

Davide Zella

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/275784/publications.pdf>

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	HTLV-II infection in Italian drug abusers. <i>Lancet</i> , The, 1990, 336, 575-576.	13.7	94
9	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
10	Pleiotropic Protective Effects of Phytochemicals in Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-11.	4.0	87
11	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
12	Quantitative PCR for human herpesviruses 6 and 7. <i>Journal of Clinical Microbiology</i> , 1995, 33, 2124-2130.	3.9	80
13	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
14	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
15	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
16	Turning a Scorpion Toxin into an Antitumor Miniprotein. <i>Journal of the American Chemical Society</i> , 2008, 130, 13546-13548.	13.7	69
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	MEK and ERK inhibitors enhance the antiproliferative effect of interferon- γ . <i>FASEB Journal</i> , 2002, 16, 1680-1682.	0.5	60
20	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
21	Anti-inflammatory effects of H ₂ S during acute bacterial infection: a review. <i>Journal of Translational Medicine</i> , 2017, 15, 100.	4.4	55
22	<i>Mycoplasma hominis</i> and <i>Mycoplasma genitalium</i> in the Vaginal Microbiota and Persistent High-Risk Human Papillomavirus Infection. <i>Frontiers in Public Health</i> , 2017, 5, 140.	2.7	55
23	<i>Mycoplasma</i> 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
24	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
25	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
26	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
27	Sulfur compounds block MCP-1 production by <i>Mycoplasma fermentans</i> -infected macrophages through NF- κ B inhibition. <i>Journal of Translational Medicine</i> , 2014, 12, 145.	4.4	41
28	SARS-CoV-2 Lineages and Sub-Lineages Circulating Worldwide: A Dynamic Overview. <i>Chemotherapy</i> , 2021, 66, 3-7.	1.6	39
29	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
30	<i>Mycoplasmas</i> as "Host Interaction: Mechanisms of Inflammation and Association with Cellular Transformation. <i>Microorganisms</i> , 2020, 8, 1351.	3.6	38
31	IFN- γ 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
32	Epigenetic nutraceutical diets in Alzheimer's disease. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 800-805.	3.3	36
33	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
34	B cell lymphoma in hiv transgenic mice. <i>Retrovirology</i> , 2013, 10, 92.	2.0	32
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	Viruses and Bacteria Associated with Cancer: An Overview. <i>Viruses</i> , 2021, 13, 1039.	3.3	26
42	The variants question: What is the problem?. <i>Journal of Medical Virology</i> , 2021, 93, 6479-6485.	5.0	26
43	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
44	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
45	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
46	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
47	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
48	Role of Mycoplasma Chaperone DnaK in Cellular Transformation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1311.	4.1	21
49	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
50	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
51	SARS-CoV-2: March toward adaptation. <i>Journal of Medical Virology</i> , 2020, 92, 2274-2276.	5.0	18
52	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
53	The "Alzheimer's disease signature": potential perspectives for novel biomarkers. <i>Immunity and Ageing</i> , 2011, 8, 7.	4.2	17
54	SET and RESET Pulse Characterization in BJT-Selected Phase-Change Memories. , 0, , .		15

#	ARTICLE	IF	CITATIONS
55	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
56	The importance of genomic analysis in cracking the coronavirus pandemic. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 547-562.	3.1	14
57	Diagnosis of human cytomegalovirus infections in the immunocompromised host. <i>Clinical and Diagnostic Virology</i> , 1996, 5, 181-186.	1.7	12
58	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
59	Resveratrol, Rapamycin and Metformin as Modulators of Antiviral Pathways. <i>Viruses</i> , 2020, 12, 1458.	3.3	12
60	Tampering of Viruses and Bacteria with Host DNA Repair: Implications for Cellular Transformation. <i>Cancers</i> , 2021, 13, 241.	3.7	10
61	Stromal derived factor-1 α induces apoptosis in activated primary CD4+ T cells. <i>Aids</i> , 2000, 14, 748-750.	2.2	10
62	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
63	The HIV-1 Transgenic Rat: Relevance for HIV Noninfectious Comorbidity Research. <i>Microorganisms</i> , 2020, 8, 1643.	3.6	7
64	Exogenous bacterial DnaK increases protein kinases activity in human cancer cell lines. <i>Journal of Translational Medicine</i> , 2021, 19, 60.	4.4	6
65	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
66	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
67	Molecular Biomarkers of Aging. , 0, , .		5
68	Proteome analysis of <i>Mycoplasma fermentans</i> cultured under aerobic and anaerobic conditions. <i>Translational Medicine Communications</i> , 2019, 4, .	1.4	4
69	Analysis of Three Mutations in Italian Strains of SARS-CoV-2: Implications for Pathogenesis. <i>Chemotherapy</i> , 2021, 66, 33-37.	1.6	4
70	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
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	CHAPTER 12. Inflammaging, Oxidative Stress and Carnosine: Role of Hormetic Vitagenes. Food and Nutritional Components in Focus, 2015, , 238-256.	0.1	3
74	Utilization of a DNA enzyme immunoassay for the detection of proviral DNA of human immunodeficiency virus type 1 by polymerase chain reaction. Clinical and Diagnostic Virology, 1995, 3, 155-164.	1.7	2
75	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. Blood, 1998, 91, 907-915.	1.4	2
76	Combined cART including Tenofovir Disoproxil, Emtricitabine, and Dolutegravir has potent therapeutic effects in HIV-1 infected humanized mice. Journal of Translational Medicine, 2021, 19, 453.	4.4	2
77	Identification of Premature Senescence Cells in the Brain of the HIV-1 Transgenic Rat (HIV-TG Rat). Microscopy and Microanalysis, 2018, 24, 1290-1291.	0.4	1
78	Chronic Oxidative Stress and Comorbidities in the HIV-1 Transgenic Rat. Microscopy and Microanalysis, 2019, 25, 1160-1161.	0.4	1
79	An Immunohistochemical Analysis of Free Radical Stress in the Heart of the HIV-1 Transgenic Rat. Microscopy and Microanalysis, 2020, 26, 1342-1344.	0.4	1
80	Detection of a SARS-CoV-2 P.1.1 variant lacking N501Y in a vaccinated health care worker in Italy. Journal of Infection, 2021, , .	3.3	1
81	Quantitative PCR for HIV-1 Proviral DNA. , 1999, 17, 119-124.		0
82	HTLV-IIb reduces HIV infection. Blood, 2007, 109, 1792-1792.	1.4	0