Daniela Wesch

List of Publications by Year
in descending order

104 papers	5,211 citations	57631 44 h-index	95083 68 g-index
105 all docs	105 docs citations	105 times ranked	5505 citing authors

#	Article	IF	Citations
1	Perspectives of Î³Î´ T Cells in Tumor Immunology: Figure 1.. Cancer Research, 2007, 67, 5-8.	0.4	253
2	Lysis of a Broad Range of Epithelial Tumour Cells by Human <i>Î³</i><i>Î´</i> T Cells: Involvement of NKG2D ligands and Tâ€cell Receptorâ€•versus NKG2Dâ€dependent Recognition. Scandinavian Journal of Immunology, 2007, 66, 320-328.	1.3	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.	2.3	170
4	Characterization of Tumor Reactivity of Human VÎ³9VÎ´2 Î³Î´ T Cells In Vitro and in SCID Mice In Vivo. Journal of Immunology, 2004, 173, 6767-6776.	0.4	164
5	The Î³Î´TCR combines innate immunity with adaptive immunity by utilizing spatially distinct regions for agonist selection and antigen responsiveness. Nature Immunology, 2018, 19, 1352-1365.	7.0	163
6	Direct Costimulatory Effect of TLR3 Ligand Poly(I:C) on Human Î³Î´ T Lymphocytes. Journal of Immunology, 2006, 176, 1348-1354.	0.4	150
7	Patterns of Chemokine Receptor Expression on Peripheral Blood Î³Î´ T Lymphocytes: Strong Expression of CCR5 Is a Selective Feature of VÎ´2/VÎ³9 Î³Î´ T Cells. Journal of Immunology, 2002, 168, 4920-4929.	0.4	147
8	Novel Bispecific Antibodies Increase Î³Î´ T-Cell Cytotoxicity against Pancreatic Cancer Cells. Cancer Research, 2014, 74, 1349-1360.	0.4	133
9	Differentiation of Resting Human Peripheral Blood Î³Î´ T Cells toward Th1- or Th2-Phenotype. Cellular Immunology, 2001, 212, 110-117.	1.4	131
10	Innate immune functions of human Î³Î´ T cells. Immunobiology, 2008, 213, 173-182.	0.8	123
11	Modulation of Î³Î´ T cell responses by TLR ligands. Cellular and Molecular Life Sciences, 2011, 68, 2357-2370.	2.4	110
12	Antigen Recognition by Human Î³Î´ T Lymphocytes. International Archives of Allergy and Immunology, 2000, 122, 1-7.	0.9	101
13	Differential expression of CD126 and CD130 mediates different STAT-3 phosphorylation in CD4+CD25âˆ’ and CD25high regulatory T cells. International Immunology, 2006, 18, 555-563.	1.8	97
14	Features and Functions of gd T Lymphocytes: Focus on Chemokines and Their Receptors. Critical Reviews in Immunology, 2003, 23, 339-370.	1.0	92
15	Toll-like Receptors 3 and 7 Agonists Enhance Tumor Cell Lysis by Human Î³Î´ T Cells. Cancer Research, 2009, 69, 8710-8717.	0.4	90
16	Regulation of Regulatory T Cells: Role of Dendritic Cells and Toll-Like Receptors. Critical Reviews in Immunology, 2006, 26, 291-306.	1.0	86
17	Tribody [(HER2)2xCD16] Is More Effective Than Trastuzumab in Enhancing Î³Î´ T Cell and Natural Killer Cell Cytotoxicity Against HER2-Expressing Cancer Cells. Frontiers in Immunology, 2018, 9, 814.	2.2	84
18	The Ambiguous Role of Î³Î´ T Lymphocytes in Antitumor Immunity. Trends in Immunology, 2017, 38, 668-678.	2.9	82

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19	Tollâ€Like Receptor Expression and Function in Subsets of Human Î³Î´ T Lymphocytes. Scandinavian Journal of Immunology, 2009, 70, 245-255.	1.3	80
20	Sex-specific phenotypical and functional differences in peripheral human VÂ9/VÂ2 T cells. Journal of Leukocyte Biology, 2006, 79, 663-666.	1.5	79
21	Phenotype and regulation of immunosuppressive VÎ´2-expressing Î³Î´ T cells. Cellular and Molecular Life Sciences, 2014, 71, 1943-1960.	2.4	76
22	Activation and Activation-Driven Death of Human gammadelta T Cells. Immunological Reviews, 1991, 120, 71-88.	2.8	72
23	T cell receptor Î³Î´ repertoire in HIV-1-infected individuals. European Journal of Immunology, 1994, 24, 3044-3049.	1.6	72
24	Regulation of T cell activation by TLR ligands. European Journal of Cell Biology, 2011, 90, 582-592.	1.6	72
25	Regulatory Interactions Between Neutrophils, Tumor Cells and T Cells. Frontiers in Immunology, 2019, 10, 1690.	2.2	71
26	Comparative Characterization of Stroma Cells and Ductal Epithelium in Chronic Pancreatitis and Pancreatic Ductal Adenocarcinoma. PLoS ONE, 2014, 9, e94357.	1.1	70
27	Human VÎ´2 T cells are a major source of interleukin-9. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12520-12525.	3.3	68
28	Comparative analysis of Î±Î² and Î³Î´ T cell activation byMycobacterium tuberculosis and isopentenyl pyrophosphate. European Journal of Immunology, 1997, 27, 952-956.	1.6	66
29	Differential but Direct Abolishment of Human Regulatory T Cell Suppressive Capacity by Various TLR2 Ligands. Journal of Immunology, 2010, 184, 4733-4740.	0.4	66
30	Î³Î´ T cells in cancer immunotherapy: current status and future prospects. Immunotherapy, 2009, 1, 663-678.	1.0	65
31	NKG2D- and T-cell receptor-dependent lysis of malignant glioma cell lines by human Î³Î´ T cells: Modulation by temozolomide and A disintegrin and metalloproteases 10 and 17 inhibitors. OncoImmunology, 2016, 5, e1093276.	2.1	63
32	Epithelial Defence by Î³Î´ T Cells. International Archives of Allergy and Immunology, 2005, 137, 73-81.	0.9	61
33	Regulatory functions of Î³Î´ T cells. Cellular and Molecular Life Sciences, 2018, 75, 2125-2135.	2.4	60
34	Potential of human Î³Î´ T lymphocytes for immunotherapy of cancer. International Journal of Cancer, 2004, 112, 727-732.	2.3	59
35	Different properties of VEGF-antagonists: Bevacizumab but not Ranibizumab accumulates in RPE cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 1601-1608.	1.0	59
36	Human Gamma Delta T Regulatory Cells in Cancer: Fact or Fiction?. Frontiers in Immunology, 2014, 5, 598.	2.2	59

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37	Human VÎ´2 versus non-VÎ´2 Î³Î´ T cells in antitumor immunity. OncoImmunology, 2013, 2, e23304.	2.1	58
38	Identification of the complete expressed human TCR V gamma repertoire by flow cytometry. International Immunology, 1997, 9, 1065-1072.	1.8	57
39	Î³Î´ T cell activation by bispecific antibodies. Cellular Immunology, 2015, 296, 41-49.	1.4	54
40	Analysis of the TCR Vgamma repertoire in healthy donors and HIV-1- infected individuals. International Immunology, 1998, 10, 1067-1075.	1.8	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. European Journal of Immunology, 1996, 26, 557-562.	1.6	49
42	Caspase Inhibition Blocks Human T Cell Proliferation by Suppressing Appropriate Regulation of IL-2, CD25, and Cell Cycle-Associated Proteins. Journal of Immunology, 2004, 173, 5077-5085.	0.4	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. Cell Reports, 2014, 7, 1704-1715.	2.9	47
44	Influence of physical activity on the immune system in breast cancer patients during chemotherapy. Journal of Cancer Research and Clinical Oncology, 2018, 144, 579-586.	1.2	47
45	Activation of Toll-like Receptor 2 (TLR2) induces Interleukin-6 trans-signaling. Scientific Reports, 2019, 9, 7306.	1.6	44
46	Physical activity influences the immune system of breast cancer patients. Journal of Cancer Research and Therapeutics, 2017, 13, 392-398.	0.3	44
47	TGF-Î² enhances the cytotoxic activity of VÎ´2 T cells. OncoImmunology, 2019, 8, e1522471.	2.1	43
48	Immune Suppression by Î³Î´ T-cells as a Potential Regulatory Mechanism After Cancer Vaccination With IL-12 Secreting Dendritic Cells. Journal of Immunotherapy, 2010, 33, 40-52.	1.2	42
49	Resistance of cyclooxygenase-2 expressing pancreatic ductal adenocarcinoma cells against Î³Î´ T cell cytotoxicity. OncoImmunology, 2015, 4, e988460.	2.1	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. OncoImmunology, 2015, 4, e1000083.	2.1	39
51	In-depth immunophenotyping of patients with glioblastoma multiforme: Impact of steroid treatment. OncoImmunology, 2017, 6, e1358839.	2.1	37
52	Increase in VÎ´1+ Î³Î´ T cells in the peripheral blood and bone marrow as a selective feature of HIV-1 but not other virus infections. British Journal of Haematology, 1998, 100, 728-734.	1.2	35
53	Human Î³Î´ T cells. Immunologic Research, 2007, 37, 97-111.	1.3	35
54	Bispecific antibodies enhance tumor-infiltrating T cell cytotoxicity against autologous HER-2-expressing high-grade ovarian tumors. Journal of Leukocyte Biology, 2020, 107, 1081-1095.	1.5	35

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55	Monitoring Circulating ÃŽÂ³ÃŽÂ´ T Cells in Cancer Patients to Optimize ÃŽÂ³ÃŽÂ´ T Cell-Based Immunotherapy. Frontiers in Immunology, 2014, 5, 643.	2.2	34
56	L1CAM promotes enrichment of immunosuppressive T cells in human pancreatic cancer correlating with malignant progression. Molecular Oncology, 2014, 8, 982-997.	2.1	34
57	Tumor resistance mechanisms and their consequences on Î³Î´ T cell activation. Immunological Reviews, 2020, 298, 84-98.	2.8	33
58	TRAIL-Receptor 4 Modulates Î³Î´ T Cell-Cytotoxicity Toward Cancer Cells. Frontiers in Immunology, 2019, 10, 2044.	2.2	32
59	Affinity Maturation of B7-H6 Translates into Enhanced NK Cellâ€"Mediated Tumor Cell Lysis and Improved Proinflammatory Cytokine Release of Bispecific Immunoligands via NKp30 Engagement. Journal of Immunology, 2021, 206, 225-236.	0.4	32
60	Regulatory functions of Î³Î´ T cells. International Immunopharmacology, 2013, 16, 382-387.	1.7	31
61	Influence of Indoleamine-2,3-Dioxygenase and Its Metabolite Kynurenine on Î³Î´ T Cell Cytotoxicity against Ductal Pancreatic Adenocarcinoma Cells. Cells, 2020, 9, 1140.	1.8	31
62	Detection of the 4977 bp deletion of mitochondrial DNA in different human blood cells. Experimental Gerontology, 2004, 39, 181-188.	1.2	30
63	Monitoring and functional characterization of the lymphocytic compartment in pancreatic ductal adenocarcinoma patients. Pancreatology, 2016, 16, 1069-1079.	0.5	28
64	VÎ³ gene usage in peripheral blood Î³Î´ T cells. Immunology Letters, 1993, 38, 121-126.	1.1	26
65	CD20â€Specific Immunoligands Engaging NKG2D Enhance Î³Î´ T Cellâ€Mediated Lysis of Lymphoma Cells. Scandinavian Journal of Immunology, 2017, 86, 196-206.	1.3	25
66	An Optimized Method for the Functional Analysis of Human Regulatory T Cells. Scandinavian Journal of Immunology, 2006, 64, 353-360.	1.3	24
67	VÎ³9VÎ´2 T Cells: Can We Re-Purpose a Potent Anti-Infection Mechanism for Cancer Therapy?. Cells, 2020, 9, 829.	1.8	22
68	POLE Score: a comprehensive profiling of programmed death 1 ligand 1 expression in pancreatic ductal adenocarcinoma. Oncotarget, 2019, 10, 1572-1588.	0.8	22
69	Markers of operational immune tolerance after pediatric liver transplantation in patients under immunosuppression. Pediatric Transplantation, 2013, 17, 348-354.	0.5	21
70	?? T cells, their T cell receptor usage and role in human diseases. Seminars in Immunopathology, 1999, 21, 55-76.	4.0	20
71	Anti-CD3 Fab Fragments Enhance Tumor Killing by Human Î³Î´ T Cells Independent of Nck Recruitment to the Î³Î´ T Cell Antigen Receptor. Frontiers in Immunology, 2018, 9, 1579.	2.2	19
72	Human Î³Î´ T Cells Produce the Protease Inhibitor and Antimicrobial Peptide Elafin. Scandinavian Journal of Immunology, 2009, 70, 547-552.	1.3	18

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73	Activation of Human Î³Î´ T Cells: Modulation by Toll-Like Receptor 8 Ligands and Role of Monocytes. Cells, 2020, 9, 713.	1.8	18
74	MicroRNA-212/ABCG2-axis contributes to development of imatinib-resistance in leukemic cells. Oncotarget, 2017, 8, 92018-92031.	0.8	18
75	Aminobisphosphonates and Toll-Like Receptor Ligands: Recruiting Vγ9Vδ2 T Cells for the Treatment of Hematologic Malignancy. Current Medicinal Chemistry, 2011, 18, 5206-5216.	1.2	17
76	ADAM17 inhibition enhances platinum efficiency in ovarian cancer. Oncotarget, 2018, 9, 16043-16058.	0.8	17
77	Reciprocal alterations of Th1/Th2 function in Î³Î´ T-cell subsets of human immunodeficiency virus-1-infected patients. British Journal of Haematology, 2002, 118, 282-288.	1.2	16
78	Inhibition of Human <i>Î³Î´ </i><scp>T</scp> Cell Proliferation and Effector Functions by Neutrophil Serine Proteases. Scandinavian Journal of Immunology, 2014, 80, 381-389.	1.3	16
79	Galectin-3 Released by Pancreatic Ductal Adenocarcinoma Suppresses Î³Î´ T Cell Proliferation but Not Their Cytotoxicity. Frontiers in Immunology, 2020, 11, 1328.	2.2	16
80	Cell-surface expression of transrearranged VÎ³-CÎ² T-cell receptor chains in healthy donors and in ataxia telangiectasia patients. British Journal of Haematology, 2000, 109, 201-210.	1.2	15
81	The Responsiveness of Human VÎ´1 Î³Î´ T Cells toBorrelia burgdorferiIs Largely Restricted to Synovialâ€Fluid Cells from Patients with Lyme Arthritis. Journal of Infectious Diseases, 2002, 186, 1043-1046.	1.9	14
82	Inositolâ€“Trisphosphate Reduces Alveolar Apoptosis and Pulmonary Edema in Neonatal Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 158-169.	1.4	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. Pulmonary Pharmacology and Therapeutics, 2014, 28, 25-34.	1.1	14
84	Real-time cell analysis (RTCA) to measure killer cell activity against adherent tumor cells in vitro. Methods in Enzymology, 2020, 631, 429-441.	0.4	14
85	Differential Expression of Natural Killer Receptors on VÎ´1 Î³Î´ T Cells in HIV-1-Infected Individuals. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 33, 420-425.	0.9	13
86	In vitro expansion of VÎ³9VÎ´2 T cells for immunotherapy. Methods in Enzymology, 2020, 631, 223-237.	0.4	13
87	Pitfalls in the characterization of circulating and tissue-resident human Î³Î´ T cells. Journal of Leukocyte Biology, 2020, 107, 1097-1105.	1.5	12
88	DNA methylation profiling of hepatosplenic T-cell lymphoma. Haematologica, 2019, 104, e104-e107.	1.7	11
89	poly(I:C) costimulation induces a stronger antiviral chemokine and granzyme B release in human CD4 T cells than CD28 costimulation. Journal of Leukocyte Biology, 2012, 92, 765-774.	1.5	9
90	Topical application of phosphatidylâ€inositolâ€3,5â€bisphosphate for acute lung injury in neonatal swine. Journal of Cellular and Molecular Medicine, 2012, 16, 2813-2826.	1.6	9

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91	VÎ´2 T cell deficiency in granulomatosis with polyangiitis (Wegener's granulomatosis). Clinical Immunology, 2013, 149, 65-72.	1.4	8
92	Initiation of Pancreatic Cancer: The Interplay of Hyperglycemia and Macrophages Promotes the Acquisition of Malignancy-Associated Properties in Pancreatic Ductal Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 5086.	1.8	8
93	Stimulatory and inhibitory activity of STING ligands on tumor-reactive human gamma/delta T cells. OncoImmunology, 2022, 11, 2030021.	2.1	7
94	Functional Expression of NOD2 in Freshly Isolated Human Peripheral Blood Î³Î´ T Cells. Scandinavian Journal of Immunology, 2011, 74, 126-134.	1.3	6
95	Tumor cell lysis and synergistically enhanced antibody-dependent cell-mediated cytotoxicity by NKG2D engagement with a bispecific immunoligand targeting the HER2 antigen. Biological Chemistry, 2021, .	1.2	6
96	Mechanism of Î³Î´ T-Cell-Mediated Inhibition of Stem Cell Differentiationin Vitro:Possible Relevance for Myelosuppression in HIV-Infected Individuals. Cellular Immunology, 1998, 184, 26-36.	1.4	5
97	Inflammation Associated Pancreatic Tumorigenesis: Upregulation of Succinate Dehydrogenase (Subunit B) Reduces Cell Growth of Pancreatic Ductal Epithelial Cells. Cancers, 2020, 12, 42.	1.7	5
98	Monocyte-dependent co-stimulation of cytokine induction in human Î³Î´ T cells by TLR8 RNA ligands. Scientific Reports, 2021, 11, 15231.	1.6	5
99	Novel synthesis of fluorochrome-coupled zoledronate with preserved functional activity on gamma/delta T cells and tumor cells. MedChemComm, 2015, 6, 919-925.	3.5	3
100	Measurement of cellular proliferation. Methods in Microbiology, 2002, 32, 77-97.	0.4	2
101	Regulation of Cytokine Production by γδ T Cells. Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents, 2005, 4, 153-160.	0.4	2
102	Î³Î´ T cells, their T cell receptor usage and role in human diseases. Seminars in Immunopathology, 1999, 21, 55-75.	4.0	2
103	Differential Poly(I:C) Responses of Human VÎ³9VÎ´2 T Cells Stimulated with Pyrophosphates Versus Aminobisphosphonates. The Open Immunology Journal, 2009, 2, 135-142.	1.5	1
104	Subsets of Human ?d Lymphocytes. , 1996, , 35-49.		0