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	MicroRNAâ€181a restricts human Î³Î´ T cell differentiation by targeting Map3k2 and Notch2. EMBO Reports, 2022, 23, e52234.	4.5	5
2	New insights on murine Î³Î´ T cells from single-cell multi-omics. Science Bulletin, 2022, 67, 1102-1104.	9.0	2
3	Î³Î´ T cells in malaria: a doubleâ€edged sword. FEBS Journal, 2021, 288, 1118-1129.	4.7	15
4	Î³Î´ T cells in tissue physiology and surveillance. Nature Reviews Immunology, 2021, 21, 221-232.	22.7	230
5	Functional and metabolic dichotomy of murine Î³Î´ T cell subsets in cancer immunity. European Journal of Immunology, 2021, 51, 17-26.	2.9	10
6	Meningeal Î³Î´ T Cells Impact on Cognition in Health and Disease. Biological Psychiatry, 2021, 89, S64-S65.	1.3	0
7	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
8	Crosstalk between Î³Î´ T cells and the microbiota. Nature Microbiology, 2021, 6, 1110-1117.	13.3	44
9	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
10	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
11	Toward a better understanding of TÂcells in cancer. Cancer Cell, 2021, 39, 1549-1552.	16.8	21
12	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
13	Translating gammadelta (Î³Î´) T cells and their receptors into cancer cell therapies. Nature Reviews Drug Discovery, 2020, 19, 169-184.	46.4	265
14	Editorial: Î³Î´ T Cells in Cancer. Frontiers in Immunology, 2020, 11, 602411.	4.8	2
15	From thymus to periphery: Molecular basis of effector Î³Î´â€T cell differentiation. Immunological Reviews, 2020, 298, 47-60.	6.0	42
16	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
17	Epigenetic mechanisms in the regulation of lymphocyte differentiation. , 2020, , 77-116.		3
18	MicroRNA-181a regulates IFN-Î³ expression in effector CD8+ T cell differentiation. Journal of Molecular Medicine, 2020, 98, 309-320.	3.9	15

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19	High-throughput analysis of the human thymic VÎ´1+ T cell receptor repertoire. Scientific Data, 2019, 6, 115.	5.3	25
20	Meningeal Î³Î´ T cellâ€“derived IL-17 controls synaptic plasticity and short-term memory. Science Immunology, 2019, 4, .	11.9	184
21	Lineage tracing of acute myeloid leukemia reveals the impact of hypomethylating agents on chemoresistance selection. Nature Communications, 2019, 10, 4986.	12.8	24
22	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
23	Î³Î´ T cells: pleiotropic immune effectors with therapeutic potential in cancer. Nature Reviews Cancer, 2019, 19, 392-404.	28.4	255
24	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
25	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
26	Broad Cytotoxic Targeting of Acute Myeloid Leukemia by Polyclonal Delta One T Cells. Cancer Immunology Research, 2019, 7, 552-558.	3.4	67
27	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
28	Got my Î³Î´17 T cells to keep me warm. Nature Immunology, 2018, 19, 427-429.	14.5	3
29	Control of T cell effector functions by miRNAs. Cancer Letters, 2018, 427, 63-73.	7.2	17
30	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
31	MicroRNA-146a controls functional plasticity in Î³Î´ T cells by targeting NOD1. Science Immunology, 2018, 3, .	11.9	24
32	VEGFR2â€“Mediated Reprogramming of Mitochondrial Metabolism Regulates the Sensitivity of Acute Myeloid Leukemia to Chemotherapy. Cancer Research, 2018, 78, 731-741.	0.9	32
33	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
34	Innately versatile: Î³Î´17ÂT cells in inflammatory and autoimmune diseases. Journal of Autoimmunity, 2018, 87, 26-37.	6.5	93
35	How to develop <scp>IL</scp>â€17â€producing Î³Î´ T cells. Immunology and Cell Biology, 2018, 96, 886-887.	2.3	4
36	Tumor-associated neutrophils suppress pro-tumoral IL-17+ Î³Î´ T cells through induction of oxidative stress. PLoS Biology, 2018, 16, e2004990.	5.6	86

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37	The Emerging Complexity of Î³Î´T17 Cells. Frontiers in Immunology, 2018, 9, 796.	4.8	25
38	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
39	Molecular Determinants of Target Cell Recognition by Human Î³Î´ T Cells. Frontiers in Immunology, 2018, 9, 929.	4.8	68
40	Thymic Determinants of Î³Î´ T Cell Differentiation. Trends in Immunology, 2017, 38, 336-344.	6.8	123
41	Low-dose ionizing radiation induces therapeutic neovascularization in a pre-clinical model of hindlimb ischemia. Cardiovascular Research, 2017, 113, 783-794.	3.8	24
42	IL-17+ Î³Î´ T cells as kick-starters of inflammation. Nature Immunology, 2017, 18, 604-611.	14.5	231
43	Strong TCRÎ³Î´ Signaling Prohibits Thymic Development of IL-17A-Secreting Î³Î´ T Cells. Cell Reports, 2017, 19, 2469-2476.	6.4	96
44	Î³Î´ T cells get adaptive. Nature Immunology, 2017, 18, 370-372.	14.5	9
45	<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
46	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
47	Peripheral clonal selection shapes the human Î³Î´ T-cell repertoire. Cellular and Molecular Immunology, 2017, 14, 733-735.	10.5	6
48	Developmental and Functional Assays to Study Murine and Human Î³Î´ T Cells. Methods in Molecular Biology, 2017, 1514, 257-267.	0.9	2
49	Multifaceted CK2 in malignant and healthy T cells. Oncotarget, 2017, 8, 90622-90623.	1.8	0
50	Intraâ€tumour heterogeneity â€“ going beyond genetics. FEBS Journal, 2016, 283, 2245-2258.	4.7	70
51	TCR signal strength controls thymic differentiation of discrete proinflammatory Î³Î´ T cell subsets. Nature Immunology, 2016, 17, 721-727.	14.5	114
52	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
53	Immunology's Twinning Triangle. European Journal of Immunology, 2016, 46, 2283-2285.	2.9	0
54	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

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55	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
56	Crossâ€regulation between cytokine and microRNA pathways in TÂcells. European Journal of Immunology, 2015, 45, 1584-1595.	2.9	36
57	The Emerging Protumor Role of Î³Î´ T Lymphocytes: Implications for Cancer Immunotherapy. Cancer Research, 2015, 75, 798-802.	0.9	71
58	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
59	Five Layers of Receptor Signaling in ÃŽÂ³ÃŽÂ´ T-Cell Differentiation and Activation. Frontiers in Immunology, 2015, 6, 15.	4.8	99
60	Î³Î´ T cells in cancer. Nature Reviews Immunology, 2015, 15, 683-691.	22.7	464
61	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
62	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
63	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
64	Functional development of Î³Î´ <scp>T</scp> cells. European Journal of Immunology, 2013, 43, 1988-1994.	2.9	170
65	Epigenetic and transcriptional signatures of stable versus plastic differentiation of proinflammatory Î³Î´ T cell subsets. Nature Immunology, 2013, 14, 1093-1100.	14.5	97
66	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
67	Molecular Mechanisms of Differentiation of Murine Pro-Inflammatory Î³Î´ T Cell Subsets. Frontiers in Immunology, 2013, 4, 431.	4.8	36
68	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
69	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
70	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
71	Tumor cell recognition by Î³Î´ T lymphocytes. OncoImmunology, 2013, 2, e22892.	4.6	83
72	Recruitment of Î³Î´ T lymphocytes to tumors. OncoImmunology, 2013, 2, e25461.	4.6	5

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73	Natural Cytotoxicity Receptors: Broader Expression Patterns and Functions in Innate and Adaptive Immune Cells. Frontiers in Immunology, 2013, 4, 69.	4.8	141
74	The split nature of tumor-infiltrating leukocytes. OncoImmunology, 2012, 1, 717-725.	4.6	131
75	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
76	Engagement of NKp30 on Vδ1 T cells induces the production of CCL3, CCL4, and CCL5 and suppresses HIV-1 replication. Blood, 2012, 119, 4013-4016.	1.4	92
77	Î³Î´ Tâ€cell conference 2012: Close encounters for the fifth time. European Journal of Immunology, 2012, 42, 3101-3105.	2.9	21
78	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
79	Î³Î´ cells making IL-17. Blood, 2011, 118, 3-5.	1.4	17
80	Differentiation of human peripheral blood Vδ1+ T cells expressing the natural cytotoxicity receptor NKp30 for recognition of lymphoid leukemia cells. Blood, 2011, 118, 992-1001.	1.4	171
81	Searching forÂâ€œsignal 2â€• costimulation requirements of Î³Î´ T cells. Cellular and Molecular Life Sciences, 2011, 68, 2345-2355.	5.4	61
82	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
83	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
84	Spotlight on Immunology under the Portuguese sun. European Journal of Immunology, 2011, 41, 1819-1821.	2.9	1
85	PreTCR and TCRÎ³Î´ Signal Initiation in Thymocyte Progenitors Does Not Require Domains Implicated in Receptor Oligomerization. Science Signaling, 2011, 4, ra47.	3.6	27
86	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
87	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
88	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
89	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
90	Identification of Regulatory Foxp3+ Invariant NKT Cells Induced by TGF-Î². Journal of Immunology, 2010, 185, 2157-2163.	0.8	134

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91	Targeting Î³Î´ T Lymphocytes for Cancer Immunotherapy: From Novel Mechanistic Insight to Clinical Application. Cancer Research, 2010, 70, 10024-10027.	0.9	128
92	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
93	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
94	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
95	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
96	Nonâ€classical major histocompatibility complex proteins as determinants of tumour immunosurveillance. EMBO Reports, 2007, 8, 1024-1030.	4.5	44
97	Early events in the thymus affect the balance of effector and regulatory T cells. Nature, 2006, 444, 1073-1077.	27.8	87
98	The blind-spot of regulatory T cells. European Journal of Immunology, 2006, 36, 802-805.	2.9	11
99	Î³Î´ T cell development â€” having the strength to get there. Current Opinion in Immunology, 2005, 17, 108-115.	5.5	64
100	Lymphotoxin-Mediated Regulation of ÂÂ Cell Differentiation by ÂÂ T Cell Progenitors. Science, 2005, 307, 925-928.	12.6	140
101	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
102	The inter-relatedness and interdependence of mouse T cell receptor Î³Î´+ and Î±Î²+ cells. Nature Immunology, 2003, 4, 991-998.	14.5	119