

Sandro Grelli

List of Publications by Year in descending order

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73
papers

1,758
citations

257101

24
h-index

329751

37
g-index

74
all docs

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docs citations

74
times ranked

2373
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo and In Vitro Studies Support That a New Splicing Isoform of OLR1 Gene Is Protective Against Acute Myocardial Infarction. <i>Circulation Research</i> , 2005, 97, 152-158.	2.0	116
2	Thymosin- $\hat{1}\pm 1$ regulates MHC class I expression in FRTL-5 cells at transcriptional level. <i>European Journal of Immunology</i> , 2000, 30, 778-786.	1.6	85
3	Correlation between Induction of Lymphocyte Apoptosis and Prostaglandin E2 Production by Macrophages Infected with HIV. <i>Cellular Immunology</i> , 1993, 152, 120-130.	1.4	65
4	Analysis of ACE2 genetic variants in 131 Italian SARS-CoV-2-positive patients. <i>Human Genomics</i> , 2020, 14, 29.	1.4	60
5	Identification of nuclei from apoptotic, necrotic, and viable lymphoid cells by using multiparameter flow cytometry. , 1999, 35, 145-153.		58
6	Evidence of the pathogenic HERV-W envelope expression in T lymphocytes in association with the respiratory outcome of COVID-19 patients. <i>EBioMedicine</i> , 2021, 66, 103341.	2.7	57
7	Synergistic effect of thymosin $\hat{1}\pm 1$ and $\hat{1}\pm 2$ -interferon on NK activity in tumor-bearing mice. <i>International Journal of Immunopharmacology</i> , 1989, 11, 443-450.	1.1	54
8	Antitumour effect of OM-174 and Cyclophosphamide on murine B16 melanoma in different experimental conditions. <i>International Immunopharmacology</i> , 2005, 5, 1205-1212.	1.7	54
9	Combination therapy with thymosin $\hat{1}\pm 1$ potentiates the anti-tumor activity of interleukin-2 with cyclophosphamide in the treatment of the lewis lung carcinoma in mice. <i>International Journal of Cancer</i> , 1992, 50, 493-499.	2.3	48
10	The novel proapoptotic activity of nonnatural enantiomer of Lentiginosine. <i>Glycobiology</i> , 2010, 20, 500-506.	1.3	44
11	Herpes simplex virus 2 causes apoptotic infection in monocytoid cells. <i>Cell Death and Differentiation</i> , 1997, 4, 629-638.	5.0	43
12	Involvement of HVEM receptor in activation of nuclear factor $\hat{1}\pm B$ by herpes simplex virus 1 glycoprotein D. <i>Cellular Microbiology</i> , 2008, 10, 2297-2311.	1.1	43
13	Effect of microvesicles from <i>Moringa oleifera</i> containing miRNA on proliferation and apoptosis in tumor cell lines. <i>Cell Death Discovery</i> , 2020, 6, 43.	2.0	43
14	Role of inflammation and apoptosis in multiple sclerosis: Comparative analysis between the periphery and the central nervous system. <i>Journal of Neuroimmunology</i> , 2015, 287, 80-87.	1.1	41
15	Increased caspase activation in peripheral blood mononuclear cells of patients with Alzheimer's disease. <i>Experimental Neurology</i> , 2004, 190, 254-262.	2.0	40
16	Combination treatment with zidovudine, thymosin $\hat{1}\pm 1$ and interferon- $\hat{1}\pm$ in human immunodeficiency virus infection and interferon- $\hat{1}\pm$ in human immunodeficiency virus infection. <i>International Journal of Clinical and Laboratory Research</i> , 1994, 24, 23-28.	1.0	39
17	Cell death pathologies: targeting death pathways and the immune system for cancer therapy. <i>Genes and Immunity</i> , 2019, 20, 539-554.	2.2	39
18	Thymosin alpha 1 and HIV-1: recent advances and future perspectives. <i>Future Microbiology</i> , 2017, 12, 141-155.	1.0	37

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19	Involvement of gD/HVEM interaction in NF- κ B-dependent inhibition of apoptosis by HSV-1 gD. <i>Biochemical Pharmacology</i> , 2008, 76, 1522-1532.	2.0	35
20	Inhibition of HECT E3 ligases as potential therapy for COVID-19. <i>Cell Death and Disease</i> , 2021, 12, 310.	2.7	33
21	Reduced Titers of Circulating Anti-SARS-CoV-2 Antibodies and Risk of COVID-19 Infection in Healthcare Workers during the Nine Months after Immunization with the BNT162b2 mRNA Vaccine. <i>Vaccines</i> , 2022, 10, 141.	2.1	33
22	Children With Autism Spectrum Disorder and Their Mothers Share Abnormal Expression of Selected Endogenous Retroviruses Families and Cytokines. <i>Frontiers in Immunology</i> , 2019, 10, 2244.	2.2	32
23	Thymosin Alpha 1 Mitigates Cytokine Storm in Blood Cells From Coronavirus Disease 2019 Patients. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa588.	0.4	27
24	Antiretroviral Therapy in HTLV-1 Infection: An Updated Overview. <i>Pathogens</i> , 2020, 9, 342.	1.2	26
25	Satraplatin (JM-216) mediates G2/M cell cycle arrest and potentiates apoptosis via multiple death pathways in colorectal cancer cells thus overcoming platinum chemo-resistance. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 67, 1299-1312.	1.1	25
26	Retinoids in Fungal Infections: From Bench to Bedside. <i>Pharmaceuticals</i> , 2021, 14, 962.	1.7	25
27	Thymosin α 1 potentiates interleukin 2-induced cytotoxic activity in mice. <i>Cellular Immunology</i> , 1991, 133, 196-205.	1.4	24
28	High expression of Endogenous Retroviruses from intrauterine life to adulthood in two mouse models of Autism Spectrum Disorders. <i>Scientific Reports</i> , 2018, 8, 629.	1.6	24
29	Spontaneous and anti-Fas-induced apoptosis in lymphocytes from HIV-infected patients undergoing highly active anti-retroviral therapy. <i>Aids</i> , 2000, 14, 939-949.	1.0	23
30	Signaling Pathway Used by HSV-1 to Induce NF- κ B Activation: Possible Role of Herpes Virus Entry Receptor A. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 89-96.	1.8	23
31	HSV-1-induced activation of NF- κ B protects U937 monocytic cells against both virus replication and apoptosis. <i>Cell Death and Disease</i> , 2016, 7, e2354-e2354.	2.7	23
32	Quantification of HTLV-1 reverse transcriptase activity in ATL patients treated with zidovudine and interferon- α . <i>Blood Advances</i> , 2017, 1, 748-752.	2.5	23
33	Expression profiles of the SARS-CoV-2 host invasion genes in nasopharyngeal and oropharyngeal swabs of COVID-19 patients. <i>Heliyon</i> , 2020, 6, e05143.	1.4	23
34	Skin immunity and its dysregulation in atopic dermatitis, hidradenitis suppurativa and vitiligo. <i>Cell Cycle</i> , 2020, 19, 257-267.	1.3	22
35	Efficacy of 3-azido 2-deoxythymidine (AZT) in preventing HTLV-1 transmission to human cord blood mononuclear cells. <i>Virus Research</i> , 2001, 78, 67-78.	1.1	21
36	Cytotoxic and apoptotic effects of different extracts of <i>Moringa oleifera</i> Lam on lymphoid and monocytoïd cells. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 5-17.	0.8	19

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37	Endogenous Retroviruses Activity as a Molecular Signature of Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6050.	1.8	18
38	Role of Bcl-2 expression for productive herpes simplex virus 2 replication. <i>Virology</i> , 2006, 356, 136-146.	1.1	16
39	Characterization of the enhanced apoptotic response to azidothymidine by pharmacological inhibition of NF- κ B. <i>Life Sciences</i> , 2015, 127, 90-97.	2.0	16
40	NF- κ B-Dependent Production of ROS and Restriction of HSV-1 Infection in U937 Monocytic Cells. <i>Viruses</i> , 2019, 11, 428.	1.5	16
41	Apoptosis-associated gene expression in HIV-infected patients in response to successful antiretroviral therapy. <i>Journal of Medical Virology</i> , 2007, 79, 111-117.	2.5	15
42	Platinum-(IV)-derivative satraplatin induced G2/M cell cycle perturbation via p53-p21/waf1/cip1-independent pathway in human colorectal cancer cells. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 1387-1396.	2.8	15
43	($\hat{\alpha}$) $\hat{\alpha}$ (1<i>R</i>,2<i>R</i>,7<i>S</i>,8<i>R</i>) $\hat{\alpha}$ 1,2,7-trihydroxyindolizidine (($\hat{\alpha}$) $\hat{\alpha}$ 7<i>S</i>) $\hat{\alpha}$ OH $\hat{\alpha}$ Levintiginosine): Synthesis and Proapoptotic Activity. <i>ChemPlusChem</i> , 2012, 77, 224-233.	1.3	15
44	Na $\hat{\alpha}$ -ve/effector CD4 T cell ratio as a useful predictive marker of immune reconstitution in late presenter HIV patients: A multicenter study. <i>PLoS ONE</i> , 2019, 14, e0225415.	1.1	15
45	Plant microRNAs from <i>Moringa oleifera</i> Regulate Immune Response and HIV Infection. <i>Frontiers in Pharmacology</i> , 2020, 11, 620038.	1.6	14
46	The Decrease in Human Endogenous Retrovirus-H Activity Runs in Parallel with Improvement in ADHD Symptoms in Patients Undergoing Methylphenidate Therapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3286.	1.8	13
47	Thymosin $\hat{\alpha}$ 1 potentiates the release by CD8+ cells of soluble factors able to inhibit HIV-1 and human T lymphotropic virus 1 infection in vitro. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 83-100.	1.4	12
48	First Case of a COVID-19 Patient Infected by Delta AY.4 with a Rare Deletion Leading to a N Gene Target Failure by a Specific Real Time PCR Assay: Novel Omicron VOC Might Be Doing Similar Scenario?. <i>Microorganisms</i> , 2022, 10, 268.	1.6	12
49	Deciphering cellular biological processes to clinical application: a new perspective for $\hat{\alpha}$ 1 treatment targeting multiple diseases. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 23-31.	1.4	11
50	Post-Mortem RT-PCR Assay for SARS-CoV-2 RNA in COVID-19 Patients $\hat{\alpha}$ ™ Corneal Epithelium, Conjunctival and Nasopharyngeal Swabs. <i>Journal of Clinical Medicine</i> , 2021, 10, 4256.	1.0	11
51	Leucocyte Rheological Properties Are Altered in Patients with Diffuse Atherosclerosis. <i>Thrombosis and Haemostasis</i> , 1997, 77, 1073-1076.	1.8	11
52	Future Perspectives on Drug Targeting in Adult T Cell Leukemia-Lymphoma. <i>Frontiers in Microbiology</i> , 2018, 9, 925.	1.5	10
53	Thymosin- $\hat{\alpha}$ 1 regulates MHC class I expression in FRTL-5 cells at transcriptional level. <i>European Journal of Immunology</i> , 2000, 30, 778-786.	1.6	10
54	Inverse correlation between CD8+ lymphocyte apoptosis and CD4+ cell counts during potent antiretroviral therapy in HIV patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 494-500.	1.3	9

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55	Effector caspase activation, in the absence of a conspicuous apoptosis induction, in mononuclear cells treated with azidothymidine. <i>Pharmacological Research</i> , 2009, 59, 125-133.	3.1	9
56	p73 Regulates Primary Cortical Neuron Metabolism: a Global Metabolic Profile. <i>Molecular Neurobiology</i> , 2018, 55, 3237-3250.	1.9	9
57	The Concomitant Expression of Human Endogenous Retroviruses and Embryonic Genes in Cancer Cells under Microenvironmental Changes is a Potential Target for Antiretroviral Drugs. <i>Cancer Microenvironment</i> , 2019, 12, 105-118.	3.1	9
58	Lymphocytes as Liver Damage Mirror of HCV Related Adipogenesis Deregulation. <i>PLoS ONE</i> , 2014, 9, e92343.	1.1	8
59	Recombinant Interferon γ 2a, Thymopentin and Low Doses of Cytosine Arabinoside for the Treatment of Myelodysplastic Syndromes: A Pilot Study. <i>Leukemia and Lymphoma</i> , 1995, 16, 335-342.	0.6	7
60	High CD169 Monocyte/Lymphocyte Ratio Reflects Immunophenotype Disruption and Oxygen Need in COVID-19 Patients. <i>Pathogens</i> , 2021, 10, 1639.	1.2	7
61	Approaches towards the synthesis of 7-halo-1,2-dihydroxyindolizidines (7-halolentiginosines) thwarting Grob fragmentation processes. <i>Tetrahedron</i> , 2015, 71, 5806-5813.	1.0	5
62	Testing anti-HIV activity of antiretroviral agents in vitro using flow cytometry analysis of CEM-GFP cells infected with transfection-derived HIV-1 NL4-3. <i>Journal of Medical Virology</i> , 2016, 88, 979-986.	2.5	5
63	Key mutations in the C-terminus of the HBV surface glycoprotein correlate with lower HBsAg levels <i>in vivo</i> , hinder HBsAg secretion <i>in vitro</i> and reduce HBsAg structural stability in the setting of HBeAg-negative chronic HBV genotype-D infection. <i>Emerging Microbes and Infections</i> , 2020, 9, 928-939.	3.0	5
64	Apoptotic Cell Signaling in Lymphocytes from HIV+ Patients during Successful Therapy. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 130-137.	1.8	4
65	Rationale for Therapeutic Approaches with Thymosin α 1, Interleukin 2 and Interferon in Combination with Chemotherapy. , 1992, , 275-281.		4
66	CD4+Lymphocyte Increases in HIV Patients during Potent Antiretroviral Therapy Are Dependent on Inhibition of CD8+Cell Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 560-564.	1.8	3
67	Focus on recently developed assays for detection of resistance/sensitivity to reverse transcriptase inhibitors. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9925-9936.	1.7	3
68	Appraisal of a Simple and Effective RT-qPCR Assay for Evaluating the Reverse Transcriptase Activity in Blood Samples from HIV-1 Patients. <i>Pathogens</i> , 2020, 9, 1047.	1.2	3
69	Inhibition of β -phosphorylation potentiates regulated cell death induced by azidothymidine in HTLV-1 infected cells. <i>Cell Death Discovery</i> , 2020, 6, 9.	2.0	3
70	Tuberculosis-Related Hospitalizations in a Low-Incidence Country: A Retrospective Analysis in Two Italian Infectious Diseases Wards. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 124.	1.2	3
71	Changes in apoptosis after interruption of potent antiretroviral therapy in patients with maximal HIV-1-RNA suppression. <i>Aids</i> , 2001, 15, 1178-1181.	1.0	3
72	HBeAg Levels Vary across the Different Stages of HBV Infection According to the Extent of Immunological Pressure and Are Associated with Therapeutic Outcome in the Setting of Immunosuppression-Driven HBV Reactivation. <i>Biomedicines</i> , 2021, 9, 1352.	1.4	1

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73	Combined Therapy with Zidovudine, Thymosin $\hat{1}\pm$ and $\hat{1}\pm$ -Interferon in the Treatment of HIV-Infected Patients. , 1993, , 235-242.		1