

Davide Zella

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

4,256
citations

147801

31
h-index

118850

62
g-index

92
all docs

92
docs citations

92
times ranked

7063
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution patterns of SARS-CoV-2: Snapshot on its genome variants. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 88-91.	2.1	121
2	SARS-CoV-2 Lineages and Sub-Lineages Circulating Worldwide: A Dynamic Overview. <i>Chemotherapy</i> , 2021, 66, 3-7.	1.6	39
3	Tampering of Viruses and Bacteria with Host DNA Repair: Implications for Cellular Transformation. <i>Cancers</i> , 2021, 13, 241.	3.7	10
4	Exogenous bacterial DnaK increases protein kinases activity in human cancer cell lines. <i>Journal of Translational Medicine</i> , 2021, 19, 60.	4.4	6
5	Analysis of Three Mutations in Italian Strains of SARS-CoV-2: Implications for Pathogenesis. <i>Chemotherapy</i> , 2021, 66, 33-37.	1.6	4
6	SARS-CoV-2 Infection and the COVID-19 Pandemic Emergency: The Importance of Diagnostic Methods. <i>Chemotherapy</i> , 2021, 66, 17-23.	1.6	14
7	Analysis of DnaK Expression from a Strain of <i>Mycoplasma fermentans</i> in Infected HCT116 Human Colon Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3885.	4.1	6
8	The importance of genomic analysis in cracking the coronavirus pandemic. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 547-562.	3.1	14
9	SARS-CoV-2 shifting transmission dynamics and hidden reservoirs potentially limit efficacy of public health interventions in Italy. <i>Communications Biology</i> , 2021, 4, 489.	4.4	23
10	Viruses and Bacteria Associated with Cancer: An Overview. <i>Viruses</i> , 2021, 13, 1039.	3.3	26
11	The variants question: What is the problem?. <i>Journal of Medical Virology</i> , 2021, 93, 6479-6485.	5.0	26
12	SARS-CoV-2 B.1.617 Indian variants: Are electrostatic potential changes responsible for a higher transmission rate?. <i>Journal of Medical Virology</i> , 2021, 93, 6551-6556.	5.0	79
13	Detection of a SARS-CoV-2 P.1.1 variant lacking N501Y in a vaccinated health care worker in Italy. <i>Journal of Infection</i> , 2021, , .	3.3	1
14	Combined cART including Tenofovir Disoproxil, Emtricitabine, and Dolutegravir has potent therapeutic effects in HIV-1 infected humanized mice. <i>Journal of Translational Medicine</i> , 2021, 19, 453.	4.4	2
15	Comparison of SARS-CoV-2 Receptors Expression in Primary Endothelial Cells and Retinoic Acid-Differentiated Human Neuronal Cells. <i>Viruses</i> , 2021, 13, 2193.	3.3	10
16	Anti-HIV Activity of Standard Combined Antiretroviral Therapy in Primary Cells Is Intensified by CCR5-Targeting Drugs. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 835-841.	1.1	3
17	Atopic Dermatitis as a Multifactorial Skin Disorder. Can the Analysis of Pathophysiological Targets Represent the Winning Therapeutic Strategy?. <i>Pharmaceuticals</i> , 2020, 13, 411.	3.8	21
18	Emerging of a SARS-CoV-2 viral strain with a deletion in nsp1. <i>Journal of Translational Medicine</i> , 2020, 18, 329.	4.4	71

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19	Impact of lockdown on Covid-19 case fatality rate and viral mutations spread in 7 countries in Europe and North America. <i>Journal of Translational Medicine</i> , 2020, 18, 338.	4.4	86
20	Mycoplasmasâ€™ Host Interaction: Mechanisms of Inflammation and Association with Cellular Transformation. <i>Microorganisms</i> , 2020, 8, 1351.	3.6	38
21	Resveratrol, Rapamycin and Metformin as Modulators of Antiviral Pathways. <i>Viruses</i> , 2020, 12, 1458.	3.3	12
22	An Immunohistochemical Analysis of Free Radical Stress in the Heart of the HIV-1 Transgenic Rat. <i>Microscopy and Microanalysis</i> , 2020, 26, 1342-1344.	0.4	1
23	The HIV-1 Transgenic Rat: Relevance for HIV Noninfectious Comorbidity Research. <i>Microorganisms</i> , 2020, 8, 1643.	3.6	7
24	SARSâ€CoVâ€2: March toward adaptation. <i>Journal of Medical Virology</i> , 2020, 92, 2274-2276.	5.0	18
25	Inverse correlation between average monthly high temperatures and COVID-19-related death rates in different geographical areas. <i>Journal of Translational Medicine</i> , 2020, 18, 251.	4.4	29
26	Role of Mycoplasma Chaperone DnaK in Cellular Transformation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1311.	4.1	21
27	Emerging SARS-CoV-2 mutation hot spots include a novel RNA-dependent-RNA polymerase variant. <i>Journal of Translational Medicine</i> , 2020, 18, 179.	4.4	784
28	Chronic Oxidative Stress and Comorbidities in the HIV-1 Transgenic Rat. <i>Microscopy and Microanalysis</i> , 2019, 25, 1160-1161.	0.4	1
29	Proteome analysis of Mycoplasma fermentans cultured under aerobic and anaerobic conditions. <i>Translational Medicine Communications</i> , 2019, 4, .	1.4	4
30	Identification of Premature Senescence Cells in the Brain of the HIV-1 Transgenic Rat (HIV-TG Rat). <i>Microscopy and Microanalysis</i> , 2018, 24, 1290-1291.	0.4	1
31	Mycoplasma promotes malignant transformation in vivo, and its DnaK, a bacterial chaperone protein, has broad oncogenic properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12005-E12014.	7.1	47
32	Anti-inflammatory effects of H2S during acute bacterial infection: a review. <i>Journal of Translational Medicine</i> , 2017, 15, 100.	4.4	55
33	Mycoplasma hominis and Mycoplasma genitalium in the Vaginal Microbiota and Persistent High-Risk Human Papillomavirus Infection. <i>Frontiers in Public Health</i> , 2017, 5, 140.	2.7	55
34	CHAPTER 12. Inflammaging, Oxidative Stress and Carnosine: Role of Hormetic Vitagenes. <i>Food and Nutritional Components in Focus</i> , 2015, , 238-256.	0.1	3
35	Epigenetic nutraceutical diets in Alzheimer's disease. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 800-805.	3.3	36
36	Altered expression pattern of Nrf2/HO-1 axis during accelerated-senescence in HIV-1 transgenic rat. <i>Biogerontology</i> , 2014, 15, 449-461.	3.9	27

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37	Sulfur compounds block MCP-1 production by Mycoplasma fermentans-infected macrophages through NF- κ B inhibition. <i>Journal of Translational Medicine</i> , 2014, 12, 145.	4.4	41
38	B cell lymphoma in hiv transgenic mice. <i>Retrovirology</i> , 2013, 10, 92.	2.0	32
39	Enhancement of mitochondrial biogenesis with polyphenols: combined effects of resveratrol and equol in human endothelial cells. <i>Immunity and Ageing</i> , 2013, 10, 28.	4.2	58
40	MDM2 Non-Genotoxic Inhibitors as Innovative Therapeutic Approaches for the Treatment of Pediatric Malignancies. <i>Current Medicinal Chemistry</i> , 2013, 20, 2226-2236.	2.4	4
41	Synergistic Effect of L-Carnosine and EGCG in the Prevention of Physiological Brain Aging. <i>Current Pharmaceutical Design</i> , 2013, 19, 2722-2727.	1.9	29
42	Pleiotropic Protective Effects of Phytochemicals in Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-11.	4.0	87
43	Modulation of Nrf2/ARE Pathway by Food Polyphenols: A Nutritional Neuroprotective Strategy for Cognitive and Neurodegenerative Disorders. <i>Molecular Neurobiology</i> , 2011, 44, 192-201.	4.0	325
44	The "Alzheimer's disease signature": potential perspectives for novel biomarkers. <i>Immunity and Ageing</i> , 2011, 8, 7.	4.2	17
45	Human Full-Length Osteoprotegerin Induces the Proliferation of Rodent Vascular Smooth Muscle Cells both in vitro and in vivo. <i>Journal of Vascular Research</i> , 2010, 47, 252-261.	1.4	38
46	Structural basis for high-affinity peptide inhibition of p53 interactions with MDM2 and MDMX. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4665-4670.	7.1	334
47	Turning a Scorpion Toxin into an Antitumor Miniprotein. <i>Journal of the American Chemical Society</i> , 2008, 130, 13546-13548.	13.7	69
48	HTLV-IIb reduces HIV infection. <i>Blood</i> , 2007, 109, 1792-1792.	1.4	0
49	Desialylation of glycoconjugates on the surface of monocytes activates the extracellular signal-related kinases ERK 1/2 and results in enhanced production of specific cytokines. <i>Journal of Leukocyte Biology</i> , 2004, 75, 307-313.	3.3	45
50	Establishment of an ex vivo model of monocytes-derived macrophages differentiated from peripheral blood mononuclear cells (PBMCs) from HIV-1 transgenic rats. <i>Molecular Immunology</i> , 2004, 41, 979-984.	2.2	17
51	TRAIL Promotes the Survival and Proliferation of Primary Human Vascular Endothelial Cells by Activating the Akt and ERK Pathways. <i>Circulation</i> , 2003, 107, 2250-2256.	1.6	283
52	Induction of G1 cycle arrest in T lymphocytes results in increased extracellular levels of β -chemokines: A strategy to inhibit R5 HIV-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4179-4184.	7.1	35
53	IFN- γ Increases Interleukin-10 Expression in Primary Activated Human CD8+T Cells. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 1167-1173.	1.2	12
54	MEK and ERK inhibitors enhance the antiproliferative effect of interferon- γ . <i>FASEB Journal</i> , 2002, 16, 1680-1682.	0.5	60

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55	Human herpesvirus 7 induces the functional up-regulation of tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) coupled to TRAIL-R1 down-modulation in CD4+ T cells. <i>Blood</i> , 2001, 98, 2474-2481.	1.4	31
56	Human Primary CD4+T Cells Activated in the Presence of IFN- γ ±2b Express Functional Indoleamine 2,3-Dioxygenase. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 431-437.	1.2	21
57	Engagement of CD28 Modulates CXC Chemokine Receptor 4 Surface Expression in Both Resting and CD3-Stimulated CD4+ T Cells. <i>Journal of Immunology</i> , 2000, 164, 4018-4024.	0.8	25
58	Pivotal role of cyclic nucleoside phosphodiesterase 4 in Tat-mediated CD4+ T cell hyperactivation and HIV type 1 replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14620-14625.	7.1	25
59	Interferon- γ ± 2b reduces phosphorylation and activity of MEK and ERK through a Ras/Raf-independent mechanism. <i>British Journal of Cancer</i> , 2000, 83, 532-538.	6.4	30
60	IFN- γ ±2b Reduces IL-2 Production and IL-2 Receptor Function in Primary CD4+T Cells. <i>Journal of Immunology</i> , 2000, 164, 2296-2302.	0.8	36
61	Stromal derived factor-1 γ ± induces apoptosis in activated primary CD4+ T cells. <i>Aids</i> , 2000, 14, 748-750.	2.2	10
62	Quantitative PCR for HIV-1 Proviral DNA. , 1999, 17, 119-124.		0
63	A novel sensitive assay to define immune status using short-term peripheral blood derived cell culture and dual-color flow cytometry. <i>Immunology Letters</i> , 1998, 62, 45-49.	2.5	3
64	Neither Human Immunodeficiency Virus-1 (HIV-1) nor HIV-2 Infects Most-Primitive Human Hematopoietic Stem Cells as Assessed in Long-Term Bone Marrow Cultures. <i>Blood</i> , 1998, 91, 907-915.	1.4	63
65	Progressive and Persistent Downregulation of Surface CXCR4 in CD4+ T Cells Infected With Human Herpesvirus 7. <i>Blood</i> , 1998, 92, 4521-4528.	1.4	28
66	Interferon- β Increases Expression of Chemokine Receptors CCR1, CCR3, and CCR5, But Not CXCR4 in Monocytoid U937 Cells. <i>Blood</i> , 1998, 91, 4444-4450.	1.4	74
67	Interferon- β Increases Expression of Chemokine Receptors CCR1, CCR3, and CCR5, But Not CXCR4 in Monocytoid U937 Cells. <i>Blood</i> , 1998, 91, 4444-4450.	1.4	20
68	Neither Human Immunodeficiency Virus-1 (HIV-1) nor HIV-2 Infects Most-Primitive Human Hematopoietic Stem Cells as Assessed in Long-Term Bone Marrow Cultures. <i>Blood</i> , 1998, 91, 907-915.	1.4	2
69	Progressive and Persistent Downregulation of Surface CXCR4 in CD4+ T Cells Infected With Human Herpesvirus 7. <i>Blood</i> , 1998, 92, 4521-4528.	1.4	6
70	Quantitation of herpes simplex virus DNA in cerebrospinal fluid of patients with herpes simplex encephalitis by the polymerase chain reaction. <i>Clinical and Diagnostic Virology</i> , 1997, 7, 183-191.	1.7	62
71	Quantitative systemic and local evaluation of the antiviral effect of ganciclovir and foscarnet induction treatment on human cytomegalovirus gastrointestinal disease of patients with AIDS. <i>Antiviral Research</i> , 1997, 34, 39-50.	4.1	18
72	Diagnosis of human cytomegalovirus infections in the immunocompromised host. <i>Clinical and Diagnostic Virology</i> , 1996, 5, 181-186.	1.7	12

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73	Intracellular expression of antibody fragments directed against HIV reverse transcriptase prevents HIV infection in vitro. <i>Nature Medicine</i> , 1995, 1, 667-673.	30.7	99
74	Utilization of a DNA enzyme immunoassay for the detection of proviral DNA of human immunodeficiency virus type 1 by polymerase chain reaction. <i>Clinical and Diagnostic Virology</i> , 1995, 3, 155-164.	1.7	2
75	Quantitative PCR for human herpesviruses 6 and 7. <i>Journal of Clinical Microbiology</i> , 1995, 33, 2124-2130.	3.9	80
76	Effect of foscarnet induction treatment on quantitation of human cytomegalovirus (HCMV) DNA in peripheral blood polymorphonuclear leukocytes and aqueous humor of AIDS patients with HCMV retinitis. The Italian Foscarnet Study Group. <i>Antimicrobial Agents and Chemotherapy</i> , 1994, 38, 38-44.	3.2	90
77	Quantification of human cytomegalovirus DNA in peripheral blood polymorphonuclear leukocytes of immunocompromised patients by the polymerase chain reaction. <i>Journal of Virological Methods</i> , 1993, 44, 45-55.	2.1	105
78	Molecular characterization of two isolates of human T cell leukaemia virus type II from Italian drug abusers and comparison of genome structure with other isolates. <i>Journal of General Virology</i> , 1993, 74, 437-444.	2.9	43
79	HTLV-II infection in Italian drug abusers. <i>Lancet</i> , The, 1990, 336, 575-576.	13.7	94
80	Enzymatically Active Forms of Reverse Transcriptase of the Human Immunodeficiency Virus. <i>AIDS Research and Human Retroviruses</i> , 1988, 4, 393-398.	1.1	44
81	SET and RESET Pulse Characterization in BJT-Selected Phase-Change Memories. , 0, , .		15
82	Molecular Biomarkers of Aging. , 0, , .		5