

Francesca Caccuri

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,116
citations

270111

25
h-index

325983

40
g-index

99
all docs

99
docs citations

99
times ranked

4162
citing authors

#	ARTICLE	IF	CITATIONS
1	The first Italian outbreak of SARS-CoV-2 B.1.1.7 lineage in Corzano, Lombardy. <i>Journal of Medical Virology</i> , 2022, 94, 413-416.	2.5	6
2	The HIV-1 Matrix Protein p17 Does Cross the Blood-Brain Barrier. <i>Journal of Virology</i> , 2022, 96, JVI0120021.	1.5	5
3	SARS-CoV-2 AY.4.2 variant circulating in Italy: Genomic preliminary insight. <i>Journal of Medical Virology</i> , 2022, 94, 1689-1692.	2.5	15
4	SARS-CoV-2 Infects Human ACE2-Negative Endothelial Cells through an $\alpha_5\beta_1$ Integrin-Mediated Endocytosis Even in the Presence of Vaccine-Elicited Neutralizing Antibodies. <i>Viruses</i> , 2022, 14, 705.	1.5	22
5	Ultrapotent and broad neutralization of SARS-CoV-2 variants by modular, tetravalent, bi-paratopic antibodies. <i>Cell Reports</i> , 2022, 39, 110905.	2.9	5
6	Competition for dominance within replicating quasispecies during prolonged SARS-CoV-2 infection in an immunocompromised host. <i>Virus Evolution</i> , 2022, 8, .	2.2	21
7	Peptide-Antibody Fusions Engineered by Phage Display Exhibit an Ultrapotent and Broad Neutralization of SARS-CoV-2 Variants. <i>ACS Chemical Biology</i> , 2022, 17, 1978-1988.	1.6	7
8	HIV-1 mutants expressing B cell clonogenic matrix protein p17 variants are increasing their prevalence worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	1
9	B-cell clonogenic activity of HIV-1 p17 variants is driven by PAR1-mediated EGF transactivation. <i>Cancer Gene Therapy</i> , 2021, 28, 649-666.	2.2	6
10	Clinical Presentation and Outcomes of Severe Acute Respiratory Syndrome Coronavirus 2-Related Encephalitis: The ENCOVID Multicenter Study. <i>Journal of Infectious Diseases</i> , 2021, 223, 28-37.	1.9	87
11	Methotrexate inhibits SARS-CoV-2 virus replication <i>in vitro</i> . <i>Journal of Medical Virology</i> , 2021, 93, 1780-1785.	2.5	38
12	Avian Reovirus P17 Suppresses Angiogenesis by Promoting DPP4 Secretion. <i>Cells</i> , 2021, 10, 259.	1.8	7
13	Serological Response to SARS-CoV-2 in Health Care Workers Employed in a Large Tertiary Hospital in Lombardy, Northern Italy. <i>Microorganisms</i> , 2021, 9, 488.	1.6	16
14	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. <i>IScience</i> , 2021, 24, 102047.	1.9	16
15	Temporal viral loads in respiratory and gastrointestinal tract and serum antibody responses during SARS-CoV-2 infection in an Italian pediatric cohort. <i>Clinical Immunology</i> , 2021, 225, 108695.	1.4	2
16	Co-infection of chlamydia pneumoniae and mycoplasma pneumoniae with SARS-CoV-2 is associated with more severe features. <i>Journal of Infection</i> , 2021, 82, e4-e7.	1.7	23
17	Viral Proteins as Emerging Cancer Therapeutics. <i>Cancers</i> , 2021, 13, 2199.	1.7	6
18	First detection of SARS-CoV-2 spike protein N501 mutation in Italy in August, 2020. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e147.	4.6	84

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19	SARS-CoV-2 Infection Remodels the Phenotype and Promotes Angiogenesis of Primary Human Lung Endothelial Cells. <i>Microorganisms</i> , 2021, 9, 1438.	1.6	26
20	TLR3 and TLR7 RNA Sensor Activation during SARS-CoV-2 Infection. <i>Microorganisms</i> , 2021, 9, 1820.	1.6	113
21	Binding to PI(4,5)P2 is indispensable for secretion of B-cell clonogenic HIV-1 matrix protein p17 variants. <i>Journal of Biological Chemistry</i> , 2021, 297, 100934.	1.6	3
22	A cluster of the new SARS-CoV-2 B.1.621 lineage in Italy and sensitivity of the viral isolate to the BNT162b2 vaccine. <i>Journal of Medical Virology</i> , 2021, 93, 6468-6470.	2.5	45
23	COVID-19 Ocular Prophylaxis: The Potential Role of Ozonated-Oils in Liposome Eyedrop Gel. <i>Translational Vision Science and Technology</i> , 2021, 10, 7.	1.1	11
24	Doxycycline Inhibition of a Pseudotyped Virus Transduction Does Not Translate to Inhibition of SARS-CoV-2 Infectivity. <i>Viruses</i> , 2021, 13, 1745.	1.5	2
25	Serosurvey in BNT162b2 vaccine-elicited neutralizing antibodies against authentic B.1, B.1.1.7, B.1.351, B.1.525 and P.1 SARS-CoV-2 variants. <i>Emerging Microbes and Infections</i> , 2021, 10, 1241-1243.	3.0	28
26	Evolution toward beta common chain receptor usage links the matrix proteins of HIV-1 and its ancestors to human erythropoietin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2021366118.	3.3	4
27	Transparent Polymeric Formulations Effective against SARS-CoV-2 Infection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54648-54655.	4.0	9
28	Role of Q675H Mutation in Improving SARS-CoV-2 Spike Interaction with the Furin Binding Pocket. <i>Viruses</i> , 2021, 13, 2511.	1.5	12
29	Prevalence of Non-B HIV-1 Subtypes in North Italy and Analysis of Transmission Clusters Based on Sequence Data Analysis. <i>Microorganisms</i> , 2020, 8, 36.	1.6	11
30	Mycoplasma infection may complicate the clinical course of SARS-CoV-2 associated Kawasaki-like disease in children. <i>Clinical Immunology</i> , 2020, 221, 108613.	1.4	10
31	Molecular Tracing of SARS-CoV-2 in Italy in the First Three Months of the Epidemic. <i>Viruses</i> , 2020, 12, 798.	1.5	46
32	A persistently replicating SARS-CoV-2 variant derived from an asymptomatic individual. <i>Journal of Translational Medicine</i> , 2020, 18, 362.	1.8	46
33	The U94 Gene of Human Herpesvirus 6: A Narrative Review of Its Role and Potential Functions. <i>Cells</i> , 2020, 9, 2608.	1.8	13
34	Human Metapneumovirus Establishes Persistent Infection in Lung Microvascular Endothelial Cells and Primes a Th2-Skewed Immune Response. <i>Microorganisms</i> , 2020, 8, 824.	1.6	3
35	Role of Autophagy in Von Willebrand Factor Secretion by Endothelial Cells and in the In Vivo Thrombin-Antithrombin Complex Formation Promoted by the HIV-1 Matrix Protein p17. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2022.	1.8	7
36	Presence of V72I, G123S and R127K Integrase Inhibitor polymorphisms could reduce ART effectiveness: a retrospective longitudinal study. <i>HIV Research and Clinical Practice</i> , 2020, 21, 24-33.	1.1	1

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37	Inhibition of DNA Repair Mechanisms and Induction of Apoptosis in Triple Negative Breast Cancer Cells Expressing the Human Herpesvirus 6 U94. <i>Cancers</i> , 2019, 11, 1006.	1.7	13
38	Extensively drug-resistant <i>Acinetobacter baumannii</i> isolated from intensive care units in northern Italy: a genomic approach to characterize new sequence types. <i>Future Microbiology</i> , 2019, 14, 1281-1292.	1.0	7
39	The Synthetic Dipeptide Pidotimod Shows a Chemokine-Like Activity through CXC Chemokine Receptor 3 (CXCR3). <i>International Journal of Molecular Sciences</i> , 2019, 20, 5287.	1.8	10
40	Heparin and heparan sulfate proteoglycans promote HIV-1 p17 matrix protein oligomerization: computational, biochemical and biological implications. <i>Scientific Reports</i> , 2019, 9, 15768.	1.6	18
41	p17 from HIV induces brain endothelial cell angiogenesis through EGFR-1-mediated cell signalling activation. <i>Laboratory Investigation</i> , 2019, 99, 180-190.	1.7	6
42	Lymphomagenic properties of a HIV p17 variant derived from a splenic marginal zone lymphoma occurred in a HIV-1 infected patient. <i>Hematological Oncology</i> , 2019, 37, 176-184.	0.8	9
43	Identification of amino acid residues critical for the B cell growth-promoting activity of HIV-1 matrix protein p17 variants. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 13-24.	1.1	20
44	Prevalence of Integrase Strand Transfer Inhibitors Resistance Mutations in Integrase Strand Transfer Inhibitors-Naive and -Experienced HIV-1 Infected Patients: A Single Center Experience. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 570-574.	0.5	15
45	Detection and molecular characterization of enteric viruses in children with acute gastroenteritis in Northern Italy. <i>Infection, Genetics and Evolution</i> , 2018, 60, 35-41.	1.0	47
46	Programmable Nucleic Acid Nanoswitches for the Rapid, Single-Step Detection of Antibodies in Bodily Fluids. <i>Journal of the American Chemical Society</i> , 2018, 140, 947-953.	6.6	91
47	Human lung epithelial cells support human metapneumovirus persistence by overcoming apoptosis. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	7
48	Endothelial Cell Dysfunction in HIV-1 Infection. , 2018, , .		2
49	Human Herpesvirus 6A and 6B inhibit in vitro angiogenesis by induction of Human Leukocyte Antigen G. <i>Scientific Reports</i> , 2018, 8, 17683.	1.6	21
50	Central Venous Catheter-Related Bloodstream Infection Caused by <i>Brevibacterium casei</i> in a Hematology Patient. <i>Clinical Microbiology Newsletter</i> , 2018, 40, 112-114.	0.4	1
51	<i>Myroides odoratimimus</i> urinary tract infection in an immunocompromised patient: an emerging multidrug-resistant micro-organism. <i>Antimicrobial Resistance and Infection Control</i> , 2018, 7, 96.	1.5	34
52	Fulminant septic shock caused by <i>Capnocytophaga canimorsus</i> in Italy: Case report. <i>International Journal of Infectious Diseases</i> , 2018, 72, 3-5.	1.5	8
53	Role of Autophagy in HIV-1 Matrix Protein p17-Driven Lymphangiogenesis. <i>Journal of Virology</i> , 2017, 91, .	1.5	18
54	HIV-1 matrix protein p17 misfolding forms toxic amyloidogenic assemblies that induce neurocognitive disorders. <i>Scientific Reports</i> , 2017, 7, 10313.	1.6	28

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55	A single amino acid substitution confers B-cell clonogenic activity to the HIV-1 matrix protein p17. <i>Scientific Reports</i> , 2017, 7, 6555.	1.6	15
56	Syndecan-1 increases B-lymphoid cell extravasation in response to HIV-1 Tat via $\hat{1}\pm\hat{v}\hat{1}^23/pp60src/pp125FAK$ pathway. <i>Oncogene</i> , 2017, 36, 2609-2618.	2.6	5
57	Analysis of mutations in DNA gyrase and topoisomerase IV of <i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i> serovars resistant to fluoroquinolones. <i>Infection, Genetics and Evolution</i> , 2017, 47, 64-67.	1.0	11
58	HIV-1 matrix protein p17 and its variants promote human triple negative breast cancer cell aggressiveness. <i>Infectious Agents and Cancer</i> , 2017, 12, 49.	1.2	9
59	U94 of human herpesvirus 6 down-modulates Src, promotes a partial mesenchymal-to-epithelial transition and inhibits tumor cell growth, invasion and metastasis. <i>Oncotarget</i> , 2017, 8, 44533-44549.	0.8	11
60	In-depth analysis of compartmentalization of HIV-1 matrix protein p17 in PBMC and plasma. <i>New Microbiologica</i> , 2017, 40, 58-61.	0.1	2
61	F-103 $\hat{a}\hat{e}fA$ conformational switch that turns on the B cell growth- promoting activity of the HIV-1 matrix protein p17. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 71, 61.	0.9	4
62	Cellular aspartyl proteases promote the unconventional secretion of biologically active HIV-1 matrix protein p17. <i>Scientific Reports</i> , 2016, 6, 38027.	1.6	14
63	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , 2016, 22, 762-770.	15.2	197
64	Multicenter Evaluation of Anyplex Plus MTB/NTM MDR-TB Assay for Rapid Detection of Mycobacterium tuberculosis Complex and Multidrug-Resistant Isolates in Pulmonary and Extrapulmonary Specimens. <i>Journal of Clinical Microbiology</i> , 2016, 54, 59-63.	1.8	44
65	HIV-1 infection, microenvironment and endothelial cell dysfunction. <i>New Microbiologica</i> , 2016, 39, 163-173.	0.1	37
66	HIV-1 Matrix Protein p17 and its Receptors. <i>Current Drug Targets</i> , 2015, 17, 23-32.	1.0	16
67	Role of HIV-1 matrix protein p17 variants in lymphoma pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14331-14336.	3.3	58
68	Long-lasting humoral immune response induced in HIV-1-infected patients by a synthetic peptide (AT20) derived from the HIV-1 matrix protein p17 functional epitope. <i>HIV Clinical Trials</i> , 2015, 16, 157-162.	2.0	5
69	Detection of KI WU and Merkel cell polyomavirus in respiratory tract of cystic fibrosis patients. <i>Clinical Microbiology and Infection</i> , 2015, 21, 603.e9-603.e15.	2.8	15
70	A cluster of invasive listeriosis in Brescia, Italy. <i>Infection</i> , 2015, 43, 379-382.	2.3	6
71	Angiogenic, lymphangiogenic and adipogenic effects of HIV-1 matrix protein p17. <i>Pathogens and Disease</i> , 2015, 73, ftv062.	0.8	14
72	A natural HIV p17 protein variant up-regulates the LMP-1 EBV oncoprotein and promotes the growth of EBV-infected B-lymphocytes: Implications for EBV-driven lymphomagenesis in the HIV setting. <i>International Journal of Cancer</i> , 2015, 137, 1374-1385.	2.3	34

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73	Regulatory and Helper Follicular T Cells and Antibody Avidity to Simian Immunodeficiency Virus Glycoprotein 120. <i>Journal of Immunology</i> , 2015, 195, 3227-3236.	0.4	31
74	A topical desiccant agent in association with ultrasonic debridement in the initial treatment of chronic periodontitis: a clinical and microbiological study. <i>New Microbiologica</i> , 2015, 38, 393-407.	0.1	10
75	Simian Immunodeficiency Virus and Human Immunodeficiency Virus Type 1 Matrix Proteins Specify Different Capabilities To Modulate B Cell Growth. <i>Journal of Virology</i> , 2014, 88, 5706-5717.	1.5	23
76	<i>In Vitro</i> Activity of Solithromycin against Erythromycin-Resistant <i>Streptococcus agalactiae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1693-1698.	1.4	12
77	G-111 HIV-1 matrix protein p17 promotes lymphangiogenesis. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 67, 72.	0.9	0
78	Plasmablast Phenotype and Mucosal Antibodies to V2 in Vaccine-induced Protection Against SIVmac251. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A20-A20.	0.5	0
79	Modulation of RAS Pathways as a Biomarker of Protection against HIV and as a Means to Improve Vaccine Efficacy. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A99-A99.	0.5	2
80	Do CD16+NKG2A+NK Cells Recruited to the Gut Combined with Passively Administered SIV Specific Antibodies Prevent SIV _{mac251} Acquisition in Macaques?. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A15-A15.	0.5	1
81	Adjuvant Dependent Mucosal V2 Responses and RAS Activation in Vaccine Induced Protection from SIV _{mac251} Acquisition. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A64-A65.	0.5	3
82	Detection of HIV-1 Matrix Protein p17 Quasispecies Variants in Plasma of Chronic HIV-1 Infected Patients by Ultra-Deep Pyrosequencing. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 66, 332-339.	0.9	8
83	A CXCR1 haplotype hampers HIV-1 matrix protein p17 biological activity. <i>Aids</i> , 2014, 28, 2355-2364.	1.0	5
84	HIV-1 Matrix Protein p17 Promotes Lymphangiogenesis and Activates the Endothelin-1/Endothelin B Receptor Axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 846-856.	1.1	35
85	Screening for <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> among high-school participants using the Versant CT/GC DNA 1.0 assay (kinetic PCR). <i>Journal of Medical Microbiology</i> , 2014, 63, 1237-1239.	0.7	1
86	Synthetic HIV-1 matrix protein p17-based AT20-KLH therapeutic immunization in HIV-1-infected patients receiving antiretroviral treatment: A phase I safety and immunogenicity study. <i>Vaccine</i> , 2014, 32, 1072-1078.	1.7	23
87	Molecular Interaction Studies of HIV-1 Matrix Protein p17 and Heparin. <i>Journal of Biological Chemistry</i> , 2013, 288, 1150-1161.	1.6	30
88	Targeting p35/Cdk5 Signalling via CIP-Peptide Promotes Angiogenesis in Hypoxia. <i>PLoS ONE</i> , 2013, 8, e75538.	1.1	17
89	D2 HIV-1 p17 Activates PTEN and Inhibits Akt Signalling Pathway in B Cells. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 59, 79.	0.9	22
90	HIV-1 matrix protein p17 binds to the IL-8 receptor CXCR1 and shows IL-8 like chemokine activity on monocytes through Rho/ROCK activation. <i>Blood</i> , 2012, 119, 2274-2283.	0.6	43

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91	HIV-1 matrix protein p17 promotes angiogenesis via chemokine receptors CXCR1 and CXCR2. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14580-14585.	3.3	92
92	Opposite Effects of HIV-1 p17 Variants on PTEN Activation and Cell Growth in B Cells. PLoS ONE, 2011, 6, e17831.	1.1	47
93	Human cytomegalovirus productively infects lymphatic endothelial cells and induces a secretome that promotes angiogenesis and lymphangiogenesis through interleukin-6 and granulocyte-macrophage colony-stimulating factor. Journal of General Virology, 2011, 92, 650-660.	1.3	39
94	HIV-1 matrix protein p17: A candidate antigen for therapeutic vaccines against AIDS. , 2010, 128, 433-444.		39