Bruno Silva-Santos

List of Publications by Year
in descending order

102 papers	8,512 citations	38742 50 h-index	49909 87 g-index
109 all docs	109 docs citations	109 times ranked	10595 citing authors

#	Article	IF	Citations
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
2	CD27 is a thymic determinant of the balance between interferon-Î³- and interleukin 17â€“producing Î³Î´ T cell subsets. Nature Immunology, 2009, 10, 427-436.	14.5	548
3	Î³Î´ T cells in cancer. Nature Reviews Immunology, 2015, 15, 683-691.	22.7	464
4	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
5	Translating gammadelta (Î³Î´) T cells and their receptors into cancer cell therapies. Nature Reviews Drug Discovery, 2020, 19, 169-184.	46.4	265
6	Î³Î´ T cells: pleiotropic immune effectors with therapeutic potential in cancer. Nature Reviews Cancer, 2019, 19, 392-404.	28.4	255
7	IL-17+ Î³Î´ T cells as kick-starters of inflammation. Nature Immunology, 2017, 18, 604-611.	14.5	231
8	Î³Î´ T cells in tissue physiology and surveillance. Nature Reviews Immunology, 2021, 21, 221-232.	22.7	230
9	Meningeal Î³Î´ T cellâ€“derived IL-17 controls synaptic plasticity and short-term memory. Science Immunology, 2019, 4, .	11.9	184
10	Murine CD27 ^(â^') VÎ³6 ⁽⁺⁾ Î³Î´ T cells producing IL-17A promote ovarian cancer growth via mobilization of protumor small peritoneal macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3562-70.	7.1	176
11	Differentiation of human peripheral blood VÎ´1+ T cells expressing the natural cytotoxicity receptor NKp30 for recognition of lymphoid leukemia cells. Blood, 2011, 118, 992-1001.	1.4	171
12	Functional development of Î³Î´ <scp>T</scp> cells. European Journal of Immunology, 2013, 43, 1988-1994.	2.9	170
13	Delta One T Cells for Immunotherapy of Chronic Lymphocytic Leukemia: Clinical-Grade Expansion/Differentiation and Preclinical Proof of Concept. Clinical Cancer Research, 2016, 22, 5795-5804.	7.0	153
14	Natural Cytotoxicity Receptors: Broader Expression Patterns and Functions in Innate and Adaptive Immune Cells. Frontiers in Immunology, 2013, 4, 69.	4.8	141
15	Lymphotoxin-Mediated Regulation of ÂÂ Cell Differentiation by ÂÂ T Cell Progenitors. Science, 2005, 307, 925-928.	12.6	140
16	Protective Role of the Inflammatory CCR2/CCL2 Chemokine Pathway through Recruitment of Type 1 Cytotoxic Î³Î´ T Lymphocytes to Tumor Beds. Journal of Immunology, 2013, 190, 6673-6680.	0.8	140
17	Identification of Regulatory Foxp3+ Invariant NKT Cells Induced by TGF-Î². Journal of Immunology, 2010, 185, 2157-2163.	0.8	134
18	The split nature of tumor-infiltrating leukocytes. OncoImmunology, 2012, 1, 717-725.	4.6	131

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19	Targeting Î³Î´ T Lymphocytes for Cancer Immunotherapy: From Novel Mechanistic Insight to Clinical Application. Cancer Research, 2010, 70, 10024-10027.	0.9	128
20	Thymic Determinants of Î³Î´ T Cell Differentiation. Trends in Immunology, 2017, 38, 336-344.	6.8	123
21	Epithelial and dendritic cells in the thymic medulla promote CD4+Foxp3+ regulatory T cell development via the CD27â€“CD70 pathway. Journal of Experimental Medicine, 2013, 210, 715-728.	8.5	122
22	The inter-relatedness and interdependence of mouse T cell receptor Î³Î´+ and Î±Î²+ cells. Nature Immunology, 2003, 4, 991-998.	14.5	119
23	The MHC class Ib protein ULBP1 is a nonredundant determinant of leukemia/lymphoma susceptibility to Î³Î´ T-cell cytotoxicity. Blood, 2010, 115, 2407-2411.	1.4	117
24	TCR signal strength controls thymic differentiation of discrete proinflammatory Î³Î´ T cell subsets. Nature Immunology, 2016, 17, 721-727.	14.5	114
25	Five Layers of Receptor Signaling in ÃŽÂ³ÃŽÂ´ T-Cell Differentiation and Activation. Frontiers in Immunology, 2015, 6, 15.	4.8	99
26	Distinct metabolic programs established in the thymus control effector functions of Î³Î´ T cell subsets in tumor microenvironments. Nature Immunology, 2021, 22, 179-192.	14.5	99
27	Cutting Edge: Adaptive Versus Innate Receptor Signals Selectively Control the Pool Sizes of Murine IFN-Î³â€“ or IL-17â€“Producing Î³Î´ T Cells upon Infection. Journal of Immunology, 2010, 185, 6421-6425.	0.8	98
28	Epigenetic and transcriptional signatures of stable versus plastic differentiation of proinflammatory Î³Î´ T cell subsets. Nature Immunology, 2013, 14, 1093-1100.	14.5	97
29	Strong TCRÎ³Î´ Signaling Prohibits Thymic Development of IL-17A-Secreting Î³Î´ T Cells. Cell Reports, 2017, 19, 2469-2476.	6.4	96
30	Human Î³Î´ Thymocytes Are Functionally Immature and Differentiate into Cytotoxic Type 1 Effector T Cells upon IL-2/IL-15 Signaling. Journal of Immunology, 2014, 192, 2237-2243.	0.8	93
31	Innately versatile: Î³Î´17ÂT cells in inflammatory and autoimmune diseases. Journal of Autoimmunity, 2018, 87, 26-37.	6.5	93
32	Engagement of NKp30 on VÎ´1 T cells induces the production of CCL3, CCL4, and CCL5 and suppresses HIV-1 replication. Blood, 2012, 119, 4013-4016.	1.4	92
33	IL-17 triggers the onset of cognitive and synaptic deficits in early stages of Alzheimerâ€™s disease. Cell Reports, 2021, 36, 109574.	6.4	88
34	Early events in the thymus affect the balance of effector and regulatory T cells. Nature, 2006, 444, 1073-1077.	27.8	87
35	Tumor-associated neutrophils suppress pro-tumoral IL-17+ Î³Î´ T cells through induction of oxidative stress. PLoS Biology, 2018, 16, e2004990.	5.6	86
36	Tumor cell recognition by Î³Î´ T lymphocytes. OncoImmunology, 2013, 2, e22892.	4.6	83

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37	CD70â€“CD27 interactions provide survival and proliferative signals that regulate T cell receptorâ€driven activation of human Î³Î´ peripheral blood lymphocytes. European Journal of Immunology, 2011, 41, 195-201.	2.9	82
38	Single-Cell Transcriptomics Identifies the Adaptation of Scart1+ VÎ³6+ T Cells to Skin Residency as Activated Effector Cells. Cell Reports, 2019, 27, 3657-3671.e4.	6.4	79
39	NKp46-expressing human gut-resident intraepithelial VÎ´1 T cell subpopulation exhibits high antitumor activity against colorectal cancer. JCI Insight, 2019, 4, .	5.0	77
40	B7â€“CD28 Costimulatory Signals Control the Survival and Proliferation of Murine and Human Î³Î´ T Cells via IL-2 Production. Journal of Immunology, 2012, 189, 1202-1208.	0.8	72
41	The Emerging Protumor Role of Î³Î´ T Lymphocytes: Implications for Cancer Immunotherapy. Cancer Research, 2015, 75, 798-802.	0.9	71
42	Intraâ€tumour heterogeneity â€“ going beyond genetics. FEBS Journal, 2016, 283, 2245-2258.	4.7	70
43	Molecular Determinants of Target Cell Recognition by Human Î³Î´ T Cells. Frontiers in Immunology, 2018, 9, 929.	4.8	68
44	Broad Cytotoxic Targeting of Acute Myeloid Leukemia by Polyclonal Delta One T Cells. Cancer Immunology Research, 2019, 7, 552-558.	3.4	67
45	Effector Î³Î´ T Cell Differentiation Relies on Master but Not Auxiliary Th Cell Transcription Factors. Journal of Immunology, 2016, 196, 3642-3652.	0.8	65
46	Î³Î´ T cell development â€” having the strength to get there. Current Opinion in Immunology, 2005, 17, 108-115.	5.5	64
47	Identification of a panel of ten cell surface protein antigens associated with immunotargeting of leukemias and lymphomas by peripheral blood ÂÂ T cells. Haematologica, 2010, 95, 1397-1404.	3.5	63
48	Searching forÂâ€œsignal 2â€• costimulation requirements of Î³Î´ T cells. Cellular and Molecular Life Sciences, 2011, 68, 2345-2355.	5.4	61
49	<scp>IL</scp> â€23 drives differentiation of peripheral Î³Î´17 T cells from adult bone marrowâ€derived precursors. EMBO Reports, 2017, 18, 1957-1967.	4.5	61
50	Primary Tumors Limit Metastasis Formation through Induction of IL15-Mediated Cross-Talk between Patrolling Monocytes and NK Cells. Cancer Immunology Research, 2017, 5, 812-820.	3.4	57
51	Highly Active Microbial Phosphoantigen Induces Rapid yet Sustained MEK/Erk- and PI-3K/Akt-Mediated Signal Transduction in Anti-Tumor Human Î³Î´ T-Cells. PLoS ONE, 2009, 4, e5657.	2.5	47
52	Pre-TCR signaling regulates IL-7 receptor Î± expression promoting thymocyte survival at the transition from the double-negative to double-positive stage. European Journal of Immunology, 2003, 33, 1968-1977.	2.9	46
53	Nonâ€classical major histocompatibility complex proteins as determinants of tumour immunosurveillance. EMBO Reports, 2007, 8, 1024-1030.	4.5	44
54	Crosstalk between Î³Î´ T cells and the microbiota. Nature Microbiology, 2021, 6, 1110-1117.	13.3	44

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55	At the Bench: Preclinical rationale for exploiting NK cells and Î³Î´ T lymphocytes for the treatment of high-risk leukemias. Journal of Leukocyte Biology, 2013, 94, 1123-1139.	3.3	43
56	From thymus to periphery: Molecular basis of effector Î³Î´â€T cell differentiation. Immunological Reviews, 2020, 298, 47-60.	6.0	42
57	Working in â€œNK Modeâ€• Natural Killer Group 2 Member D and Natural Cytotoxicity Receptors in Stress-Surveillance by Î³Î´ T Cells. Frontiers in Immunology, 2018, 9, 851.	4.8	41
58	Promoting angiogenesis within the tumor microenvironment: The secret life of murine lymphoid ILâ€17â€producing Î³Î´ T cells. European Journal of Immunology, 2010, 40, 1873-1876.	2.9	40
59	Molecular Mechanisms of Differentiation of Murine Pro-Inflammatory Î³Î´ T Cell Subsets. Frontiers in Immunology, 2013, 4, 431.	4.8	36
60	Crossâ€regulation between cytokine and microRNA pathways in TÂcells. European Journal of Immunology, 2015, 45, 1584-1595.	2.9	36
61	Epigenetic and transcriptional regulation of Î³Î´ T cell differentiation: Programming cells for responses in time and space. Seminars in Immunology, 2015, 27, 19-25.	5.6	34
62	Î³Î´-T cells promote IFN-Î³â€“dependentPlasmodiumpathogenesis upon liver-stage infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9979-9988.	7.1	34
63	A population of proinflammatory T cells coexpresses Î±Î² and Î³Î´ T cell receptors in mice and humans. Journal of Experimental Medicine, 2020, 217, .	8.5	33
64	VEGFR2â€“Mediated Reprogramming of Mitochondrial Metabolism Regulates the Sensitivity of Acute Myeloid Leukemia to Chemotherapy. Cancer Research, 2018, 78, 731-741.	0.9	32
65	Inhibition of murine Î³Î´ lymphocyte expansion and effector function by regulatory Î±Î² T cells is cellâ€contactâ€dependent and sensitive to GITR modulation. European Journal of Immunology, 2010, 40, 61-70.	2.9	30
66	PreTCR and TCRÎ³Î´ Signal Initiation in Thymocyte Progenitors Does Not Require Domains Implicated in Receptor Oligomerization. Science Signaling, 2011, 4, ra47.	3.6	27
67	Low-Density Lipoprotein Uptake Inhibits the Activation and Antitumor Functions of Human VÎ³9VÎ´2 T Cells. Cancer Immunology Research, 2018, 6, 448-457.	3.4	25
68	The Emerging Complexity of Î³ÎT17 Cells. Frontiers in Immunology, 2018, 9, 796.	4.8	25
69	High-throughput analysis of the human thymic VÎ´1+ T cell receptor repertoire. Scientific Data, 2019, 6, 115.	5.3	25
70	Low-dose ionizing radiation induces therapeutic neovascularization in a pre-clinical model of hindlimb ischemia. Cardiovascular Research, 2017, 113, 783-794.	3.8	24
71	MicroRNA-146a controls functional plasticity in Î³Î´ T cells by targeting NOD1. Science Immunology, 2018, 3, .	11.9	24
72	Lineage tracing of acute myeloid leukemia reveals the impact of hypomethylating agents on chemoresistance selection. Nature Communications, 2019, 10, 4986.	12.8	24

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73	Differentiation and Activation of Î³Î´ T Lymphocytes: Focus on CD27 and CD28 Costimulatory Receptors. Advances in Experimental Medicine and Biology, 2013, 785, 95-105.	1.6	23
74	Î³Î´ Tâ€cell conference 2012: Close encounters for the fifth time. European Journal of Immunology, 2012, 42, 3101-3105.	2.9	21
75	Toward a better understanding of TÂcells in cancer. Cancer Cell, 2021, 39, 1549-1552.	16.8	21
76	Î³Î´ cells making IL-17. Blood, 2011, 118, 3-5.	1.4	17
77	Control of T cell effector functions by miRNAs. Cancer Letters, 2018, 427, 63-73.	7.2	17
78	Subset-specific alterations in frequencies and functional signatures of Î³Î´ T cells in systemic sclerosis patients. Inflammation Research, 2016, 65, 985-994.	4.0	15
79	MicroRNA-181a regulates IFN-Î³ expression in effector CD8+ T cell differentiation. Journal of Molecular Medicine, 2020, 98, 309-320.	3.9	15
80	Î³Î´ T cells in malaria: a doubleâ€edged sword. FEBS Journal, 2021, 288, 1118-1129.	4.7	15
81	Immunization with genetically attenuated P52-deficient Plasmodium berghei sporozoites induces a long-lasting effector memory CD8+ T cell response in the liver. Journal of Immune Based Therapies and Vaccines, 2011, 9, 6.	2.4	14
82	The blind-spot of regulatory T cells. European Journal of Immunology, 2006, 36, 802-805.	2.9	11
83	Functional and metabolic dichotomy of murine Î³Î´ T cell subsets in cancer immunity. European Journal of Immunology, 2021, 51, 17-26.	2.9	10
84	Î³Î´ T cells get adaptive. Nature Immunology, 2017, 18, 370-372.	14.5	9
85	Decrease of perforin positive CD3+Î³Î´-T cells in patients with obstructive sleep disordered breathing. Sleep and Breathing, 2018, 22, 211-221.	1.7	9
86	Prevalence of SARS-CoV-2 Antibodies after First 6 Months of COVID-19 Pandemic, Portugal. Emerging Infectious Diseases, 2021, 27, 2878-2881.	4.3	9
87	Foxp3 induction in human and murine thymus precedes the CD4⁺ CD8⁺ stage but requires early Tâ€cell receptor expression. Immunology and Cell Biology, 2010, 88, 523-528.	2.3	7
88	Peripheral clonal selection shapes the human Î³Î´ T-cell repertoire. Cellular and Molecular Immunology, 2017, 14, 733-735.	10.5	6
89	Recruitment of Î³Î´ T lymphocytes to tumors. OncoImmunology, 2013, 2, e25461.	4.6	5
90	MicroRNAâ€181a restricts human Î³Î´ T cell differentiation by targeting Map3k2 and Notch2. EMBO Reports, 2022, 23, e52234.	4.5	5

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91	How to develop <scp>IL</scp>â€17â€producing Î³Î´ T cells. Immunology and Cell Biology, 2018, 96, 886-887.	2.3	4
92	Driving <scp>IL</scp>â€17⁺ Î³Î´ <scp>T</scp>â€cell migration in allergic reactions: A new â€œinflammatoryâ€•role for the â€œhomeostaticâ€•chemokine <scp>CCL</scp>25. European Journal of Immunology, 2012, 42, 1097-1101.	2.9	3
93	Got my Î³Î´17 T cells to keep me warm. Nature Immunology, 2018, 19, 427-429.	14.5	3
94	Epigenetic mechanisms in the regulation of lymphocyte differentiation. , 2020, , 77-116.		3
95	Developmental and Functional Assays to Study Murine and Human Î³Î´ T Cells. Methods in Molecular Biology, 2017, 1514, 257-267.	0.9	2
96	Editorial: Î³Î´ T Cells in Cancer. Frontiers in Immunology, 2020, 11, 602411.	4.8	2
97	New insights on murine Î³Î´ T cells from single-cell multi-omics. Science Bulletin, 2022, 67, 1102-1104.	9.0	2
98	Spotlight on Immunology under the Portuguese sun. European Journal of Immunology, 2011, 41, 1819-1821.	2.9	1
99	Role of CD3+Î³Î´-T cells in the association of obstructive sleep-disordered breathing and cancer. Sleep and Breathing, 2020, 24, 1673-1674.	1.7	1
100	Immunology's Twinning Triangle. European Journal of Immunology, 2016, 46, 2283-2285.	2.9	0
101	Meningeal Î³Î´ T Cells Impact on Cognition in Health and Disease. Biological Psychiatry, 2021, 89, S64-S65.	1.3	0
102	Multifaceted CK2 in malignant and healthy T cells. Oncotarget, 2017, 8, 90622-90623.	1.8	0