Alessandra Sacchi

List of Publications by Year
in descending order

69 papers	1,961 citations	257450 24 h-index	276875 41 g-index
69 all docs	69 docs citations	69 times ranked	3475 citing authors

#	Article	IF	Citations
1	Expansion of myeloid-derived suppressor cells in patients with severe coronavirus disease (COVID-19). Cell Death and Differentiation, 2020, 27, 3196-3207.	11.2	196
2	Cutting Edge: TGF-Î²1 and IL-15 Induce FOXP3+ Î³Î´ Regulatory T Cells in the Presence of Antigen Stimulation. Journal of Immunology, 2009, 183, 3574-3577.	0.8	147
3	2019-novel Coronavirus severe adult respiratory distress syndrome in two cases in Italy: An uncommon radiological presentation. International Journal of Infectious Diseases, 2020, 93, 192-197.	3.3	145
4	Bacterial Infections Promote T Cell Recognition of Self-Glycolipids. Immunity, 2005, 22, 763-772.	14.3	109
5	Early expansion of myeloid-derived suppressor cells inhibits SARS-CoV-2 specific T-cell response and may predict fatal COVID-19 outcome. Cell Death and Disease, 2020, 11, 921.	6.3	96
6	An Inflammatory Profile Correlates With Decreased Frequency of Cytotoxic Cells in Coronavirus Disease 2019. Clinical Infectious Diseases, 2020, 71, 2272-2275.	5.8	91
7	Granulocytic Myeloid Derived Suppressor Cells Expansion during Active Pulmonary Tuberculosis Is Associated with High Nitric Oxide Plasma Level. PLoS ONE, 2015, 10, e0123772.	2.5	67
8	Central Memory VÎ³9VÎ´2 T Lymphocytes Primed and Expanded by Bacillus Calmette-GuÃ©rin-Infected Dendritic Cells Kill Mycobacterial-Infected Monocytes. Journal of Immunology, 2007, 179, 3057-3064.	0.8	56
9	Zoledronic acid and interleukin-2 treatment improves immunocompetence in HIV-infected persons by activating VÎ³9VÎ´2 T cells. Aids, 2009, 23, 555-565.	2.2	55
10	Longitudinal characterization of dysfunctional T cell-activation during human acute Ebola infection. Cell Death and Disease, 2016, 7, e2164-e2164.	6.3	51
11	In HIV-positive patients, myeloid-derived suppressor cells induce T-cell anergy by suppressing CD3Î¶ expression through ELF-1 inhibition. Aids, 2015, 29, 2397-2407.	2.2	48
12	Different features of VÎ´2 T and NK cells in fatal and non-fatal human Ebola infections. PLoS Neglected Tropical Diseases, 2017, 11, e0005645.	3.0	46
13	Cyclic Adenosine 5â€²-Monophosphate and Calcium Induce CD152 (CTLA-4) Up-Regulation in Resting CD4+ T Lymphocytes. Journal of Immunology, 2002, 169, 6231-6235.	0.8	44
14	Innate gamma/delta T-cells during HIV infection: Terra relatively Incognita in novel vaccination strategies?. AIDS Reviews, 2011, 13, 3-12.	1.0	42
15	Dendritic cells derived from BCG-infected precursors induce Th2-like immune response. Journal of Leukocyte Biology, 2004, 76, 827-834.	3.3	38
16	Complementary Function of Î³Î´ T-Lymphocytes and Dendritic Cells in the Response to Isopentenyl-Pyrophosphate and Lipopolysaccharide Antigens. Journal of Clinical Immunology, 2005, 25, 230-237.	3.8	38
17	The unbalanced p53/SIRT1 axis may impact lymphocyte homeostasis in COVID-19 patients. International Journal of Infectious Diseases, 2021, 105, 49-53.	3.3	38
18	Human monocyte-derived dendritic cells differentiated in the presence of IL-2 produce proinflammatory cytokines and prime Th1 immune response. Journal of Leukocyte Biology, 2006, 80, 555-562.	3.3	36

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19	Activated VÎ³9VÎ´2 T Cells Trigger Granulocyte Functions via MCP-2 Release. Journal of Immunology, 2009, 182, 522-529.	0.8	35
20	Human Zika infection induces a reduction of IFN-Î³ producing CD4 T-cells and a parallel expansion of effector VÎ´2 T-cells. Scientific Reports, 2017, 7, 6313.	3.3	35
21	Myeloid-Derived Suppressor Cells Specifically Suppress IFN-Î³ Production and Antitumor Cytotoxic Activity of VÎ´2 T Cells. Frontiers in Immunology, 2018, 9, 1271.	4.8	35
22	Human Macrophage Gamma Interferon Decreases Gene Expression but Not Replication of Mycobacterium tuberculosis : Analysis of the Host-Pathogen Reciprocal Influence on Transcription in a Comparison of Strains H37Rv and CMT97. Infection and Immunity, 2001, 69, 7262-7270.	2.2	30
23	Characterization of transglutaminase type II role in dendritic cell differentiation and function. Journal of Leukocyte Biology, 2010, 88, 181-188.	3.3	29
24	Granulocytic Myeloidâ€“Derived Suppressor Cells Increased in Early Phases of Primary HIV Infection Depending on TRAIL Plasma Level. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 74, 575-582.	2.1	25
25	Activation of Interferon Response Genes and of Plasmacytoid Dendritic Cells in HIV-1 Positive Subjects with GB Virus C Co-Infection. International Journal of Immunopathology and Pharmacology, 2008, 21, 161-171.	2.1	24
26	Interferon-Î± Improves Phosphoantigen-Induced VÎ³9VÎ´2 T-Cells Interferon-Î³ Production during Chronic HCV Infection. PLoS ONE, 2012, 7, e37014.	2.5	23
27	In HIV/HCV co-infected patients T regulatory and myeloid-derived suppressor cells persist after successful treatment with directly acting antivirals. Journal of Hepatology, 2017, 67, 422-424.	3.7	20
28	Risk and predictive factors of prolonged viral RNA shedding in upper respiratory specimens in a large cohort of COVID-19 patients admitted to an Italian reference hospital. International Journal of Infectious Diseases, 2021, 105, 532-539.	3.3	20
29	GRAd-COV2, a gorilla adenovirus-based candidate vaccine against COVID-19, is safe and immunogenic in younger and older adults. Science Translational Medicine, 2022, 14, eabj1996.	12.4	18
30	An abnormal phenotype of lung VÎ³9VÎ´2 T cells impairs their responsiveness in tuberculosis patients. Cellular Immunology, 2013, 282, 106-112.	3.0	17
31	Primary and Chronic HIV Infection Differently Modulates Mucosal VÎ´1 and VÎ´2 T-Cells Differentiation Profile and Effector Functions. PLoS ONE, 2015, 10, e0129771.	2.5	17
32	Bone Marrow CD34⁺Progenitor Cells from HIV-Infected Patients Show an Impaired T Cell Differentiation Potential Related to Proinflammatory Cytokines. AIDS Research and Human Retroviruses, 2017, 33, 590-596.	1.1	17
33	Virological Characterization of the First 2 COVID-19 Patients Diagnosed in Italy: Phylogenetic Analysis, Virus Shedding Profile From Different Body Sites, and Antibody Response Kinetics. Open Forum Infectious Diseases, 2020, 7, ofaa403.	0.9	17
34	Non-Pathogenic Mycobacterium smegmatis Induces the Differentiation of Human Monocytes Directly into Fully Mature Dendritic Cells. Journal of Clinical Immunology, 2005, 25, 365-375.	3.8	15
35	Myeloid Derived Suppressor Cells Expansion Persists After Early ART and May Affect CD4 T Cell Recovery. Frontiers in Immunology, 2019, 10, 1886.	4.8	15
36	NaÃ¯ve/Effector CD4 T cell ratio as a useful predictive marker of immune reconstitution in late presenter HIV patients: A multicenter study. PLoS ONE, 2019, 14, e0225415.	2.5	15

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37	Transglutaminase 2 Regulates Innate Immunity by Modulating the STING/TBK1/IRF3 Axis. Journal of Immunology, 2021, 206, 2420-2429.	0.8	13
38	HIV-Specific CD8 T Cells Producing CCL-4 Are Associated With Worse Immune Reconstitution During Chronic Infection. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 75, 338-344.	2.1	12
39	Impact of ART on dynamics of growth factors and cytokines in primary HIV infection. Cytokine, 2020, 125, 154839.	3.2	12
40	HIV Infection of Monocytes-Derived Dendritic Cells Inhibits VÎ³9VÎ´2 T Cells Functions. PLoS ONE, 2014, 9, e111095.	2.5	12
41	PMN-MDSC Frequency Discriminates Active Versus Latent Tuberculosis and Could Play a Role in Counteracting the Immune-Mediated Lung Damage in Active Disease. Frontiers in Immunology, 2021, 12, 594376.	4.8	11
42	Differentiation of Monocytes Into CD1aâ^' Dendritic Cells Correlates With Disease Progression in HIV-Infected Patients. Journal of Acquired Immune Deficiency Syndromes (1999), 2007, 46, 519-528.	2.1	10
43	VÎ³9VÎ´2 T-Cell Polyfunctionality Is Differently Modulated in HAART-Treated HIV Patients according to CD4 T-Cell Count. PLoS ONE, 2015, 10, e0132291.	2.5	10
44	An IL-15 Dependent CD8 T Cell Response to Selected HIV Epitopes is Related to Viral Control in Early-Treated HIV-Infected Subjects. International Journal of Immunopathology and Pharmacology, 2007, 20, 473-485.	2.1	9
45	VÎ´2 T-Cells Kill ZIKV-Infected Cells by NKG2D-Mediated Cytotoxicity. Microorganisms, 2019, 7, 350.	3.6	9
46	Down Syndrome patients with COVID-19 pneumonia: A high-risk category for unfavourable outcome. International Journal of Infectious Diseases, 2021, 103, 607-610.	3.3	9
47	CD3Î¶ Downâ€Modulation May Explain VÎ³9VÎ´2 T Lymphocyte Anergy in HIVâ€Infected Patients. Journal of Infectious Diseases, 2009, 199, 432-436.	4.0	8
48	Modulation of Phenotype and Function of Human CD4+CD25+ T Regulatory Lymphocytes Mediated by cAMP-Elevating Agents. Frontiers in Immunology, 2016, 7, 358.	4.8	8
49	IL-18 and Stem Cell Factor affect hematopoietic progenitor cells in HIV-infected patients treated during primary HIV infection. Cytokine, 2018, 103, 34-37.	3.2	8
50	Intrahepatic VÎ³9VÎ´2 T-cells from HCV-infected patients show an exhausted phenotype but can inhibit HCV replication. Virus Research, 2018, 243, 31-35.	2.2	8
51	Chronic HIV-Infected Patients Show an Impaired Dendritic Cells Differentiation of Bone Marrow CD34+ Cells. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 64, 342-344.	2.1	7
52	A new procedure to analyze polymorphonuclear myeloid derived suppressor cells in cryopreserved samples cells by flow cytometry. PLoS ONE, 2018, 13, e0202920.	2.5	7
53	Inhibition of T cell proliferation by cholera toxin involves the modulation of costimulatory molecules CTLA-4 and CD28. Immunology Letters, 2008, 115, 59-69.	2.5	6
54	The basal activation state of DC subsets correlates with anti-HCV treatment outcome in HCV/HIV co-infected patients. Clinical Immunology, 2011, 138, 178-186.	3.2	6

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55	Early ART in primary HIV infection may also preserve lymphopoiesis capability in circulating haematopoietic progenitor cells: a case report. Journal of Antimicrobial Chemotherapy, 2015, 70, 1598-1600.	3.0	6
56	In Human Immunodeficiency Virus primary infection, early combined antiretroviral therapy reduced Î³Î´ Tâ€cell activation but failed to restore their polyfunctionality. Immunology, 2019, 157, 322-330.	4.4	6
57	Per2 Upregulation in Circulating Hematopoietic Progenitor Cells During Chronic HIV Infection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 362.	3.9	6
58	Mycobacteria and dendritic cell differentiation: Escape or control of immunity. Immunology Letters, 2006, 102, 115-117.	2.5	4
59	Do human Î³Î´ T cells respond to M tuberculosis protein antigens?. Blood, 2008, 112, 4776-4777.	1.4	4
60	Modulation of Polyfunctional HIV-Specific CD8 T Cells in Patients Responding Differently to Antiretroviral Therapy. International Journal of Immunopathology and Pharmacology, 2014, 27, 291-297.	2.1	4
61	GB-Virus Type C Effect on HIV Infection, Interferon System, and Dendritric Cells. Archives of Medical Research, 2008, 39, 362-363.	3.3	3
62	GB Virus Type Câ€“Driven Protection in HIV/HCV Coinfection: Possible Role of Interferon Gamma and Dendritic Cell Activation. Gastroenterology, 2008, 134, 1631-1633.	1.3	3
63	Co-stimulatory molecule CD80 expression may correlate with anti-HCV treatment outcome. Gut, 2011, 60, 1161-1162.	12.1	3
64	The Different Roles of Interleukin 7 and Interleukin 18 in Affecting Lymphoid Hematopoietic Progenitor Cells and CD4 Homeostasis in Naive Primary and Chronic HIV-Infected Patients. Clinical Infectious Diseases, 2016, 63, 1683-1684.	5.8	3
65	Persistent gamma delta Tâ€cell dysfunction in HCV/HIV coâ€infection despite directâ€acting antiviral therapyâ€induced cure. Journal of Viral Hepatitis, 2020, 27, 754-756.	2.0	2
66	Immunogenicity and safety of BNT162b2 COVIDâ€19 vaccine in a chronic lymphocytic leukaemia patient. Journal of Cellular and Molecular Medicine, 2021, 25, 6460-6462.	3.6	2
67	In HIV/HCV Coinfected Patients Dendritic Cell Activation State Is Not Associated With IL28B Genotype. Journal of Infectious Diseases, 2013, 208, 364-365.	4.0	0
68	HIV Impairs CD34+- Derived Monocytic Precursor Differentiation into Functional Dendritic Cells. International Journal of Immunopathology and Pharmacology, 2013, 26, 717-724.	2.1	0
69	Dendritic cells activation is associated with sustained virological response to telaprevir treatment of HCV-infected patients. Clinical Immunology, 2017, 183, 82-90.	3.2	0