

# Francesca Caccuri

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

1,394

citations

21

h-index

34

g-index

99

ext. papers

1,893

ext. citations

6.9

avg, IF

4.67

L-index

#	Paper	IF	Citations
88	The first Italian outbreak of SARS-CoV-2 B.1.1.7 lineage in Corzano, Lombardy. <i>Journal of Medical Virology</i> , <b>2022</b> , 94, 413-416	19.7	2
87	Ultrapotent and Broad Neutralization of SARS-CoV-2 Variants by Modular, Tetravalent, Bi-paratopic Antibodies. <i>Cell Reports</i> , <b>2022</b> , 110905	10.6	0
86	The HIV-1 matrix protein p17 does cross the Blood-Brain Barrier. <i>Journal of Virology</i> , <b>2021</b> , JVI0120021	6.6	1
85	SARS-CoV-2 AY.4.2 variant circulating in Italy: Genomic preliminary insight. <i>Journal of Medical Virology</i> , <b>2021</b> ,	19.7	3
84	Transparent Polymeric Formulations Effective against SARS-CoV-2 Infection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 54648-54655	9.5	2
83	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> , <b>2021</b> , 118,	11.5	2
82	B-cell clonogenic activity of HIV-1 p17 variants is driven by PAR1-mediated EGF transactivation. <i>Cancer Gene Therapy</i> , <b>2021</b> , 28, 649-666	5.4	4
81	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> , <b>2021</b> , 225, 108695	9	0
80	Co-infection of chlamydia pneumoniae and mycoplasma pneumoniae with SARS-CoV-2 is associated with more severe features. <i>Journal of Infection</i> , <b>2021</b> , 82, e4-e7	18.9	10
79	First detection of SARS-CoV-2 spike protein N501 mutation in Italy in August, 2020. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, e147	25.5	52
78	SARS-CoV-2 Infection Remodels the Phenotype and Promotes Angiogenesis of Primary Human Lung Endothelial Cells. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	6
77	Clinical Presentation and Outcomes of Severe Acute Respiratory Syndrome Coronavirus 2-Related Encephalitis: The ENCOVID Multicenter Study. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 28-37	7	49
76	Methotrexate inhibits SARS-CoV-2 virus replication "in vitro". <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 1780-1785	17.85	18
75	Avian Reovirus P17 Suppresses Angiogenesis by Promoting DPP4 Secretion. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
74	Serological Response to SARS-CoV-2 in Health Care Workers Employed in a Large Tertiary Hospital in Lombardy, Northern Italy. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	8
73	Anti-V2 antibodies virus vulnerability revealed by envelope V1 deletion in HIV vaccine candidates. <i>IScience</i> , <b>2021</b> , 24, 102047	6.1	2
72	TLR3 and TLR7 RNA Sensor Activation during SARS-CoV-2 Infection. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	17

71	Binding to PI(4,5)P is indispensable for secretion of B-cell clonogenic HIV-1 matrix protein p17 variants. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100934	5.4	0
70	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> , <b>2021</b> , 93, 6468-6470	19.7	30
69	COVID-19 Ocular Prophylaxis: The Potential Role of Ozonated-Oils in Liposome Eyedrop Gel. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 7	3.3	4
68	Doxycycline Inhibition of a Pseudotyped Virus Transduction Does Not Translate to Inhibition of SARS-CoV-2 Infectivity. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
67	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> , <b>2021</b> , 10, 1241-1243	18.9	18
66	The U94 Gene of Human Herpesvirus 6: A Narrative Review of Its Role and Potential Functions. <i>Cells</i> , <b>2020</b> , 9,	7.9	4
65	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> , <b>2020</b> , 21,	6.3	4
64	Presence of V72I, G123S and R127K Integrase Inhibitor polymorphisms could reduce ART effectiveness: a retrospective longitudinal study. <i>HIV Research and Clinical Practice</i> , <b>2020</b> , 21, 24-33	1.7	1
63	Mycoplasma infection may complicate the clinical course of SARS-Co-V-2 associated Kawasaki-like disease in children. <i>Clinical Immunology</i> , <b>2020</b> , 221, 108613	9	5
62	Molecular Tracing of SARS-CoV-2 in Italy in the First Three Months of the Epidemic. <i>Viruses</i> , <b>2020</b> , 12,	6.2	30
61	A persistently replicating SARS-CoV-2 variant derived from an asymptomatic individual. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 362	8.5	24
60	Inhibition of DNA Repair Mechanisms and Induction of Apoptosis in Triple Negative Breast Cancer Cells Expressing the Human Herpesvirus 6 U94. <i>Cancers</i> , <b>2019</b> , 11,	6.6	4
59	Extensively drug-resistant isolated from intensive care units in northern Italy: a genomic approach to characterize new sequence types. <i>Future Microbiology</i> , <b>2019</b> , 14, 1281-1292	2.9	4
58	The Synthetic Dipeptide Pidotimod Shows a Chemokine-Like Activity through CXC Chemokine Receptor 3 (CXCR3). <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
57	Prevalence of Non-B HIV-1 Subtypes in North Italy and Analysis of Transmission Clusters Based on Sequence Data Analysis. <i>Microorganisms</i> , <b>2019</b> , 8,	4.9	4
56	Heparin and heparan sulfate proteoglycans promote HIV-1 p17 matrix protein oligomerization: computational, biochemical and biological implications. <i>Scientific Reports</i> , <b>2019</b> , 9, 15768	4.9	10
55	p17 from HIV induces brain endothelial cell angiogenesis through EGFR-1-mediated cell signalling activation. <i>Laboratory Investigation</i> , <b>2019</b> , 99, 180-190	5.9	4
54	Lymphomagenic properties of a HIV p17 variant derived from a splenic marginal zone lymphoma occurred in a HIV-infected patient. <i>Hematological Oncology</i> , <b>2019</b> , 37, 176-184	1.3	5

53	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> , <b>2019</b> , 1863, 13-24	4	12
52	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> , <b>2018</b> , 34, 570-574	1.6	12
51	Detection and molecular characterization of enteric viruses in children with acute gastroenteritis in Northern Italy. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 60, 35-41	4.5	30
50	Programmable Nucleic Acid Nanoswitches for the Rapid, Single-Step Detection of Antibodies in Bodily Fluids. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 947-953	16.4	58
49	Human lung epithelial cells support human metapneumovirus persistence by overcoming apoptosis. <i>Pathogens and Disease</i> , <b>2018</b> , 76,	4.2	6
48	Central Venous Catheter-Related Bloodstream Infection Caused by <i>Brevibacterium casei</i> in a Hematology Patient. <i>Clinical Microbiology Newsletter</i> , <b>2018</b> , 40, 112-114	1.1	1
47	urinary tract infection in an immunocompromised patient: an emerging multidrug-resistant micro-organism. <i>Antimicrobial Resistance and Infection Control</i> , <b>2018</b> , 7, 96	6.2	14
46	Fulminant septic shock caused by <i>Capnocytophaga canimorsus</i> in Italy: Case report. <i>International Journal of Infectious Diseases</i> , <b>2018</b> , 72, 3-5	10.5	5
45	Endothelial Cell Dysfunction in HIV-1 Infection <b>2018</b> ,		1
44	Human Herpesvirus 6A and 6B inhibit in vitro angiogenesis by induction of Human Leukocyte Antigen G. <i>Scientific Reports</i> , <b>2018</b> , 8, 17683	4.9	13
43	Role of Autophagy in HIV-1 Matrix Protein p17-Driven Lymphangiogenesis. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	13
42	HIV-1 matrix protein p17 and its variants promote human triple negative breast cancer cell aggressiveness. <i>Infectious Agents and Cancer</i> , <b>2017</b> , 12, 49	3.5	4
41	HIV-1 matrix protein p17 misfolding forms toxic amyloidogenic assemblies that induce neurocognitive disorders. <i>Scientific Reports</i> , <b>2017</b> , 7, 10313	4.9	21
40	A single amino acid substitution confers B-cell clonogenic activity to the HIV-1 matrix protein p17. <i>Scientific Reports</i> , <b>2017</b> , 7, 6555	4.9	11
39	Syndecan-1 increases B-lymphoid cell extravasation in response to HIV-1 Tat via $\beta$ pp60src/pp125FAK pathway. <i>Oncogene</i> , <b>2017</b> , 36, 2609-2618	9.2	4
38	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> , <b>2017</b> , 47, 64-67	4.5	9
37	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> , <b>2017</b> , 8, 44533-44549	3.3	10
36	In-depth analysis of compartmentalization of HIV-1 matrix protein p17 in PBMC and plasma. <i>New Microbiologica</i> , <b>2017</b> , 40, 58-61	1.1	1

35	Adjuvant-dependent innate and adaptive immune signatures of risk of SIVmac251 acquisition. <i>Nature Medicine</i> , <b>2016</b> , 22, 762-70	50.5	147
34	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> , <b>2016</b> , 54, 59-63	9.7	36
33	HIV-1 Matrix Protein p17 and its Receptors. <i>Current Drug Targets</i> , <b>2016</b> , 17, 23-32	3	13
32	F-103 A 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> , <b>2016</b> , 71, 61	3.1	3
31	Cellular aspartyl proteases promote the unconventional secretion of biologically active HIV-1 matrix protein p17. <i>Scientific Reports</i> , <b>2016</b> , 6, 38027	4.9	12
30	HIV-1 infection, microenvironment and endothelial cell dysfunction. <i>New Microbiologica</i> , <b>2016</b> , 39, 163-173		23
29	Detection of KI WU and Merkel cell polyomavirus in respiratory tract of cystic fibrosis patients. <i>Clinical Microbiology and Infection</i> , <b>2015</b> , 21, 603.e9-15	9.5	12
28	A cluster of invasive listeriosis in Brescia, Italy. <i>Infection</i> , <b>2015</b> , 43, 379-82	5.8	5
27	Angiogenic, lymphangiogenic and adipogenic effects of HIV-1 matrix protein p17. <i>Pathogens and Disease</i> , <b>2015</b> , 73, ftv062	4.2	12
26	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> , <b>2015</b> , 137, 1374-85	7.5	25
25	Regulatory and Helper Follicular T Cells and Antibody Avidity to Simian Immunodeficiency Virus Glycoprotein 120. <i>Journal of Immunology</i> , <b>2015</b> , 195, 3227-36	5.3	28
24	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> , <b>2015</b> , 112, 14331-6	11.5	45
23	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> , <b>2015</b> , 16, 157-62		3
22	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> , <b>2015</b> , 38, 393-407	1.1	10
21	HIV-1 matrix protein p17 promotes lymphangiogenesis and activates the endothelin-1/endothelin B receptor axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 846-56	9.4	27
20	Screening for Chlamydia trachomatis and Neisseria gonorrhoeae among high-school participants using the Versant CT/GC DNA 1.0 assay (kinetic PCR). <i>Journal of Medical Microbiology</i> , <b>2014</b> , 63, 1237-1239 <sup>2</sup>		1
19	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> , <b>2014</b> , 32, 1072-8	4.1	20
18	Simian immunodeficiency virus and human immunodeficiency virus type 1 matrix proteins specify different capabilities to modulate B cell growth. <i>Journal of Virology</i> , <b>2014</b> , 88, 5706-17	6.6	20

17	In vitro activity of solithromycin against erythromycin-resistant <i>Streptococcus agalactiae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 1693-8	5.9	11
16	G-111 HIV-1 matrix protein p17 promotes lymphangiogenesis. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2014</b> , 67, 72	3.1	
15	Plasmablast Phenotype and Mucosal Antibodies to V2 in Vaccine-induced Protection Against SIVmac251. <i>AIDS Research and Human Retroviruses</i> , <b>2014</b> , 30, A20-A20	1.6	78
14	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> , <b>2014</b> , 30, A99-A99	1.6	2
13	Do CD16+NKG2A+NK Cells Recruited to the Gut Combined with Passively Administered SIV Specific Antibodies Prevent SIVmac251 Acquisition in Macaques?. <i>AIDS Research and Human Retroviruses</i> , <b>2014</b> , 30, A15-A15	1.6	1
12	Adjuvant Dependent Mucosal V2 Responses and RAS Activation in Vaccine Induced Protection from SIVmac251 Acquisition. <i>AIDS Research and Human Retroviruses</i> , <b>2014</b> , 30, A64-A65	1.6	2
11	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> , <b>2014</b> , 66, 332-9	3.1	6
10	A CXCR1 haplotype hampers HIV-1 matrix protein p17 biological activity. <i>Aids</i> , <b>2014</b> , 28, 2355-64	3.5	3
9	Molecular interaction studies of HIV-1 matrix protein p17 and heparin: identification of the heparin-binding motif of p17 as a target for the development of multitarget antagonists. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 1150-61	5.4	24
8	Targeting p35/Cdk5 signalling via CIP-peptide promotes angiogenesis in hypoxia. <i>PLoS ONE</i> , <b>2013</b> , 8, e75538	3.7	15
7	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> , <b>2012</b> , 119, 2274-83	2.2	41
6	HIV-1 matrix protein p17 promotes angiogenesis via chemokine receptors CXCR1 and CXCR2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 14580-5	11.5	65
5	D2 HIV-1 p17 Activates PTEN and Inhibits Akt Signalling Pathway in B Cells. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2012</b> , 59, 79	3.1	18
4	Opposite effects of HIV-1 p17 variants on PTEN activation and cell growth in B cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e17831	3.7	44
3	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. <i>Journal of General Virology</i> , <b>2011</b> , 92, 650-60	4.9	31
2	HIV-1 matrix protein p17: a candidate antigen for therapeutic vaccines against AIDS. <i>Pharmacology &amp; Therapeutics</i> , <b>2010</b> , 128, 433-44	13.9	34
1	Molecular tracing of SARS-CoV-2 in Italy in the first three months of the epidemic		1