

Daniela Wesch

List of Publications by Year in descending order

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104
papers

5,211
citations

57758

44
h-index

95266

68
g-index

105
all docs

105
docs citations

105
times ranked

5505
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives of $\gamma\delta$ T Cells in Tumor Immunology: Figure 1.. Cancer Research, 2007, 67, 5-8.	0.9	253
2	Lysis of a Broad Range of Epithelial Tumour Cells by Human $\gamma\delta$ T Cells: Involvement of NKG2D ligands and Tâ€cell Receptorâ€versus NKG2Dâ€dependent Recognition. Scandinavian Journal of Immunology, 2007, 66, 320-328.	2.7	212
3	Shedding of endogenous MHC class Iâ€related chain molecules A and B from different human tumor entities: Heterogeneous involvement of the â€œa disintegrin and metalloproteasesâ€10 and 17. International Journal of Cancer, 2013, 133, 1557-1566.	5.1	170
4	Characterization of Tumor Reactivity of Human $\gamma\delta$ T Cells In Vitro and in SCID Mice In Vivo. Journal of Immunology, 2004, 173, 6767-6776.	0.8	164
5	The $\gamma\delta$ TCR combines innate immunity with adaptive immunity by utilizing spatially distinct regions for agonist selection and antigen responsiveness. Nature Immunology, 2018, 19, 1352-1365.	14.5	163
6	Direct Costimulatory Effect of TLR3 Ligand Poly(I:C) on Human $\gamma\delta$ T Lymphocytes. Journal of Immunology, 2006, 176, 1348-1354.	0.8	150
7	Patterns of Chemokine Receptor Expression on Peripheral Blood $\gamma\delta$ T Lymphocytes: Strong Expression of CCR5 Is a Selective Feature of $\gamma\delta$ T Cells. Journal of Immunology, 2002, 168, 4920-4929.	0.8	147
8	Novel Bispecific Antibodies Increase $\gamma\delta$ T-Cell Cytotoxicity against Pancreatic Cancer Cells. Cancer Research, 2014, 74, 1349-1360.	0.9	133
9	Differentiation of Resting Human Peripheral Blood $\gamma\delta$ T Cells toward Th1- or Th2-Phenotype. Cellular Immunology, 2001, 212, 110-117.	3.0	131
10	Innate immune functions of human $\gamma\delta$ T cells. Immunobiology, 2008, 213, 173-182.	1.9	123
11	Modulation of $\gamma\delta$ T cell responses by TLR ligands. Cellular and Molecular Life Sciences, 2011, 68, 2357-2370.	5.4	110
12	Antigen Recognition by Human $\gamma\delta$ T Lymphocytes. International Archives of Allergy and Immunology, 2000, 122, 1-7.	2.1	101
13	Differential expression of CD126 and CD130 mediates different STAT-3 phosphorylation in CD4+CD25â€ and CD25high regulatory T cells. International Immunology, 2006, 18, 555-563.	4.0	97
14	Features and Functions of $\gamma\delta$ T Lymphocytes: Focus on Chemokines and Their Receptors. Critical Reviews in Immunology, 2003, 23, 339-370.	0.5	92
15	Toll-like Receptors 3 and 7 Agonists Enhance Tumor Cell Lysis by Human $\gamma\delta$ T Cells. Cancer Research, 2009, 69, 8710-8717.	0.9	90
16	Regulation of Regulatory T Cells: Role of Dendritic Cells and Toll-Like Receptors. Critical Reviews in Immunology, 2006, 26, 291-306.	0.5	86
17	Tribody [(HER2) \times CD16] Is More Effective Than Trastuzumab in Enhancing $\gamma\delta$ T Cell and Natural Killer Cell Cytotoxicity Against HER2-Expressing Cancer Cells. Frontiers in Immunology, 2018, 9, 814.	4.8	84
18	The Ambiguous Role of $\gamma\delta$ T Lymphocytes in Antitumor Immunity. Trends in Immunology, 2017, 38, 668-678.	6.8	82

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19	Toll-Like Receptor Expression and Function in Subsets of Human $\gamma\delta$ T Lymphocytes. <i>Scandinavian Journal of Immunology</i> , 2009, 70, 245-255.	2.7	80
20	Sex-specific phenotypical and functional differences in peripheral human $V\alpha 9/V\beta 2$ T cells. <i>Journal of Leukocyte Biology</i> , 2006, 79, 663-666.	3.3	79
21	Phenotype and regulation of immunosuppressive $V\beta 2$ -expressing $\gamma\delta$ T cells. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1943-1960.	5.4	76
22	Activation and Activation-Driven Death of Human $\gamma\delta$ T Cells. <i>Immunological Reviews</i> , 1991, 120, 71-88.	6.0	72
23	T cell receptor $\gamma\delta$ repertoire in HIV-1-infected individuals. <i>European Journal of Immunology</i> , 1994, 24, 3044-3049.	2.9	72
24	Regulation of T cell activation by TLR ligands. <i>European Journal of Cell Biology</i> , 2011, 90, 582-592.	3.6	72
25	Regulatory Interactions Between Neutrophils, Tumor Cells and T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1690.	4.8	71
26	Comparative Characterization of Stroma Cells and Ductal Epithelium in Chronic Pancreatitis and Pancreatic Ductal Adenocarcinoma. <i>PLoS ONE</i> , 2014, 9, e94357.	2.5	70
27	Human $V\beta 2$ T cells are a major source of interleukin-9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12520-12525.	7.1	68
28	Comparative analysis of $\gamma\delta$ and $\gamma\delta$ T cell activation by <i>Mycobacterium tuberculosis</i> and isopentenyl pyrophosphate. <i>European Journal of Immunology</i> , 1997, 27, 952-956.	2.9	66
29	Differential but Direct Abolishment of Human Regulatory T Cell Suppressive Capacity by Various TLR2 Ligands. <i>Journal of Immunology</i> , 2010, 184, 4733-4740.	0.8	66
30	$\gamma\delta$ T cells in cancer immunotherapy: current status and future prospects. <i>Immunotherapy</i> , 2009, 1, 663-678.	2.0	65
31	NKG2D- and T-cell receptor-dependent lysis of malignant glioma cell lines by human $\gamma\delta$ T cells: Modulation by temozolomide and A disintegrin and metalloproteases 10 and 17 inhibitors. <i>OncImmunology</i> , 2016, 5, e1093276.	4.6	63
32	Epithelial Defence by $\gamma\delta$ T Cells. <i>International Archives of Allergy and Immunology</i> , 2005, 137, 73-81.	2.1	61
33	Regulatory functions of $\gamma\delta$ T cells. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2125-2135.	5.4	60
34	Potential of human $\gamma\delta$ T lymphocytes for immunotherapy of cancer. <i>International Journal of Cancer</i> , 2004, 112, 727-732.	5.1	59
35	Different properties of VEGF-antagonists: Bevacizumab but not Ranibizumab accumulates in RPE cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1601-1608.	1.9	59
36	Human Gamma Delta T Regulatory Cells in Cancer: Fact or Fiction?. <i>Frontiers in Immunology</i> , 2014, 5, 598.	4.8	59

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37	Human VÎ2 versus non-VÎ2 Î³Î T cells in antitumor immunity. <i>Oncolmmunology</i> , 2013, 2, e23304.	4.6	58
38	Identification of the complete expressed human TCR V gamma repertoire by flow cytometry. <i>International Immunology</i> , 1997, 9, 1065-1072.	4.0	57
39	Î³Î T cell activation by bispecific antibodies. <i>Cellular Immunology</i> , 2015, 296, 41-49.	3.0	54
40	Analysis of the TCR Vgamma repertoire in healthy donors and HIV-1- infected individuals. <i>International Immunology</i> , 1998, 10, 1067-1075.	4.0	51
41	Mycobacteria-reactive Î³Î T cells in HIV-infected individuals: lack of VÎ39 cell responsiveness is due to deficiency of antigen-specific CD4 T helper type 1 cells. <i>European Journal of Immunology</i> , 1996, 26, 557-562.	2.9	49
42	Caspase Inhibition Blocks Human T Cell Proliferation by Suppressing Appropriate Regulation of IL-2, CD25, and Cell Cycle-Associated Proteins. <i>Journal of Immunology</i> , 2004, 173, 5077-5085.	0.8	47
43	The CD3 Conformational Change in the Î³Î T Cell Receptor Is Not Triggered by Antigens but Can Be Enforced to Enhance Tumor Killing. <i>Cell Reports</i> , 2014, 7, 1704-1715.	6.4	47
44	Influence of physical activity on the immune system in breast cancer patients during chemotherapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 579-586.	2.5	47
45	Activation of Toll-like Receptor 2 (TLR2) induces Interleukin-6 trans-signaling. <i>Scientific Reports</i> , 2019, 9, 7306.	3.3	44
46	Physical activity influences the immune system of breast cancer patients. <i>Journal of Cancer Research and Therapeutics</i> , 2017, 13, 392-398.	0.9	44
47	TGF-Î2 enhances the cytotoxic activity of VÎ2 T cells. <i>Oncolmmunology</i> , 2019, 8, e1522471.	4.6	43
48	Immune Suppression by Î³Î T-cells as a Potential Regulatory Mechanism After Cancer Vaccination With IL-12 Secreting Dendritic Cells. <i>Journal of Immunotherapy</i> , 2010, 33, 40-52.	2.4	42
49	Resistance of cyclooxygenase-2 expressing pancreatic ductal adenocarcinoma cells against Î³Î T cell cytotoxicity. <i>Oncolmmunology</i> , 2015, 4, e988460.	4.6	41
50	CD4⁺T cells potently induce epithelial-mesenchymal-transition in premalignant and malignant pancreatic ductal epithelial cellsâ€“novel implications of CD4⁺T cells in pancreatic cancer development. <i>Oncolmmunology</i> , 2015, 4, e1000083.	4.6	39
51	In-depth immunophenotyping of patients with glioblastoma multiforme: Impact of steroid treatment. <i>Oncolmmunology</i> , 2017, 6, e1358839.	4.6	37
52	Increase in VÎ1+ Î³Î T cells in the peripheral blood and bone marrow as a selective feature of HIV-1 but not other virus infections. <i>British Journal of Haematology</i> , 1998, 100, 728-734.	2.5	35
53	Human Î³Î T cells. <i>Immunologic Research</i> , 2007, 37, 97-111.	2.9	35
54	Bispecific antibodies enhance tumor-infiltrating T cell cytotoxicity against autologous HER-2-expressing high-grade ovarian tumors. <i>Journal of Leukocyte Biology</i> , 2020, 107, 1081-1095.	3.3	35

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55	Monitoring Circulating $\hat{\beta}\hat{\gamma}$ T Cells in Cancer Patients to Optimize $\hat{\beta}\hat{\gamma}$ T Cell-Based Immunotherapy. <i>Frontiers in Immunology</i> , 2014, 5, 643.	4.8	34
56	L1CAM promotes enrichment of immunosuppressive T cells in human pancreatic cancer correlating with malignant progression. <i>Molecular Oncology</i> , 2014, 8, 982-997.	4.6	34
57	Tumor resistance mechanisms and their consequences on $\hat{\beta}\hat{\gamma}$ T cell activation. <i>Immunological Reviews</i> , 2020, 298, 84-98.	6.0	33
58	TRAIL-Receptor 4 Modulates $\hat{\beta}\hat{\gamma}$ T Cell-Cytotoxicity Toward Cancer Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2044.	4.8	32
59	Affinity Maturation of B7-H6 Translates into Enhanced NK Cell-Mediated Tumor Cell Lysis and Improved Proinflammatory Cytokine Release of Bispecific Immunoligands via Nkp30 Engagement. <i>Journal of Immunology</i> , 2021, 206, 225-236.	0.8	32
60	Regulatory functions of $\hat{\beta}\hat{\gamma}$ T cells. <i>International Immunopharmacology</i> , 2013, 16, 382-387.	3.8	31
61	Influence of Indoleamine-2,3-Dioxygenase and Its Metabolite Kynurenine on $\hat{\beta}\hat{\gamma}$ T Cell Cytotoxicity against Ductal Pancreatic Adenocarcinoma Cells. <i>Cells</i> , 2020, 9, 1140.	4.1	31
62	Detection of the 4977 bp deletion of mitochondrial DNA in different human blood cells. <i>Experimental Gerontology</i> , 2004, 39, 181-188.	2.8	30
63	Monitoring and functional characterization of the lymphocytic compartment in pancreatic ductal adenocarcinoma patients. <i>Pancreatology</i> , 2016, 16, 1069-1079.	1.1	28
64	$\hat{\beta}\hat{\gamma}$ gene usage in peripheral blood $\hat{\beta}\hat{\gamma}$ T cells. <i>Immunology Letters</i> , 1993, 38, 121-126.	2.5	26
65	CD20-Specific Immunoligands Engaging NKG2D Enhance $\hat{\beta}\hat{\gamma}$ T Cell-Mediated Lysis of Lymphoma Cells. <i>Scandinavian Journal of Immunology</i> , 2017, 86, 196-206.	2.7	25
66	An Optimized Method for the Functional Analysis of Human Regulatory T Cells. <i>Scandinavian Journal of Immunology</i> , 2006, 64, 353-360.	2.7	24
67	$\hat{\beta}\hat{\gamma}$ T Cells: Can We Re-Purpose a Potent Anti-Infection Mechanism for Cancer Therapy?. <i>Cells</i> , 2020, 9, 829.	4.1	22
68	POLE Score: a comprehensive profiling of programmed death 1 ligand 1 expression in pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2019, 10, 1572-1588.	1.8	22
69	Markers of operational immune tolerance after pediatric liver transplantation in patients under immunosuppression. <i>Pediatric Transplantation</i> , 2013, 17, 348-354.	1.0	21
70	$\hat{\beta}\hat{\gamma}$ T cells, their T cell receptor usage and role in human diseases. <i>Seminars in Immunopathology</i> , 1999, 21, 55-76.	4.0	20
71	Anti-CD3 Fab Fragments Enhance Tumor Killing by Human $\hat{\beta}\hat{\gamma}$ T Cells Independent of Nck Recruitment to the $\hat{\beta}\hat{\gamma}$ T Cell Antigen Receptor. <i>Frontiers in Immunology</i> , 2018, 9, 1579.	4.8	19
72	Human $\hat{\beta}\hat{\gamma}$ T Cells Produce the Protease Inhibitor and Antimicrobial Peptide Elafin. <i>Scandinavian Journal of Immunology</i> , 2009, 70, 547-552.	2.7	18

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73	Activation of Human $\gamma\delta$ T Cells: Modulation by Toll-Like Receptor 8 Ligands and Role of Monocytes. <i>Cells</i> , 2020, 9, 713.	4.1	18
74	MicroRNA-212/ABCG2-axis contributes to development of imatinib-resistance in leukemic cells. <i>Oncotarget</i> , 2017, 8, 92018-92031.	1.8	18
75	Aminobisphosphonates and Toll-Like Receptor Ligands: Recruiting $\gamma\delta$ T Cells for the Treatment of Hematologic Malignancy. <i>Current Medicinal Chemistry</i> , 2011, 18, 5206-5216.	2.4	17
76	ADAM17 inhibition enhances platinum efficiency in ovarian cancer. <i>Oncotarget</i> , 2018, 9, 16043-16058.	1.8	17
77	Reciprocal alterations of Th1/Th2 function in $\gamma\delta$ T-cell subsets of human immunodeficiency virus-1-infected patients. <i>British Journal of Haematology</i> , 2002, 118, 282-288.	2.5	16
78	Inhibition of Human $\gamma\delta$ T Cell Proliferation and Effector Functions by Neutrophil Serine Proteases. <i>Scandinavian Journal of Immunology</i> , 2014, 80, 381-389.	2.7	16
79	Galectin-3 Released by Pancreatic Ductal Adenocarcinoma Suppresses $\gamma\delta$ T Cell Proliferation but Not Their Cytotoxicity. <i>Frontiers in Immunology</i> , 2020, 11, 1328.	4.8	16
80	Cell-surface expression of transrearranged $\gamma\delta$ T-cell receptor chains in healthy donors and in ataxia telangiectasia patients. <i>British Journal of Haematology</i> , 2000, 109, 201-210.	2.5	15
81	The Responsiveness of Human $\gamma\delta$ T Cells to <i>Borrelia burgdorferi</i> is Largely Restricted to Synovial Fluid Cells from Patients with Lyme Arthritis. <i>Journal of Infectious Diseases</i> , 2002, 186, 1043-1046.	4.0	14
82	Inositol α -Trisphosphate Reduces Alveolar Apoptosis and Pulmonary Edema in Neonatal Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 158-169.	2.9	14
83	18:1/18:1-Dioleoyl-phosphatidylglycerol prevents alveolar epithelial apoptosis and profibrotic stimulus in a neonatal piglet model of acute respiratory distress syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2014, 28, 25-34.	2.6	14
84	Real-time cell analysis (RTCA) to measure killer cell activity against adherent tumor cells in vitro. <i>Methods in Enzymology</i> , 2020, 631, 429-441.	1.0	14
85	Differential Expression of Natural Killer Receptors on $\gamma\delta$ T Cells in HIV-1-Infected Individuals. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2003, 33, 420-425.	2.1	13
86	In vitro expansion of $\gamma\delta$ T cells for immunotherapy. <i>Methods in Enzymology</i> , 2020, 631, 223-237.	1.0	13
87	Pitfalls in the characterization of circulating and tissue-resident human $\gamma\delta$ T cells. <i>Journal of Leukocyte Biology</i> , 2020, 107, 1097-1105.	3.3	12
88	DNA methylation profiling of hepatosplenic T-cell lymphoma. <i>Haematologica</i> , 2019, 104, e104-e107.	3.5	11
89	poly(I:C) costimulation induces a stronger antiviral chemokine and granzyme B release in human CD4 T cells than CD28 costimulation. <i>Journal of Leukocyte Biology</i> , 2012, 92, 765-774.	3.3	9
90	Topical application of phosphatidylcholine, inositol α -bisphosphate for acute lung injury in neonatal swine. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2813-2826.	3.6	9

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91	VÎ2 T cell deficiency in granulomatosis with polyangiitis (Wegener's granulomatosis). <i>Clinical Immunology</i> , 2013, 149, 65-72.	3.2	8
92	Initiation of Pancreatic Cancer: The Interplay of Hyperglycemia and Macrophages Promotes the Acquisition of Malignancy-Associated Properties in Pancreatic Ductal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5086.	4.1	8
93	Stimulatory and inhibitory activity of STING ligands on tumor-reactive human gamma/delta T cells. <i>OncoImmunology</i> , 2022, 11, 2030021.	4.6	7
94	Functional Expression of NOD2 in Freshly Isolated Human Peripheral Blood Î³Î T Cells. <i>Scandinavian Journal of Immunology</i> , 2011, 74, 126-134.	2.7	6
95	Tumor cell lysis and synergistically enhanced antibody-dependent cell-mediated cytotoxicity by NKG2D engagement with a bispecific immunoligand targeting the HER2 antigen. <i>Biological Chemistry</i> , 2021, .	2.5	6
96	Mechanism of Î³Î T-Cell-Mediated Inhibition of Stem Cell Differentiation in Vitro: Possible Relevance for Myelosuppression in HIV-Infected Individuals. <i>Cellular Immunology</i> , 1998, 184, 26-36.	3.0	5
97	Inflammation Associated Pancreatic Tumorigenesis: Upregulation of Succinate Dehydrogenase (Subunit B) Reduces Cell Growth of Pancreatic Ductal Epithelial Cells. <i>Cancers</i> , 2020, 12, 42.	3.7	5
98	Monocyte-dependent co-stimulation of cytokine induction in human Î³Î T cells by TLR8 RNA ligands. <i>Scientific Reports</i> , 2021, 11, 15231.	3.3	5
99	Novel synthesis of fluorochrome-coupled zoledronate with preserved functional activity on gamma/delta T cells and tumor cells. <i>MedChemComm</i> , 2015, 6, 919-925.	3.4	3
100	Measurement of cellular proliferation. <i>Methods in Microbiology</i> , 2002, 32, 77-97.	0.8	2
101	Regulation of Cytokine Production by Î³Î T Cells. <i>Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents</i> , 2005, 4, 153-160.	0.4	2
102	Î³Î T cells, their T cell receptor usage and role in human diseases. <i>Seminars in Immunopathology</i> , 1999, 21, 55-75.	4.0	2
103	Differential Poly(I:C) Responses of Human VÎ9VÎ2 T Cells Stimulated with Pyrophosphates Versus Aminobisphosphonates. <i>The Open Immunology Journal</i> , 2009, 2, 135-142.	1.5	1
104	Subsets of Human Î³d Lymphocytes. , 1996, , 35-49.		0