

# Tonya J Webb

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

1,653  
citations

257450

24  
h-index

302126

39  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of immune evasion in breast cancer. <i>BMC Cancer</i> , 2018, 18, 556.	2.6	180
2	Anti-Type V Collagen Lymphocytes that Express IL-17 and IL-23 Induce Rejection Pathology in Fresh and Well-Healed Lung Transplants. <i>American Journal of Transplantation</i> , 2006, 6, 724-735.	4.7	147
3	Ovarian cancer-associated ascites demonstrates altered immune environment: implications for antitumor immunity. <i>Anticancer Research</i> , 2009, 29, 2875-84.	1.1	134
4	Selective Loss of Natural Killer T Cells by Apoptosis following Infection with Lymphocytic Choriomeningitis Virus. <i>Journal of Virology</i> , 2001, 75, 10746-10754.	3.4	95
5	Molecular Identification of GD3 as a Suppressor of the Innate Immune Response in Ovarian Cancer. <i>Cancer Research</i> , 2012, 72, 3744-3752.	0.9	78
6	Myeloid marker expression on antiviral CD8 <sup>+</sup> T cells following an acute virus infection. <i>European Journal of Immunology</i> , 2003, 33, 2736-2743.	2.9	65
7	Chimeric antigen receptor-engineered natural killer and natural killer T cells for cancer immunotherapy. <i>Translational Research</i> , 2017, 187, 32-43.	5.0	60
8	Human Head and Neck Squamous Cell Carcinoma-Associated Semaphorin 4D Induces Expansion of Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2016, 196, 1419-1429.	0.8	54
9	Long-term loss of canonical NKT cells following an acute virus infection. <i>European Journal of Immunology</i> , 2005, 35, 879-889.	2.9	45
10	Dietary fatty acids modulate antigen presentation to hepatic NKT cells in nonalcoholic fatty liver disease. <i>Journal of Lipid Research</i> , 2010, 51, 1696-1703.	4.2	45
11	CD1d-Mediated Antigen Presentation to Natural Killer T (NKT) Cells. <i>Critical Reviews in Immunology</i> , 2003, 23, 403-419.	0.5	44
12	Inhibition of CD1d1-mediated antigen presentation by the vaccinia virus B1R and H5R molecules. <i>European Journal of Immunology</i> , 2006, 36, 2595-2600.	2.9	43
13	Probiotic antigens stimulate hepatic natural killer T cells. <i>Immunology</i> , 2014, 141, 203-210.	4.4	35
14	Flt3-Ligand, IL-4, GM-CSF, and Adherence-Mediated Isolation of Murine Lung Dendritic Cells: Assessment of Isolation Technique on Phenotype and Function. <i>Journal of Immunology</i> , 2004, 173, 4875-4881.	0.8	34
15	Sphingosine 1-phosphate signaling impacts lymphocyte migration, inflammation and infection. <i>Pathogens and Disease</i> , 2016, 74, ftw063.	2.0	33
16	Reduction in CD1d expression on dendritic cells and macrophages by an acute virus infection. <i>Journal of Leukocyte Biology</i> , 2005, 77, 151-158.	3.3	32
17	Differential Innate Immune Cell Activation and Proinflammatory Response in <i>Anaplasma phagocytophilum</i> Infection. <i>Infection and Immunity</i> , 2007, 75, 3124-3130.	2.2	30
18	Histone deacetylase inhibitors enhance CD1d-dependent NKT cell responses to lymphoma. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 1411-1421.	4.2	30

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19	The Phenotype and Function of Lung Dendritic Cells. <i>Critical Reviews in Immunology</i> , 2005, 25, 465-492.	0.5	28
20	VEGF Potentiates GD3-Mediated Immunosuppression by Human Ovarian Cancer Cells. <i>Clinical Cancer Research</i> , 2016, 22, 4249-4258.	7.0	28
21	Ex vivo induction and expansion of natural killer T cells by CD1d1-Ig coated artificial antigen presenting cells. <i>Journal of Immunological Methods</i> , 2009, 346, 38-44.	1.4	27
22	The Interaction between Regulatory T Cells and NKT Cells in the Liver: A CD1d Bridge Links Innate and Adaptive Immunity. <i>PLoS ONE</i> , 2011, 6, e27038.	2.5	27
23	Raising the Roof: The Preferential Pharmacological Stimulation of Th1 and Th2 Responses Mediated by NKT Cells. <i>Medicinal Research Reviews</i> , 2014, 34, 45-76.	10.5	27
24	Alterations in cellular metabolism modulate CD1d-mediated NKT-cell responses. <i>Pathogens and Disease</i> , 2016, 74, ftw055.	2.0	27
25	Immunotherapeutic strategies targeting natural killer T cell responses in cancer. <i>Immunogenetics</i> , 2016, 68, 623-638.	2.4	23
26	Ascites Specific Inhibition of CD1d-Mediated Activation of Natural Killer T Cells. <i>Clinical Cancer Research</i> , 2008, 14, 7652-7658.	7.0	21
27	The ins and outs of type I iNKT cell development. <i>Molecular Immunology</i> , 2019, 105, 116-130.	2.2	21
28	Mixed Signals: Co-Stimulation in Invariant Natural Killer T Cell-Mediated Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2017, 8, 1447.	4.8	19
29	Targeting Natural Killer T Cells in Solid Malignancies. <i>Cells</i> , 2021, 10, 1329.	4.1	17
30	NKT Cell Responses to B Cell Lymphoma. <i>Medical Sciences (Basel, Switzerland)</i> , 2014, 2, 82-97.	2.9	15
31	Editorial: NKT Cells in Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 1314.	4.8	15
32	Human airway epithelia express catalytically active NEU3 sialidase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L876-L886.	2.9	14
33	Artificial Antigen Presenting Cell (aAPC) Mediated Activation and Expansion of Natural Killer T Cells. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	13
34	Stereotactic Ablative Radiotherapy (SABR): Impact on the Immune System and Potential for Future Therapeutic Modulation. <i>Molecular and Cellular Pharmacology</i> , 2013, 5, 19-25.	1.7	13
35	Boosting the immune response: the use of iNKT cell ligands as vaccine adjuvants. <i>Frontiers in Biology</i> , 2012, 7, 436-444.	0.7	12
36	Sphingosine Kinase Blockade Leads to Increased Natural Killer T Cell Responses to Mantle Cell Lymphoma. <i>Cells</i> , 2020, 9, 1030.	4.1	12

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37	Connecting the Dots: Artificial Antigen Presenting Cell-Mediated Modulation of Natural Killer T Cells. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 505-516.	1.2	11
38	Invariant natural killer T cells generated from human adult hematopoietic stem-progenitor cells are poly-functional. <i>Cytokine</i> , 2015, 72, 48-57.	3.2	11
39	Soluble Sema4D in Plasma of Head and Neck Squamous Cell Carcinoma Patients Is Associated With Underlying Non-Inflamed Tumor Profile. <i>Frontiers in Immunology</i> , 2021, 12, 596646.	4.8	11
40	Semaphorin 4D in human head and neck cancer tissue and peripheral blood: A dense fibrotic peri-tumoral stromal phenotype. <i>Oncotarget</i> , 2018, 9, 11126-11144.	1.8	11
41	Thymic resident NKT cell subsets show differential requirements for CD28 co-stimulation during antigenic activation. <i>Scientific Reports</i> , 2020, 10, 8218.	3.3	7
42	Dendritic cell-T cell interactions: CD81±1± expressed on dendritic cells regulates T cell proliferation. <i>Immunology Letters</i> , 2007, 108, 174-178.	2.5	6
43	Generation of a Jurkat-based fluorescent reporter cell line to evaluate lipid antigen interaction with the human iNKT cell receptor. <i>Scientific Reports</i> , 2019, 9, 7426.	3.3	6
44	Effective Barriers: The Role of NKT Cells and Innate Lymphoid Cells in the Gut. <i>Journal of Immunology</i> , 2022, 208, 235-246.	0.8	6
45	Silencing S1P1 Receptors Regulates Collagen-V Reactive Lymphocyte-Mediated Immunobiology in the Transplanted Lung. <i>American Journal of Transplantation</i> , 2008, 8, 537-546.	4.7	5
46	Natural killer T (NKT) cells accelerate Shiga toxin type 2 (Stx2) pathology in mice. <i>Frontiers in Microbiology</i> , 2015, 6, 262.	3.5	5
47	Natural Killer T Cell Based Immunotherapy. <i>Journal of Vaccines &amp; Vaccination</i> , 2012, 03, 144.	0.3	4
48	The Roles of Radiotherapy and Immunotherapy for the Treatment of Lymphoma. <i>Molecular and Cellular Pharmacology</i> , 2013, 5, 27-38.	1.7	4
49	Bcl-xL Regulates CD1d-Mediated Antigen Presentation to NKT Cells by Altering CD1d Trafficking through the Endocytic Pathway. <i>Journal of Immunology</i> , 2014, 193, 2096-2105.	0.8	3
50	Development of a qPCR method to rapidly assess the function of NKT cells. <i>Journal of Immunological Methods</i> , 2014, 407, 82-89.	1.4	3
51	Generation of Human iNKT Cell Lines. <i>Bio-protocol</i> , 2013, 3, .	0.4	3
52	Microtentacle Formation in Ovarian Carcinoma. <i>Cancers</i> , 2022, 14, 800.	3.7	3
53	Deletion Mutants of Francisella Phagosomal Transporters FptA and FptF Are Highly Attenuated for Virulence and Are Protective Against Lethal Intranasal Francisella LVS Challenge in a Murine Model of Respiratory Tularemia. <i>Pathogens</i> , 2021, 10, 799.	2.8	2
54	Generation of Human iNKT Cell Lines. <i>Bio-protocol</i> , 2013, 3, .	0.4	2

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55	The Minority Scientistsâ€™ Experience: Challenging and Overcoming Barriers to Enhancing Diversity and Career Advancement. <i>Journal of Immunology</i> , 2022, 208, 197-202.	0.8	2
56	Semaphorin 4D produced by human head and neck squamous cell carcinoma induces myeloid derived suppressor cells expansion from peripheral blood monocytes. , 2015, 3, P280.		1
57	Defining Barriers that Impede Choices. <i>Immunity</i> , 2019, 50, 542-544.	14.3	1
58	Targeted attack: mechanisms by which ovarian cancers suppress the immune system. <i>Translational Cancer Research</i> , 2016, 5, S1305-S1306.	1.0	1
59	The Combination of PARP Inhibitors and DNMT Inhibitors Modulates Immune Activity and Suggests a Role for Immune Therapy in AML. <i>Blood</i> , 2018, 132, 3886-3886.	1.4	1
60	Epigenetic regulation of CD1d-mediated antigen presentation in B cell lymphoma. , 2014, 2, .		0
61	Inbred Strain Characteristics Impact the NKT Cell Repertoire. <i>ImmunoHorizons</i> , 2021, 5, 147-156.	1.8	0
62	Inclusion criteria: how NK cells gain access to T cells. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	0
63	Generation of Mouse iNKT Cell Lines. <i>Bio-protocol</i> , 2013, 3, .	0.4	0
64	Levels of circulating natural killer T and natural killer cells in breast cancer patients.. <i>Journal of Clinical Oncology</i> , 2013, 31, e22034-e22034.	1.6	0
65	Abstract 3672: Semaphorin 4D in human head & neck cancer: A promising predictive biomarker for the peri-tumoral stromal phenotype. , 2017, , .		0
66	Generation of Mouse iNKT Cell Lines. <i>Bio-protocol</i> , 2013, 3, .	0.4	0