Sandra Gessani

List of Publications by Year
in descending order

101	4,242	94433	123424
papers	citations	37 h-index	61 g-index

102	102	102	6055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Type I Interferons as Joint Regulators of Tumor Growth and Obesity. Cancers, 2021, 13, 196.	3.7	9
2	Dietary habits affect fatty acid composition of visceral adipose tissue in subjects with colorectal cancer or obesity. European Journal of Nutrition, 2020, 59, 1463-1472.	3.9	7
3	Revisiting the impact of lifestyle on colorectal cancer risk in a gender perspective. Critical Reviews in Oncology/Hematology, 2020, 145, 102834.	4.4	30
4	Integrated Transcriptome Analysis of Human Visceral Adipocytes Unravels Dysregulated microRNA-Long Non-coding RNA-mRNA Networks in Obesity and Colorectal Cancer. Frontiers in Oncology, 2020, 10, 1089.	2.8	18
5	Are we fully exploiting type I Interferons in today's fight against COVID-19 pandemic?. Cytokine and Growth Factor Reviews, 2020, 54, 43-50.	7.2	19
6	Shaping the Innate Immune Response by Dietary Glucans: Any Role in the Control of Cancer?. Cancers, 2020, 12, 155.	3.7	44
7	Immune Dysfunctions and Immunotherapy in Colorectal Cancer: The Role of Dendritic Cells. Cancers, 2019, 11, 1491.	3.7	20
8	Editorial: Diet, Inflammation and Colorectal Cancer. Frontiers in Immunology, 2019, 10, 2598.	4.8	2
9	Epigenetic Modifications Induced by Nutrients in Early Life Phases: Gender Differences in Metabolic Alteration in Adulthood. Frontiers in Genetics, 2019, 10, 795.	2.3	57
10	Transcriptome Profiles of Human Visceral Adipocytes in Obesity and Colorectal Cancer Unravel the Effects of Body Mass Index and Polyunsaturated Fatty Acids on Genes and Biological Processes Related to Tumorigenesis. Frontiers in Immunology, 2019, 10, 265.	4.8	31
11	Dual requirement for STAT signaling in dendritic cell immunobiology. Immunobiology, 2018, 223, 342-347.	1.9	8
12	Innate Lymphocytes in Adipose Tissue Homeostasis and Their Alterations in Obesity and Colorectal Cancer. Frontiers in Immunology, 2018, 9, 2556.	4.8	13
13	Phospholipases: at the crossroads of the immune system and the pathogenesis of HIV-1 infection. Journal of Leukocyte Biology, 2017, 101, 53-75.	3.3	10
14	Distinct Blood and Visceral Adipose Tissue Regulatory T Cell and Innate Lymphocyte Profiles Characterize Obesity and Colorectal Cancer. Frontiers in Immunology, 2017, 8, 643.	4.8	60
15	Direct and Intestinal Epithelial Cell-Mediated Effects of TLR8 Triggering on Human Dendritic Cells, CD14+CD16+ Monocytes and Î³Î´T Lymphocytes. Frontiers in Immunology, 2017, 8, 1813.	4.8	4
16	Linking Diet to Colorectal Cancer: The Emerging Role of MicroRNA in the Communication between Plant and Animal Kingdoms. Frontiers in Microbiology, 2017, 08, 597.	3.5	9
17	Ï‰3 Polyunsaturated Fatty Acids as Immunomodulators in Colorectal Cancer: New Potential Role in Adjuvant Therapies. Frontiers in Immunology, 2016, 7, 486.	4.8	42
18	HIV-1 gp120 signaling through TLR4 modulates innate immune activation in human macrophages and the biology of hepatic stellate cells. Journal of Leukocyte Biology, 2016, 100, 599-606.	3.3	30

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19	Regulation of Dendritic Cell Function by Dietary Polyphenols. Critical Reviews in Food Science and Nutrition, 2016, 56, 737-747.	10.3	38
20	Interplay between HIV-1 and Toll-like receptors in human myeloid cells: friend or foe in HIV-1 pathogenesis?. Journal of Leukocyte Biology, 2016, 99, 97-105.	3.3	13
21	Visceral fat adipocytes from obese and colorectal cancer subjects exhibit distinct secretory and Ï‰6 polyunsaturated fatty acid profiles and deliver immunosuppressive signals to innate immunity cells. Oncotarget, 2016, 7, 63093-63105.	1.8	57
22	Gender-related differences in lifestyle may affect health status. Annali Dell'Istituto Superiore Di Sanita, 2016, 52, 158-66.	0.4	63
23	Bovine Lactoferrin-Induced CCL1 Expression Involves Distinct Receptors in Monocyte-Derived Dendritic Cells and Their Monocyte Precursors. Toxins, 2015, 7, 5472-5483.	3.4	3
24	HIV-1-Induced Impairment of Dendritic Cell Cross Talk with Î³Î´ T Lymphocytes. Journal of Virology, 2015, 89, 4798-4808.	3.4	17
25	Increased Circulating Levels of Vitamin D Binding Protein in MS Patients. Toxins, 2015, 7, 129-137.	3.4	34
26	Endogenous CCL2 neutralization restricts HIV-1 replication in primary human macrophages by inhibiting viral DNA accumulation. Retrovirology, 2015, 12, 4.	2.0	35
27	HIV-1 gp120 influences the expression of microRNAs in human monocyte-derived dendritic cells via STAT3 activation. BMC Genomics, 2015, 16, 480.	2.8	9
28	Linking estrogen receptor Î² expression with inflammatory bowel disease activity. Oncotarget, 2015, 6, 40443-40451.	1.8	58
29	Type I Interferons as Regulators of Human Antigen Presenting Cell Functions. Toxins, 2014, 6, 1696-1723.	3.4	83
30	Protocatechuic acid inhibits human dendritic cell functional activation: Role of PPARÎ³ up-modulation. Immunobiology, 2014, 219, 416-424.	1.9	25
31	HIV-1 gp120 Activates the STAT3/Interleukin-6 Axis in Primary Human Monocyte-Derived Dendritic Cells. Journal of Virology, 2014, 88, 11045-11055.	3.4	56
32	CCL2 induction by 1,25(OH)2D3 in dendritic cells from healthy donors and multiple sclerosis patients. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 102-105.	2.5	12
33	STAT3-silenced human dendritic cells have an enhanced ability to prime IFNÎ³ production by both Î±Î² and Î³Î´ T lymphocytes. Immunobiology, 2014, 219, 503-511.	1.9	12
34	Targeting CCL2 inhibits viral DNA accumulation and induces APOBEC3A expression in HIV-1 infected primary human macrophages. Retrovirology, 2013, 10, .	2.0	0
35	Rat mir-155 generated from the lncRNA Bic is â€˜hiddenâ€™ in the alternate genomic assembly and reveals the existence of novel mammalian miRNAs and clusters. Rna, 2013, 19, 365-379.	3.5	14
36	Ï‰3-PUFAs Exert Anti-Inflammatory Activity in Visceral Adipocytes from Colorectal Cancer Patients. PLoS ONE, 2013, 8, e77432.	2.5	32

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37	Opposite regulatory effects of IFN-Î² and IL-3 on C-type lectin receptors, antigen uptake, and phagocytosis in human macrophages. Journal of Leukocyte Biology, 2013, 95, 161-168.	3.3	12
38	Nuclear Phosphoinositide-Specific Phospholipase C Î²1 Controls Cytoplasmic CCL2 mRNA Levels in HIV-1 gp120-Stimulated Primary Human Macrophages. PLoS ONE, 2013, 8, e59705.	2.5	17
39	Revisiting the Specificity of Small Molecule Inhibitors: The Example of Stattic in Dendritic Cells. Chemistry and Biology, 2012, 19, 1213-1214.	6.0	25
40	LF immunomodulatory strategies: mastering bacterial endotoxin¹This article is part of a Special Issue entitled Lactoferrin and has undergone the Journal's usual peer review process.. Biochemistry and Cell Biology, 2012, 90, 269-278.	2.0	36
41	Toll-like receptor cross-talk in human monocytes regulates CC-chemokine production, antigen uptake and immune cell recruitment. Immunobiology, 2011, 216, 1135-1142.	1.9	12
42	Bovine Lactoferrin Counteracts Toll-Like Receptor Mediated Activation Signals in Antigen Presenting Cells. PLoS ONE, 2011, 6, e22504.	2.5	76
43	Immunoregulatory role of lactoferrin-lipopolysaccharide interactions. BioMetals, 2010, 23, 387-397.	4.1	32
44	Reciprocal Interactions between Lactoferrin and Bacterial Endotoxins and Their Role in the Regulation of the Immune Response. Toxins, 2010, 2, 54-68.	3.4	56
45	gp120 modulates the biology of human hepatic stellate cells: a link between HIV infection and liver fibrogenesis. Gut, 2010, 59, 513-520.	12.1	124
46	DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. Immunome Research, 2010, 6, 10.	0.1	23
47	Dissecting TLR3 signalling in dendritic cells. Immunobiology, 2010, 215, 713-723.	1.9	42
48	Immunomodulatory effects of lactoferrin on antigen presenting cells. Biochimie, 2009, 91, 11-18.	2.6	107
49	The influence of lactoferrin, orally administered, on systemic iron homeostasis in pregnant women suffering of iron deficiency and iron deficiency anaemia. Biochimie, 2009, 91, 44-51.	2.6	52
50	CC chemokine ligand 2 down-modulation by selected Toll-like receptor agonist combinations contributes to T helper 1 polarization in human dendritic cells. Blood, 2009, 114, 796-806.	1.4	21
51	Role of the cytokine environment and cytokine receptor expression on the generation of functionally distinct dendritic cells from human monocytes. European Journal of Immunology, 2008, 38, 750-762.	2.9	57
52	GM-CSF in the generation of dendritic cells from human blood monocyte precursors: Recent advances. Immunobiology, 2008, 213, 859-870.	1.9	80
53	Phosphatidylcholine-specific phospholipase C activation is required for CCR5-dependent, NF-kBâ€“driven CCL2 secretion elicited in response to HIV-1 gp120 in human primary macrophages. Blood, 2008, 111, 3355-3363.	1.4	54
54	Role of endogenous interferon and LPS in the immunomodulatory effects of bovine lactoferrin in murine peritoneal macrophages. Journal of Leukocyte Biology, 2007, 82, 347-353.	3.3	37

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55	HIV Exploitation of DC Biology to Subvertthe Host Immune Response. , 2007, , 447-484.		3
56	Role of gp120 in dendritic cell dysfunction in HIV infection. Journal of Leukocyte Biology, 2006, 80, 994-1000.	3.3	37
57	Reciprocal Activating Interaction Between Dendritic Cells and Pamidronate-Stimulated Î³Î´ T Cells: Role of CD86 and Inflammatory Cytokines. Journal of Immunology, 2005, 174, 252-260.	0.8	208
58	IL-2 induces expression and secretion of IFN-Î³ in murine peritoneal macrophages. Journal of Leukocyte Biology, 2005, 78, 686-695.	3.3	27
59	IRF-4 expression in the human myeloid lineage: up-regulation during dendritic cell differentiation and inhibition by 1Î±,25-dihydroxyvitamin D3. Journal of Leukocyte Biology, 2005, 77, 944-947.	3.3	32
60	Suppressive Effect of 1Î±,25-Dihydroxyvitamin D3 on Type I IFN-Mediated Monocyte Differentiation into Dendritic Cells: Impairment of Functional Activities and Chemotaxis. Journal of Immunology, 2005, 174, 270-276.	0.8	140
61	Human Immunodeficiency Virus Type 1 gp120 and Other Activation Stimuli Are Highly Effective in Triggering Alpha Interferon and CC Chemokine Production in Circulating Plasmacytoid but Not Myeloid Dendritic Cells. Journal of Virology, 2005, 79, 12597-12601.	3.4	46
62	Human Immunodeficiency Virus Type 1 gp120 Induces Abnormal Maturation and Functional Alterations of Dendritic Cells: a Novel Mechanism for AIDS Pathogenesis. Journal of Virology, 2004, 78, 9763-9772.	3.4	95
63	Immunomodulatory effects of the HIV-1 gp120 protein on antigen presenting cells: implications for AIDS pathogenesis. Immunobiology, 2004, 209, 99-115.	1.9	27
64	Lysophospholipids and chemokines activate distinct signal transduction pathways in T helper 1 and T helper 2 cells. Cellular Signalling, 2004, 16, 991-1000.	3.6	24
65	Monocyte/macrophage-derived CC chemokines and their modulation by HIV-1 and cytokines: A complex network of interactions influencing viral replication and AIDS pathogenesis. Journal of Leukocyte Biology, 2003, 74, 719-725.	3.3	62
66	Sphingosine 1-phosphate is a novel inhibitor of T-cell proliferation. Blood, 2003, 101, 4909-4915.	1.4	85
67	Endogenous CCL2 (monocyte chemotactic protein-1) modulates human immunodeficiency virus type-1 replication and affects cytoskeleton organization in human monocyteâ€“derived macrophages. Blood, 2003, 102, 2334-2337.	1.4	55
68	Loss of Type I IFN Receptors and Impaired IFN Responsiveness During Terminal Maturation of Monocyte-Derived Human Dendritic Cells. Journal of Immunology, 2002, 169, 3038-3045.	0.8	37
69	HIV-1 gp120 and chemokine activation of Pyk2 and mitogen-activated protein kinases in primary macrophages mediated by calcium-dependent, pertussis toxinâ€“insensitive chemokine receptor signaling. Blood, 2001, 98, 2909-2916.	1.4	138
70	HIV-1 gp120 Stimulates the Production of Î²-Chemokines in Human Peripheral Blood Monocytes Through a CD4-Independent Mechanism. Journal of Immunology, 2001, 166, 5381-5387.	0.8	72
71	Identification of Distinct Signaling Pathways Leading to the Phosphorylation of Interferon Regulatory Factor 3. Journal of Biological Chemistry, 2001, 276, 355-363.	3.4	179
72	The HIV-1 vpr protein induces anoikis-resistance by modulating cell adhesion process and microfilament system assembly. Cell Death and Differentiation, 2000, 7, 25-36.	11.2	19

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73	Inhibition of the Constitutive and Induced IFN-Î² Production by IL-4 and IL-10 in Murine Peritoneal Macrophages. Virology, 2000, 277, 270-277.	2.4	16
74	Impairment of Human Immunodeficiency Virus Type 1 (HIV-1) Entry into Jurkat T Cells by Constitutive Expression of the HIV-1 Vpr Protein: Role of CD4 Down-Modulation. Journal of Virology, 2000, 74, 10207-10211.	3.4	9
75	Dual Role of the HIV-1 Vpr Protein in the Modulation of the Apoptotic Response of T Cells. Journal of Immunology, 2000, 165, 3293-3300.	0.8	61
76	Loss of CCR2 Expression and Functional Response to Monocyte Chemotactic Protein (MCP-1) During the Differentiation of Human Monocytes: Role of Secreted MCP-1 in the Regulation of the Chemotactic Response. Blood, 1999, 94, 875-883.	1.4	154
77	Enhanced Production of Tumor Necrosis Factorâ€Î± and Interleukinâ€6 Due to Prolonged Response to Lipopolysaccharide in Human Macrophages Infected In Vitro with Human Immunodeficiency Virus Type 1. Journal of Infectious Diseases, 1999, 179, 832-842.	4.0	37
78	Inhibitory Activity of Constitutive Nitric Oxide on the Expression of Alpha/Beta Interferon Genes in Murine Peritoneal Macrophages. Journal of Virology, 1999, 73, 7328-7333.	3.4	10
79	Antiviral effect of bovine lactoferrin saturated with metal ions on early steps of human immunodeficiency virus type 1 infection. International Journal of Biochemistry and Cell Biology, 1998, 30, 1055-1063.	2.8	115
80	IFN-Î³ Expression in Macrophages and Its Possible Biological Significance. Cytokine and Growth Factor Reviews, 1998, 9, 117-123.	7.2	143
81	The HIV-1 vpr Protein Acts as a Negative Regulator of Apoptosis in a Human Lymphoblastoid T Cell Line: Possible Implications for the Pathogenesis of AIDS. Journal of Experimental Medicine, 1998, 187, 403-413.	8.5	142
82	Inhibition of Human Immunodeficiency Virus Type 1 Replication by Nuclear Chimeric Anti-HIV Ribozymes in a Human T Lymphoblastoid Cell Line. Human Gene Therapy, 1998, 9, 621-628.	2.7	31
83	Antiviral Activity of Lactoferrin. Advances in Experimental Medicine and Biology, 1998, 443, 199-203.	1.6	44
84	Induction of cytokines by HIV-1 and its gp120 protein in human peripheral blood monocyte/macrophages and modulation of cytokine response during differentiation. Journal of Leukocyte Biology, 1997, 62, 49-53.	3.3	26
85	The biological relevance of polykaryons in the immune response. Trends in Immunology, 1997, 18, 522-527.	7.5	27
86	Post-translational up-regulation of the cell surface-associated Î± component of the human type I interferon receptor during differentiation of peripheral blood monocytes: role in the biological response to type I interferon. European Journal of Immunology, 1997, 27, 1075-1081.	2.9	17
87	Erythrocyte-Based Targeted Release to Macrophages of an Azidothymidine Homodinucleotide Prevents Retroviral Infection. , 1997, , 51-57.		0
88	Synthesis and targeted delivery of an azidothymidine homodinucleotide conferring protection to macrophages against retroviral infection.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4403-4408.	7.1	47
89	The essential role of endogenous IFN Î±/Î² in the anti-metastatic action of sensitized T lymphocytes in mice injected with friend erythroleukemia cells. International Journal of Cancer, 1995, 63, 726-731.	5.1	24
90	Interferon gamma upregulates its own gene expression in mouse peritoneal macrophages.. Journal of Experimental Medicine, 1994, 179, 1731-1736.	8.5	115

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91	Role of interferons in the restriction of HIV replication in human monocytes/macrophages. Research in Immunology, 1994, 145, 659-663.	0.9	5
92	Role of endogenous interferon-Î² in the restriction of HIV replication in human monocyte/macrophages. Journal of Leukocyte Biology, 1994, 56, 358-361.	3.3	19
93	Selective Alteration of the Turnover of Interferon Î² mRNA in Peritoneal Macrophages from LPS-Hyporesponsive Mice and Its Role in the Defective Expression of Spontaneous Interferon. Virology, 1993, 193, 507-509.	2.4	12
94	Cyclic AMP-mediated inhibition of vesicular stomatitis virus and herpes simplex virus replication in mouse macrophage-like cells. Journal of General Virology, 1992, 73, 2949-2954.	2.9	4
95	Specific Interferon Genes Are Expressed in Individual Cells in the Peritoneum and Bone Marrow of Normal Mice. Journal of Interferon Research, 1992, 12, 27-34.	1.2	7
96	Spontaneous expression of interferon genes in murine peritoneal macrophages: Modulation during the in vitro aging. Archives of Gerontology and Geriatrics, 1992, 15, 123-128.	3.0	0
97	Expression of interferon genes in murine macrophages: Possible role of endogenous interferon in the modulation of cell differentiation. Cytotechnology, 1991, 5, 172-175.	1.6	0
98	Effects of different biological response modifiers on interferon expression in bacterial lipopolysaccharide (LPS)-responsive and LPS-hyporesponsive mouse peritoneal macrophages. Journal of General Virology, 1990, 71, 2585-2591.	2.9	3
99	Studies on the Mechanism of the Interferon-mediated Antiviral State to Vesicular Stomatitis Virus in Resting Mouse Peritoneal Macrophages. Journal of General Virology, 1989, 70, 1899-1905.	2.9	4
100	Activators of Protein Kinase C Enhance Accumulation of Interferon-Î² mRNA in Murine Cell Lines. Journal of Interferon Research, 1989, 9, 543-550.	1.2	6
101	Modulations of glycerophosphorylcholine and phosphorylcholine in Friend erythroleukemia cells upon in vitro-induced erythroid differentiation: a31P NMR study. FEBS Letters, 1984, 176, 88-92.	2.8	34