

Sandra Gessani

List of Publications by Year in descending order

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101
papers

4,242
citations

94269

37
h-index

123241

61
g-index

102
all docs

102
docs citations

102
times ranked

6055
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal Activating Interaction Between Dendritic Cells and Pamidronate-Stimulated $\hat{\beta}$ T Cells: Role of CD86 and Inflammatory Cytokines. <i>Journal of Immunology</i> , 2005, 174, 252-260.	0.4	208
2	Identification of Distinct Signaling Pathways Leading to the Phosphorylation of Interferon Regulatory Factor 3. <i>Journal of Biological Chemistry</i> , 2001, 276, 355-363.	1.6	179
3	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. <i>Blood</i> , 1999, 94, 875-883.	0.6	154
4	IFN- $\hat{\beta}$ Expression in Macrophages and Its Possible Biological Significance. <i>Cytokine and Growth Factor Reviews</i> , 1998, 9, 117-123.	3.2	143
5	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. <i>Journal of Experimental Medicine</i> , 1998, 187, 403-413.	4.2	142
6	Suppressive Effect of $1\hat{\pm},25$ -Dihydroxyvitamin D3 on Type I IFN-Mediated Monocyte Differentiation into Dendritic Cells: Impairment of Functional Activities and Chemotaxis. <i>Journal of Immunology</i> , 2005, 174, 270-276.	0.4	140
7	HIV-1 gp120 and chemokine activation of Pyk2 and mitogen-activated protein kinases in primary macrophages mediated by calcium-dependent, pertussis toxin-insensitive chemokine receptor signaling. <i>Blood</i> , 2001, 98, 2909-2916.	0.6	138
8	gp120 modulates the biology of human hepatic stellate cells: a link between HIV infection and liver fibrogenesis. <i>Gut</i> , 2010, 59, 513-520.	6.1	124
9	Interferon gamma upregulates its own gene expression in mouse peritoneal macrophages.. <i>Journal of Experimental Medicine</i> , 1994, 179, 1731-1736.	4.2	115
10	Antiviral effect of bovine lactoferrin saturated with metal ions on early steps of human immunodeficiency virus type 1 infection. <i>International Journal of Biochemistry and Cell Biology</i> , 1998, 30, 1055-1063.	1.2	115
11	Immunomodulatory effects of lactoferrin on antigen presenting cells. <i>Biochimie</i> , 2009, 91, 11-18.	1.3	107
12	Human Immunodeficiency Virus Type 1 gp120 Induces Abnormal Maturation and Functional Alterations of Dendritic Cells: a Novel Mechanism for AIDS Pathogenesis. <i>Journal of Virology</i> , 2004, 78, 9763-9772.	1.5	95
13	Sphingosine 1-phosphate is a novel inhibitor of T-cell proliferation. <i>Blood</i> , 2003, 101, 4909-4915.	0.6	85
14	Type I Interferons as Regulators of Human Antigen Presenting Cell Functions. <i>Toxins</i> , 2014, 6, 1696-1723.	1.5	83
15	GM-CSF in the generation of dendritic cells from human blood monocyte precursors: Recent advances. <i>Immunobiology</i> , 2008, 213, 859-870.	0.8	80
16	Bovine Lactoferrin Counteracts Toll-Like Receptor Mediated Activation Signals in Antigen Presenting Cells. <i>PLoS ONE</i> , 2011, 6, e22504.	1.1	76
17	HIV-1 gp120 Stimulates the Production of $\hat{\beta}$ -Chemokines in Human Peripheral Blood Monocytes Through a CD4-independent Mechanism. <i>Journal of Immunology</i> , 2001, 166, 5381-5387.	0.4	72
18	Gender-related differences in lifestyle may affect health status. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2016, 52, 158-66.	0.2	63

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19	Monocyte/macrophage-derived CC chemokines and their modulation by HIV-1 and cytokines: A complex network of interactions influencing viral replication and AIDS pathogenesis. <i>Journal of Leukocyte Biology</i> , 2003, 74, 719-725.	1.5	62
20	Dual Role of the HIV-1 Vpr Protein in the Modulation of the Apoptotic Response of T Cells. <i>Journal of Immunology</i> , 2000, 165, 3293-3300.	0.4	61
21	Distinct Blood and Visceral Adipose Tissue Regulatory T Cell and Innate Lymphocyte Profiles Characterize Obesity and Colorectal Cancer. <i>Frontiers in Immunology</i> , 2017, 8, 643.	2.2	60
22	Linking estrogen receptor $\hat{1}^2$ expression with inflammatory bowel disease activity. <i>Oncotarget</i> , 2015, 6, 40443-40451.	0.8	58
23	Role of the cytokine environment and cytokine receptor expression on the generation of functionally distinct dendritic cells from human monocytes. <i>European Journal of Immunology</i> , 2008, 38, 750-762.	1.6	57
24	Epigenetic Modifications Induced by Nutrients in Early Life Phases: Gender Differences in Metabolic Alteration in Adulthood. <i>Frontiers in Genetics</i> , 2019, 10, 795.	1.1	57
25	Visceral fat adipocytes from obese and colorectal cancer subjects exhibit distinct secretory and $\hat{1}^6$ polyunsaturated fatty acid profiles and deliver immunosuppressive signals to innate immunity cells. <i>Oncotarget</i> , 2016, 7, 63093-63105.	0.8	57
26	Reciprocal Interactions between Lactoferrin and Bacterial Endotoxins and Their Role in the Regulation of the Immune Response. <i>Toxins</i> , 2010, 2, 54-68.	1.5	56
27	HIV-1 gp120 Activates the STAT3/Interleukin-6 Axis in Primary Human Monocyte-Derived Dendritic Cells. <i>Journal of Virology</i> , 2014, 88, 11045-11055.	1.5	56
28	Endogenous CCL2 (monocyte chemotactic protein-1) modulates human immunodeficiency virus type-1 replication and affects cytoskeleton organization in human monocyte-derived macrophages. <i>Blood</i> , 2003, 102, 2334-2337.	0.6	55
29	Phosphatidylcholine-specific phospholipase C activation is required for CCR5-dependent, NF- $\hat{1}^B$ -driven CCL2 secretion elicited in response to HIV-1 gp120 in human primary macrophages. <i>Blood</i> , 2008, 111, 3355-3363.	0.6	54
30	The influence of lactoferrin, orally administered, on systemic iron homeostasis in pregnant women suffering of iron deficiency and iron deficiency anaemia. <i>Biochimie</i> , 2009, 91, 44-51.	1.3	52
31	Synthesis and targeted delivery of an azidothymidine homodinucleotide conferring protection to macrophages against retroviral infection.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 4403-4408.	3.3	47
32	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. <i>Journal of Virology</i> , 2005, 79, 12597-12601.	1.5	46
33	Shaping the Innate Immune Response by Dietary Glucans: Any Role in the Control of Cancer?. <i>Cancers</i> , 2020, 12, 155.	1.7	44
34	Antiviral Activity of Lactoferrin. <i>Advances in Experimental Medicine and Biology</i> , 1998, 443, 199-203.	0.8	44
35	Dissecting TLR3 signalling in dendritic cells. <i>Immunobiology</i> , 2010, 215, 713-723.	0.8	42
36	$\hat{1}^3$ Polyunsaturated Fatty Acids as Immunomodulators in Colorectal Cancer: New Potential Role in Adjuvant Therapies. <i>Frontiers in Immunology</i> , 2016, 7, 486.	2.2	42

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37	Regulation of Dendritic Cell Function by Dietary Polyphenols. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 737-747.	5.4	38
38	Enhanced Production of Tumor Necrosis Factor- α and Interleukin-6 Due to Prolonged Response to Lipopolysaccharide in Human Macrophages Infected In Vitro with Human Immunodeficiency Virus Type 1. <i>Journal of Infectious Diseases</i> , 1999, 179, 832-842.	1.9	37
39	Loss of Type I IFN Receptors and Impaired IFN Responsiveness During Terminal Maturation of Monocyte-Derived Human Dendritic Cells. <i>Journal of Immunology</i> , 2002, 169, 3038-3045.	0.4	37
40	Role of gp120 in dendritic cell dysfunction in HIV infection. <i>Journal of Leukocyte Biology</i> , 2006, 80, 994-1000.	1.5	37
41	Role of endogenous interferon and LPS in the immunomodulatory effects of bovine lactoferrin in murine peritoneal macrophages. <i>Journal of Leukocyte Biology</i> , 2007, 82, 347-353.	1.5	37
42	LF immunomodulatory strategies: mastering bacterial endotoxin¹</sup> This article is part of a Special Issue entitled Lactoferrin and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2012, 90, 269-278.	0.9	36
43	Endogenous CCL2 neutralization restricts HIV-1 replication in primary human macrophages by inhibiting viral DNA accumulation. <i>Retrovirology</i> , 2015, 12, 4.	0.9	35
44	Modulations of glycerophosphorylcholine and phosphorylcholine in Friend erythroleukemia cells upon in vitro-induced erythroid differentiation: a ³¹ P NMR study. <i>FEBS Letters</i> , 1984, 176, 88-92.	1.3	34
45	Increased Circulating Levels of Vitamin D Binding Protein in MS Patients. <i>Toxins</i> , 2015, 7, 129-137.	1.5	34
46	IRF-4 expression in the human myeloid lineage: up-regulation during dendritic cell differentiation and inhibition by 1 α ,25-dihydroxyvitamin D ₃ . <i>Journal of Leukocyte Biology</i> , 2005, 77, 944-947.	1.5	32
47	Immunoregulatory role of lactoferrin-lipopolysaccharide interactions. <i>BioMetals</i> , 2010, 23, 387-397.	1.8	32
48	ω -3-PUFAs Exert Anti-Inflammatory Activity in Visceral Adipocytes from Colorectal Cancer Patients. <i>PLoS ONE</i> , 2013, 8, e77432.	1.1	32
49	Inhibition of Human Immunodeficiency Virus Type 1 Replication by Nuclear Chimeric Anti-HIV Ribozymes in a Human T Lymphoblastoid Cell Line. <i>Human Gene Therapy</i> , 1998, 9, 621-628.	1.4	31
50	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. <i>Frontiers in Immunology</i> , 2019, 10, 265.	2.2	31
51	HIV-1 gp120 signaling through TLR4 modulates innate immune activation in human macrophages and the biology of hepatic stellate cells. <i>Journal of Leukocyte Biology</i> , 2016, 100, 599-606.	1.5	30
52	Revisiting the impact of lifestyle on colorectal cancer risk in a gender perspective. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 145, 102834.	2.0	30
53	The biological relevance of polykaryons in the immune response. <i>Trends in Immunology</i> , 1997, 18, 522-527.	7.5	27
54	Immunomodulatory effects of the HIV-1 gp120 protein on antigen presenting cells: implications for AIDS pathogenesis. <i>Immunobiology</i> , 2004, 209, 99-115.	0.8	27

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55	IL-2 induces expression and secretion of IFN- \hat{I}^3 in murine peritoneal macrophages. <i>Journal of Leukocyte Biology</i> , 2005, 78, 686-695.	1.5	27
56	Induction of cytokines by HIV-1 and its gp120 protein in human peripheral blood monocyte/macrophages and modulation of cytokine response during differentiation. <i>Journal of Leukocyte Biology</i> , 1997, 62, 49-53.	1.5	26
57	Revisiting the Specificity of Small Molecule Inhibitors: The Example of Stattic in Dendritic Cells. <i>Chemistry and Biology</i> , 2012, 19, 1213-1214.	6.2	25
58	Protocatechuic acid inhibits human dendritic cell functional activation: Role of PPAR \hat{I}^3 up-modulation. <i>Immunobiology</i> , 2014, 219, 416-424.	0.8	25
59	The essential role of endogenous IFN \hat{I}^1/\hat{I}^2 in the anti-metastatic action of sensitized T lymphocytes in mice injected with friend erythroleukemia cells. <i>International Journal of Cancer</i> , 1995, 63, 726-731.	2.3	24
60	Lysophospholipids and chemokines activate distinct signal transduction pathways in T helper 1 and T helper 2 cells. <i>Cellular Signalling</i> , 2004, 16, 991-1000.	1.7	24
61	DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. <i>Immunome Research</i> , 2010, 6, 10.	0.1	23
62	CC chemokine ligand 2 down-modulation by selected Toll-like receptor agonist combinations contributes to T helper 1 polarization in human dendritic cells. <i>Blood</i> , 2009, 114, 796-806.	0.6	21
63	Immune Dysfunctions and Immunotherapy in Colorectal Cancer: The Role of Dendritic Cells. <i>Cancers</i> , 2019, 11, 1491.	1.7	20
64	Role of endogenous interferon- \hat{I}^2 in the restriction of HIV replication in human monocyte/macrophages. <i>Journal of Leukocyte Biology</i> , 1994, 56, 358-361.	1.5	19
65	The HIV-1 vpr protein induces anoikis-resistance by modulating cell adhesion process and microfilament system assembly. <i>Cell Death and Differentiation</i> , 2000, 7, 25-36.	5.0	19
66	Are we fully exploiting type I Interferons in today's fight against COVID-19 pandemic?. <i>Cytokine and Growth Factor Reviews</i> , 2020, 54, 43-50.	3.2	19
67	Integrated Transcriptome Analysis of Human Visceral Adipocytes Unravels Dysregulated microRNA-Long Non-coding RNA-mRNA Networks in Obesity and Colorectal Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1089.	1.3	18
68	Post-translational up-regulation of the cell surface-associated \hat{I}^1 component of the human type I interferon receptor during differentiation of peripheral blood monocytes: role in the biological response to type I interferon. <i>European Journal of Immunology</i> , 1997, 27, 1075-1081.	1.6	17
69	HIV-1-Induced Impairment of Dendritic Cell Cross Talk with \hat{I}^3 T Lymphocytes. <i>Journal of Virology</i> , 2015, 89, 4798-4808.	1.5	17
70	Nuclear Phosphoinositide-Specific Phospholipase C \hat{I}^2 Controls Cytoplasmic CCL2 mRNA Levels in HIV-1 gp120-Stimulated Primary Human Macrophages. <i>PLoS ONE</i> , 2013, 8, e59705.	1.1	17
71	Inhibition of the Constitutive and Induced IFN- \hat{I}^2 Production by IL-4 and IL-10 in Murine Peritoneal Macrophages. <i>Virology</i> , 2000, 277, 270-277.	1.1	16
72	Rat mir-155 generated from the lncRNA <i>Bic</i> is a "hidden"™ in the alternate genomic assembly and reveals the existence of novel mammalian miRNAs and clusters. <i>Rna</i> , 2013, 19, 365-379.	1.6	14

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73	Interplay between HIV-1 and Toll-like receptors in human myeloid cells: friend or foe in HIV-1 pathogenesis?. <i>Journal of Leukocyte Biology</i> , 2016, 99, 97-105.	1.5	13
74	Innate Lymphocytes in Adipose Tissue Homeostasis and Their Alterations in Obesity and Colorectal Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 2556.	2.2	13
75	Selective Alteration of the Turnover of Interferon β mRNA in Peritoneal Macrophages from LPS-Hyporesponsive Mice and Its Role in the Defective Expression of Spontaneous Interferon. <i>Virology</i> , 1993, 193, 507-509.	1.1	12
76	Toll-like receptor cross-talk in human monocytes regulates CC-chemokine production, antigen uptake and immune cell recruitment. <i>Immunobiology</i> , 2011, 216, 1135-1142.	0.8	12
77	Opposite regulatory effects of IFN- β and IL-3 on C-type lectin receptors, antigen uptake, and phagocytosis in human macrophages. <i>Journal of Leukocyte Biology</i> , 2013, 95, 161-168.	1.5	12
78	CCL2 induction by 1,25(OH) $_2$ D $_3$ in dendritic cells from healthy donors and multiple sclerosis patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 102-105.	1.2	12
79	STAT3-silenced human dendritic cells have an enhanced ability to prime IFN- γ production by both $\alpha\beta$ and $\gamma\delta$ T lymphocytes. <i>Immunobiology</i> , 2014, 219, 503-511.	0.8	12
80	Phospholipases: at the crossroads of the immune system and the pathogenesis of HIV-1 infection. <i>Journal of Leukocyte Biology</i> , 2017, 101, 53-75.	1.5	10
81	Inhibitory Activity of Constitutive Nitric Oxide on the Expression of Alpha/Beta Interferon Genes in Murine Peritoneal Macrophages. <i>Journal of Virology</i> , 1999, 73, 7328-7333.	1.5	10
82	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. <i>Journal of Virology</i> , 2000, 74, 10207-10211.	1.5	9
83	HIV-1 gp120 influences the expression of microRNAs in human monocyte-derived dendritic cells via STAT3 activation. <i>BMC Genomics</i> , 2015, 16, 480.	1.2	9
84	Linking Diet to Colorectal Cancer: The Emerging Role of MicroRNA in the Communication between Plant and Animal Kingdoms. <i>Frontiers in Microbiology</i> , 2017, 08, 597.	1.5	9
85	Type I Interferons as Joint Regulators of Tumor Growth and Obesity. <i>Cancers</i> , 2021, 13, 196.	1.7	9
86	Dual requirement for STAT signaling in dendritic cell immunobiology. <i>Immunobiology</i> , 2018, 223, 342-347.	0.8	8
87	Specific Interferon Genes Are Expressed in Individual Cells in the Peritoneum and Bone Marrow of Normal Mice. <i>Journal of Interferon Research</i> , 1992, 12, 27-34.	1.2	7
88	Dietary habits affect fatty acid composition of visceral adipose tissue in subjects with colorectal cancer or obesity. <i>European Journal of Nutrition</i> , 2020, 59, 1463-1472.	1.8	7
89	Activators of Protein Kinase C Enhance Accumulation of Interferon- β mRNA in Murine Cell Lines. <i>Journal of Interferon Research</i> , 1989, 9, 543-550.	1.2	6
90	Role of interferons in the restriction of HIV replication in human monocytes/macrophages. <i>Research in Immunology</i> , 1994, 145, 659-663.	0.9	5

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91	Studies on the Mechanism of the Interferon-mediated Antiviral State to Vesicular Stomatitis Virus in Resting Mouse Peritoneal Macrophages. <i>Journal of General Virology</i> , 1989, 70, 1899-1905.	1.3	4
92	Cyclic AMP-mediated inhibition of vesicular stomatitis virus and herpes simplex virus replication in mouse macrophage-like cells. <i>Journal of General Virology</i> , 1992, 73, 2949-2954.	1.3	4
93	Direct and Intestinal Epithelial Cell-Mediated Effects of TLR8 Triggering on Human Dendritic Cells, CD14+CD16+ Monocytes and $\hat{I}^{\hat{I}}$ T Lymphocytes. <i>Frontiers in Immunology</i> , 2017, 8, 1813.	2.2	4
94	Effects of different biological response modifiers on interferon expression in bacterial lipopolysaccharide (LPS)-responsive and LPS-hyporesponsive mouse peritoneal macrophages. <i>Journal of General Virology</i> , 1990, 71, 2585-2591.	1.3	3
95	Bovine Lactoferrin-Induced CCL1 Expression Involves Distinct Receptors in Monocyte-Derived Dendritic Cells and Their Monocyte Precursors. <i>Toxins</i> , 2015, 7, 5472-5483.	1.5	3
96	HIV Exploitation of DC Biology to Subvertthe Host Immune Response. , 2007, , 447-484.		3
97	Editorial: Diet, Inflammation and Colorectal Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 2598.	2.2	2
98	Expression of interferon genes in murine macrophages: Possible role of endogenous interferon in the modulation of cell differentiation. <i>Cytotechnology</i> , 1991, 5, 172-175.	0.7	0
99	Spontaneous expression of interferon genes in murine peritoneal macrophages: Modulation during the in vitro aging. <i>Archives of Gerontology and Geriatrics</i> , 1992, 15, 123-128.	1.4	0
100	Targeting CCL2 inhibits viral DNA accumulation and induces APOBEC3A expression in HIV-1 infected primary human macrophages. <i>Retrovirology</i> , 2013, 10, .	0.9	0
101	Erythrocyte-Based Targeted Release to Macrophages of an Azidothymidine Homodinucleotide Prevents Retroviral Infection. , 1997, , 51-57.		0