72
64	LIGHT is dispensable for CD4+ and CD8+ T cell and antibody responses to influenza A virus in mice. International Immunology, 2006, 18, 797-806.	1.8	26
65	A critical role for TNF receptor-associated factor 1 and Bim down-regulation in CD8 memory T cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18703-18708.	3.3	74
66	Role for Inducible Costimulator in Control of Salmonella enterica Serovar Typhimurium Infection in Mice. Infection and Immunity, 2006, 74, 1050-1061.	1.0	25
67	IL-15-Dependent Induction of 4-1BB Promotes Antigen-Independent CD8 Memory T Cell Survival. Journal of Immunology, 2006, 176, 2739-2748.	0.4	127
68	TNF/TNFR FAMILY MEMBERS IN COSTIMULATION OF T CELL RESPONSES. Annual Review of Immunology, 2005, 23, 23-68.	9.5	1,204
69	Enhancement of HIV-Specific CD8 T Cell Responses by Dual Costimulation with CD80 and CD137L. Journal of Immunology, 2005, 175, 6378-6389.	0.4	49
70	Evaluation of OX40 Ligand as a Costimulator of Human Antiviral Memory CD8 T Cell Responses: Comparison with B7.1 and 4-1BBL. Journal of Immunology, 2005, 175, 6368-6377.	0.4	75
71	The LIGHT and DARC sides of herpesvirus entry mediator. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13365-13366.	3.3	22
72	Cooperation between 4-1BB and ICOS in the Immune Response to Influenza Virus Revealed by Studies of CD28/ICOS-Deficient Mice. Journal of Immunology, 2005, 175, 7288-7296.	0.4	23

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73	Genetic and functional association of the immune signaling molecule 4-1BB (CD137/TNFRSF9) with type 1 diabetes. Journal of Autoimmunity, 2005, 25, 13-20.	3.0	54
74	Immune Functions in Mice Lacking Clnk, an SLP-76-Related Adaptor Expressed in a Subset of Immune Cells. Molecular and Cellular Biology, 2004, 24, 6067-6075.	1.1	27
75	4-1BB and OX40 Act Independently to Facilitate Robust CD8 and CD4 Recall Responses. Journal of Immunology, 2004, 173, 5944-5951.	0.4	146
76	Costimulatory ligand 4-1BBL (CD137L) as an efficient adjuvant for human antiviral cytotoxic T cell responses. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1291-1296.	3.3	106
77	A Switch in Costimulation from CD28 to 4-1BB during Primary versus Secondary CD8 T Cell Response to Influenza In Vivo. Journal of Immunology, 2004, 172, 981-988.	0.4	117
78	Expression and function of 4-1BB during CD4 versus CD8 T cell responsesin vivo. European Journal of Immunology, 2004, 34, 743-751.	1.6	94
79	Role of T cell costimulation in anti-viral immunity. Seminars in Immunology, 2004, 16, 185-196.	2.7	86
80	A novel cytotoxicity assay to evaluate antigen-specific CTL responses using a colorimetric substrate for Granzyme B. Journal of Immunological Methods, 2003, 276, 89-101.	0.6	62
81	Costimulation of human CD28 T cells by 4-1BB ligand. European Journal of Immunology, 2003, 33, 446-454.	1.6	68
82	The B7 family member B7-H3 preferentially down-regulates T helper type 1â€“mediated immune responses. Nature Immunology, 2003, 4, 899-906.	7.0	479
83	Dendritic cellâ€“induced autoimmune heart failure requires cooperation between adaptive and innate immunity. Nature Medicine, 2003, 9, 1484-1490.	15.2	404
84	4-1BB (CD137) Differentially Regulates Murine In Vivo Protein- and Polysaccharide-Specific Immunoglobulin Isotype Responses to Streptococcus pneumoniae. Infection and Immunity, 2003, 71, 196-204.	1.0	21
85	T Cell Costimulatory Molecules in Anti-Viral Immunity: Potential Role in Immunotherapeutic Vaccines. Canadian Journal of Infectious Diseases & Medical Microbiology, 2003, 14, 221-229.	0.3	5
86	Temporal Segregation of 4-1BB Versus CD28-Mediated Costimulation: 4-1BB Ligand Influences T Cell Numbers Late in the Primary Response and Regulates the Size of the T Cell Memory Response Following Influenza Infection. Journal of Immunology, 2002, 168, 3777-3785.	0.4	250
87	Overexpression of rab7 enhances the kinetics of antigen processing and presentation with MHC class II molecules in B cells. International Immunology, 2002, 14, 309-318.	1.8	28
88	4-1BB Ligand-Mediated Costimulation of Human T Cells Induces CD4 and CD8 T Cell Expansion, Cytokine Production, and the Development of Cytolytic Effector Function. Journal of Immunology, 2002, 168, 4897-4906.	0.4	173
89	Cutting Edge: Profound Defect in T Cell Responses in TNF Receptor-Associated Factor 2 Dominant Negative Mice. Journal of Immunology, 2002, 169, 2828-2831.	0.4	26
90	Role of ICOS versus CD28 in antiviral immunity. European Journal of Immunology, 2002, 32, 3376-3385.	1.6	82

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91	4-1BBL Enhances Anti-tumor Responses in the Presence or Absence of CD28 but CD28 Is Required for Protective Immunity against Parental Tumors. Cellular Immunology, 2001, 210, 56-65.	1.4	32
92	4-1BB Ligand Induces Cell Division, Sustains Survival, and Enhances Effector Function of CD4 and CD8 T Cells with Similar Efficacy. Journal of Immunology, 2001, 167, 1313-1324.	0.4	319
93	Role of TNF Receptor-Associated Factor 2 and p38 Mitogen-Activated Protein Kinase Activation During 4-1BB-Dependent Immune Response. Journal of Immunology, 2000, 165, 6193-6204.	0.4	115
94	T cell co-stimulatory molecules other than CD28. Current Opinion in Immunology, 1999, 11, 286-293.	2.4	320
95	CD28-independent, TRAF2-dependent Costimulation of Resting T Cells by 4-1BB Ligand. Journal of Experimental Medicine, 1998, 187, 1849-1862.	4.2	289
96	Enhanced Immunogenicity of B Cell Lymphoma Genetically Engineered to Express Both B7-1 and Interleukin-12. Human Gene Therapy, 1997, 8, 2217-2228.	1.4	29
97	Induction of costimulatory molecules B7-1 and B7-2 in murine B cells: The CBAN mouse reveals a role for Bruton's tyrosine kinase in CD40-mediated B7 induction. Molecular Immunology, 1996, 33, 541-552.	1.0	31
98	Molecular chaperones in antigen presentation. Current Opinion in Immunology, 1995, 7, 77-84.	2.4	99
99	Evidence for invariant chain 85-101 (CLIP) binding in the antigen binding site of MHC class II molecules. International Immunology, 1995, 7, 1585-1591.	1.8	26
100	Structural compartmentalization of MHC class II signaling function. Trends in Immunology, 1993, 14, 539-546.	7.5	71
101	Conformational changes in mouse MHC class II proteins at acidic pH. International Immunology, 1992, 4, 889-897.	1.8	22
102	Antigen Presentation by Supported Planar Membranes Containing Purified Major Histocompatibility Complex Proteins. , 1988, , 143-155.		1
103	Biophysical Aspects of Antigen Recognition by T Cells. Annual Review of Immunology, 1987, 5, 461-475.	9.5	47
104	High-affinity fluorescent peptide binding to I-Ad in lipid membranes.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 9660-9664.	3.3	73
105	T-cell-mediated association of peptide antigen and major histocompatibility complex protein detected by energy transfer in an evanescent wave-field. Nature, 1986, 320, 179-181.	13.7	176
106	T-cell activation by peptide antigen: effect of peptide sequence and method of antigen presentation.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 5480-5484.	3.3	63
107	Antigen presentation by supported planar membranes containing affinity-purified I-Ad.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 7564-7568.	3.3	275
108	Spectral properties of three quaternary arrangements of Pseudomonas pilin. Biochemistry, 1983, 22, 3640-3646.	1.2	105

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109	Mapping of the antigenic determinants of Pseudomonas aeruginosa PAK polar pili. Infection and Immunity, 1983, 42, 113-121.	1.0	51
110	Dissociation and characterization of pilin isolated from Pseudomonas aeruginosa strains PAK and PAO. Canadian Journal of Biochemistry, 1982, 60, 867-872.	1.4	38
111	Formation of 9-nm filaments from pilin monomers obtained by octyl-glucoside dissociation of Pseudomonas aeruginosa pili. Journal of Bacteriology, 1982, 151, 1508-1513.	1.0	32
112	Structure of polar pili from Pseudomonas aeruginosa strains K and O. Journal of Molecular Biology, 1981, 149, 79-93.	2.0	116
113	Biochemical studies on pili isolated from Pseudomonas aeruginosa strain PAO. Canadian Journal of Microbiology, 1979, 25, 1175-1181.	0.8	100