

Maria Rosaria Capobianchi

List of Publications by Citations

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280
papers

6,017
citations

40
h-index

60
g-index

290
ext. papers

6,805
ext. citations

7.2
avg, IF

5.27
L-index

#	Paper	IF	Citations
280	Temporal and spatial analysis of the 2014-2015 Ebola virus outbreak in West Africa. <i>Nature</i> , 2015 , 524, 97-101	50.4	229
279	MYO1E mutations and childhood familial focal segmental glomerulosclerosis. <i>New England Journal of Medicine</i> , 2011 , 365, 295-306	59.2	195
278	Use of massively parallel ultradeep pyrosequencing to characterize the genetic diversity of hepatitis B virus in drug-resistant and drug-naive patients and to detect minor variants in reverse transcriptase and hepatitis B S antigen. <i>Journal of Virology</i> , 2009 , 83, 1718-26	6.6	137
277	Extracellular Matrix Molecular Remodeling in Human Liver Fibrosis Evolution. <i>PLoS ONE</i> , 2016 , 11, e0151376	3.6	120
276	Next-generation sequencing technology in clinical virology. <i>Clinical Microbiology and Infection</i> , 2013 , 19, 15-22	9.5	118
275	Indomethacin Has a Potent Antiviral Activity against Sars Coronavirus. <i>Antiviral Therapy</i> , 2006 , 11, 1021-1030	10.0	111
274	West Nile virus in Europe: emergence, epidemiology, diagnosis, treatment, and prevention. <i>Clinical Microbiology and Infection</i> , 2013 , 19, 699-704	9.5	105
273	Molecular mechanisms of Ebola virus pathogenesis: focus on cell death. <i>Cell Death and Differentiation</i> , 2015 , 22, 1250-9	12.7	88
272	Differential diagnosis of illness in patients under investigation for the novel coronavirus (SARS-CoV-2), Italy, February 2020. <i>Eurosurveillance</i> , 2020 , 25,	19.8	83
271	Massively parallel pyrosequencing highlights minority variants in the HIV-1 env quasispecies deriving from lymphomonocyte sub-populations. <i>Retrovirology</i> , 2009 , 6, 15	3.6	79
270	Hepatitis E virus genotype 4 outbreak, Italy, 2011. <i>Emerging Infectious Diseases</i> , 2013 , 19, 110-4	10.2	76
269	Antiviral reactivities of gammadelta T cells. <i>Microbes and Infection</i> , 2005 , 7, 518-28	9.3	73
268	Ebolavirus and Marburgvirus: insight the Filoviridae family. <i>Molecular Aspects of Medicine</i> , 2008 , 29, 151-85.7	8.7	72
267	Cross-subtype immunity against avian influenza in persons recently vaccinated for influenza. <i>Emerging Infectious Diseases</i> , 2008 , 14, 121-8	10.2	71
266	Epidemiology of Hepatitis E Virus in European Countries. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 25711-43	6.3	68
265	Human interferon-gamma enhances the expression of class I and class II major histocompatibility complex products in neoplastic cells more effectively than interferon-alpha and interferon-beta. <i>Infection and Immunity</i> , 1983 , 40, 172-6	3.7	68
264	Blood kinetics of Ebola virus in survivors and nonsurvivors. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4692-8	15.9	67

263	Alpha interferon inhibits human herpesvirus 8 (HHV-8) reactivation in primary effusion lymphoma cells and reduces HHV-8 load in cultured peripheral blood mononuclear cells. <i>Journal of Virology</i> , 1999 , 73, 4029-41	6.6	64
262	The effect of age on response to therapy with peginterferon alpha plus ribavirin in a cohort of patients with chronic HCV hepatitis including subjects older than 65 yr. <i>American Journal of Gastroenterology</i> , 2007 , 102, 1383-91	0.7	63
261	A simple and reliable method to detect cell membrane proteins on infectious human immunodeficiency virus type 1 particles. <i>Journal of Infectious Diseases</i> , 1994 , 169, 886-9	7	61
260	Combinatorial analysis and algorithms for quasispecies reconstruction using next-generation sequencing. <i>BMC Bioinformatics</i> , 2011 , 12, 5	3.6	58
259	Anti-severe acute respiratory syndrome coronavirus immune responses: the role played by V gamma 9V delta 2 T cells. <i>Journal of Infectious Diseases</i> , 2006 , 193, 1244-9	7	56
258	COVID-19: viral-host interactome analyzed by network based-approach model to study pathogenesis of SARS-CoV-2 infection. <i>Journal of Translational Medicine</i> , 2020 , 18, 233	8.5	54
257	Unidirectional budding of HIV-1 at the site of cell-to-cell contact is associated with co-polarization of intercellular adhesion molecules and HIV-1 viral matrix protein. <i>Aids</i> , 1995 , 9, 329-335	3.5	54
256	Factors influencing virological response to antiretroviral drugs in cerebrospinal fluid of advanced HIV-1-infected patients. <i>Aids</i> , 2002 , 16, 1867-76	3.5	53
255	Hepatitis E virus in Italy: molecular analysis of travel-related and autochthonous cases. <i>Journal of General Virology</i> , 2011 , 92, 1617-1626	4.9	49
254	Accuracy of Malaria Diagnosis by Microscopy, Rapid Diagnostic Test, and PCR Methods and Evidence of Antimalarial Overprescription in Non-Severe Febrile Patients in Two Tanzanian Hospitals. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009 , 80, 712-717	3.2	49
253	Standardization and performance evaluation of "modified" and "ultrasensitive" versions of the Abbott RealTime HIV-1 assay, adapted to quantify minimal residual viremia. <i>Journal of Clinical Virology</i> , 2011 , 52, 17-22	14.5	46
252	Association of profoundly impaired immune competence in H1N1v-infected patients with a severe or fatal clinical course. <i>Journal of Infectious Diseases</i> , 2010 , 202, 681-9	7	46
251	The Use of Both Therapeutic and Prophylactic Vaccines in the Therapy of Papillomavirus Disease. <i>Frontiers in Immunology</i> , 2020 , 11, 188	8.4	45
250	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, 14331-6	11.5	45
249	First reported chikungunya fever outbreak in the republic of Congo, 2011. <i>PLoS ONE</i> , 2014 , 9, e115938	3.7	45
248	Activation of Vgamma9Vdelta2 T cells by non-peptidic antigens induces the inhibition of subgenomic HCV replication. <i>International Immunology</i> , 2006 , 18, 11-8	4.9	45
247	Differences in the expression and release of DR, BR, and DQ molecules in human cells treated with recombinant interferon gamma: comparison to other interferons. <i>Human Immunology</i> , 1985 , 13, 1-11	2.3	44
246	Role of hepatitis C virus (HCV) viremia and HCV genotype in the immune recovery from highly active antiretroviral therapy in a cohort of antiretroviral-naive HIV-infected individuals. <i>Clinical Infectious Diseases</i> , 2005 , 40, e101-9	11.6	43

245	Crimean-Congo hemorrhagic fever, southwestern Bulgaria. <i>Emerging Infectious Diseases</i> , 2009 , 15, 983-510.2	42
244	Seroprevalence of dengue infection: a cross-sectional survey in mainland Tanzania and on Pemba Island, Zanzibar. <i>International Journal of Infectious Diseases</i> , 2012 , 16, e44-6	10.5 41
243	Absence of neuroinvasive disease in a liver transplant recipient who acquired West Nile virus (WNV) infection from the organ donor and who received WNV antibodies prophylactically. <i>Clinical Infectious Diseases</i> , 2010 , 51, e34-7	11.6 41
242	Type I IFN family members: similarity, differences and interaction. <i>Cytokine and Growth Factor Reviews</i> , 2015 , 26, 103-11	17.9 40
241	Duration of viral shedding in hospitalized patients infected with pandemic H1N1. <i>BMC Infectious Diseases</i> , 2011 , 11, 140	4 40
240	Monophyletic outbreak of Hepatitis A involving HIV-infected men who have sex with men, Rome, Italy 2008-2009. <i>Journal of Clinical Virology</i> , 2012 , 54, 26-9	14.5 39
239	Coordinate induction of interferon alpha and gamma by recombinant HIV-1 glycoprotein 120. <i>AIDS Research and Human Retroviruses</i> , 1993 , 9, 957-62	1.6 39
238	Diagnosis of west nile virus human infections: overview and proposal of diagnostic protocols considering the results of external quality assessment studies. <i>Viruses</i> , 2013 , 5, 2329-48	6.2 38
237	HVR-1 quasispecies modifications occur early and are correlated to initial but not sustained response in HCV-infected patients treated with pegylated- or standard-interferon and ribavirin. <i>Journal of Hepatology</i> , 2004 , 40, 831-6	13.4 38
236	Acid-labile human interferon alpha production by peripheral blood mononuclear cells stimulated by HIV-infected cells. <i>Archives of Virology</i> , 1988 , 99, 9-19	2.6 38
235	Detection of quasispecies variants predicted to use CXCR4 by ultra-deep pyrosequencing during early HIV infection. <i>Aids</i> , 2011 , 25, 611-7	3.5 37
234	Presence of the A226V mutation in autochthonous and imported Italian chikungunya virus strains. <i>Clinical Infectious Diseases</i> , 2008 , 47, 428-9	11.6 37
233	Hemophagocytic syndrome in a patient with acute human immunodeficiency virus infection. <i>Clinical Infectious Diseases</i> , 2004 , 38, 1792-3	11.6 37
232	Interferon induction by HIV glycoprotein 120: role of the V3 loop. <i>Virology</i> , 1994 , 205, 34-43	3.6 37
231	The association of high-sensitivity c-reactive protein and other biomarkers with cardiovascular disease in patients treated for HIV: a nested case-control study. <i>BMC Infectious Diseases</i> , 2013 , 13, 414	4 35
230	Frequency and multiplicity of human papillomavirus infection in HIV-1 positive women in Italy. <i>Journal of Clinical Virology</i> , 2012 , 54, 141-6	14.5 35
229	Coordinate induction of IFN-alpha and -gamma by SARS-CoV also in the absence of virus replication. <i>Virology</i> , 2005 , 341, 163-9	3.6 35
228	Positive selection of cytotoxic T lymphocyte escape variants during acute hepatitis C virus infection. <i>European Journal of Immunology</i> , 2005 , 35, 2627-37	6.1 34

227	Simple and reliable method for detection and genotyping of hepatitis C virus RNA in dried blood spots stored at room temperature. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 3512-4	9.7	34
226	Large human outbreak of West Nile virus infection in north-eastern Italy in 2012. <i>Viruses</i> , 2013 , 5, 2825-39.2		33
225	Bcl-2 inhibits the caspase-dependent apoptosis induced by SARS-CoV without affecting virus replication kinetics. <i>Archives of Virology</i> , 2006 , 151, 369-77	2.6	33
224	Induction of alpha interferon by membrane interaction between viral surface and peripheral blood mononuclear cells. <i>Experimental Biology and Medicine</i> , 1985 , 178, 551-6	3.7	32
223	Analysis of co-receptor usage of circulating viral and proviral HIV genome quasispecies by ultra-deep pyrosequencing in patients who are candidates for CCR5 antagonist treatment. <i>Clinical Microbiology and Infection</i> , 2011 , 17, 725-31	9.5	31
222	Transgenic chloroplasts are efficient sites for high-yield production of the vaccinia virus envelope protein A27L in plant cells dagger. <i>Plant Biotechnology Journal</i> , 2009 , 7, 577-91	11.6	30
221	Inhibition of HIV-1 replication in monocyte-derived macrophages by Mycobacterium tuberculosis. <i>Journal of Infectious Diseases</i> , 2004 , 189, 624-33	7	30
220	A new RT-PCR method for the identification of reoviruses in seawater samples. <i>Water Research</i> , 2001 , 35, 548-56	12.5	30
219	Ebola virus disease complicated with viral interstitial pneumonia: a case report. <i>BMC Infectious Diseases</i> , 2015 , 15, 432	4	29
218	Phylogenetic analysis of West Nile virus isolates, Italy, 2008-2009. <i>Emerging Infectious Diseases</i> , 2011 , 17, 903-6	10.2	29
217	Endogenous levels of mRNA for IFNs and IFN-related genes in hepatic biopsies of chronic HCV-infected and non-alcoholic steatohepatitis patients. <i>Journal of Medical Virology</i> , 2003 , 70, 581-7	19.7	29
216	Male patient with acute hepatitis E in Genoa, Italy: figatelli (pork liver sausage) as probable source of the infection. <i>Clinical Microbiology and Infection</i> , 2015 , 21, e4-6	9.5	28
215	Viral hemorrhagic fevers: advancing the level of treatment. <i>BMC Medicine</i> , 2012 , 10, 31	11.4	28
214	Alkhurma Hemorrhagic Fever in Travelers Returning from Egypt, 2010. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1979-82	10.2	28
213	A large ongoing outbreak of hepatitis A predominantly affecting young males in Lazio, Italy; August 2016 - March 2017. <i>PLoS ONE</i> , 2017 , 12, e0185428	3.7	28
212	Epidemiology of HEV in the Mediterranean basin: 10-year prevalence in Italy. <i>BMJ Open</i> , 2015 , 5, e007119		27
211	Frequency of detection of upper respiratory tract viruses in patients tested for pandemic H1N1/09 viral infection. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 3383-5	9.7	27
210	Monophyletic HIV type 1 CRF02-AG in a nosocomial outbreak in Benghazi, Libya. <i>AIDS Research and Human Retroviruses</i> , 2002 , 18, 727-32	1.6	27

209	Replication of human immunodeficiency virus: yield of infectious virus under single growth cycle conditions. <i>Archives of Virology</i> , 1988 , 103, 127-31	2.6	27
208	Different features of V α T and NK cells in fatal and non-fatal human Ebola infections. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005645	4.8	27
207	HCV core antigen and HCV-RNA in HIV/HCV co-infected patients with different HCV genotypes. <i>BMC Infectious Diseases</i> , 2014 , 14, 222	4	26
206	Ability of two commercially available assays (Abbott RealTime HIV-1 and Roche Cobas AmpliPrep/Cobas TaqMan HIV-1 Version 2.0) to quantify low HIV-1 RNA Levels (. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 2019-26	9.7	26
205	Detection of haemagglutinin D222 polymorphisms in influenza A(H1N1)pdm09-infected patients by ultra-deep pyrosequencing. <i>Clinical Microbiology and Infection</i> , 2013 , 19, 668-73	9.5	25
204	Human Zika infection induces a reduction of IFN- γ -producing CD4 T-cells and a parallel expansion of effector V α T-cells. <i>Scientific Reports</i> , 2017 , 7, 6313	4.9	25
203	Multicenter comparative study of Epstein-Barr virus DNA quantification for virological monitoring in transplanted patients. <i>Journal of Clinical Virology</i> , 2011 , 50, 224-9	14.5	25
202	Frequency of detection of respiratory viruses in the lower respiratory tract of hospitalized adults. <i>Journal of Clinical Virology</i> , 2008 , 42, 215-20	14.5	25
201	Molecular epidemiology of a hepatitis C virus outbreak in a hemodialysis unit in Italy. <i>Journal of Medical Virology</i> , 2008 , 80, 261-7	19.7	25
200	Effective highly active antiretroviral therapy in patients with primary HIV-1 infection prevents the evolution of the avidity of HIV-1-specific antibodies. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007 , 46, 145-50	3.1	25
199	Underevaluation of HIV-1 plasma viral load by a commercially available assay in a cluster of patients infected with HIV-1 A/G circulating recombinant form (CRF02). <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2002 , 31, 488-94	3.1	25
198	Acid lability is not an intrinsic property of interferon-alpha induced by HIV-infected cells. <i>Journal of Interferon Research</i> , 1992 , 12, 431-8		25
197	Molecular epidemiology of a hepatitis C virus epidemic in a haemodialysis unit: outbreak investigation and infection outcome. <i>BMC Infectious Diseases</i> , 2010 , 10, 257	4	24
196	Clinical, Virologic, and Epidemiologic Characteristics of Dengue Outbreak, Dar es Salaam, Tanzania, 2014. <i>Emerging Infectious Diseases</i> , 2016 , 22, 895-9	10.2	24
195	Viral interference between hepatitis B, C, and D viruses in dual and triple infections in HIV-positive patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009 , 51, 574-81	3.1	22
194	Use of massive parallel pyrosequencing for near full-length characterization of a unique HIV Type 1 BF recombinant associated with a fatal primary infection. <i>AIDS Research and Human Retroviruses</i> , 2009 , 25, 937-42	1.6	22
193	Key Role of Sequencing to Trace Hepatitis A Viruses Circulating in Italy During a Large Multi-Country European Foodborne Outbreak in 2013. <i>PLoS ONE</i> , 2016 , 11, e0149642	3.7	22
192	Effects of IFN alpha on late stages of HIV-1 replication cycle. <i>Biochimie</i> , 1998 , 80, 745-54	4.6	21

191	CD4-positive lymphoid cells rescue HIV-1 replication from abortively infected human primary endothelial cells. <i>Archives of Virology</i> , 1993 , 132, 267-80	2.6	21
190	Expanding Usutu virus circulation in Italy: detection in the Lazio region, central Italy, 2017 to 2018. <i>Eurosurveillance</i> , 2019 , 24,	19.8	21
189	Acute fulminant hepatitis E virus genotype 3e infection: description of the first case in Europe. <i>Scandinavian Journal of Infectious Diseases</i> , 2014 , 46, 727-31		20
188	Interferon may prevent HIV viral rebound after HAART interruption in HIV patients. <i>Journal of Interferon and Cytokine Research</i> , 2008 , 28, 1-3	3.5	20
187	Defective interferon-gamma production in ataxia-telangiectasia. <i>Clinical Immunology and Immunopathology</i> , 1984 , 32, 387-91		20
186	Hepatitis C Virus Genetic Variability, Human Immune Response, and Genome Polymorphisms: Which Is the Interplay?. <i>Cells</i> , 2019 , 8,	7.9	19
185	Cowpox virus in llama, Italy. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1513-5	10.2	19
184	Cat-to-human orthopoxvirus transmission, northeastern Italy. <i>Emerging Infectious Diseases</i> , 2009 , 15, 499-500	10.2	19
183	Possible compartmentalization of hepatitis C viral replication in the genital tract of HIV-1-coinfected women. <i>Journal of Infectious Diseases</i> , 2006 , 194, 1529-36	7	19
182	Hepatitis E in Italy: 5 years of national epidemiological, virological and environmental surveillance, 2012 to 2016. <i>Eurosurveillance</i> , 2018 , 23,	19.8	19
181	Quasispecies tropism and compartmentalization in gut and peripheral blood during early and chronic phases of HIV-1 infection: possible correlation with immune activation markers. <i>Clinical Microbiology and Infection</i> , 2014 , 20, O157-66	9.5	18
180	Extent of HCV NS3 protease variability and resistance-associated mutations assessed by next generation sequencing in HCV monoinfected and HIV/HCV coinfecting patients. <i>Virus Research</i> , 2013 , 177, 205-8	6.4	18
179	Biosafety Level-4 laboratories in Europe: opportunities for public health, diagnostics, and research. <i>PLoS Pathogens</i> , 2013 , 9, e1003105	7.6	18
178	Cell membrane proteins and quasispecies compartmentalization of CSF and plasma HIV-1 from aids patients with neurological disorders. <i>Infection, Genetics and Evolution</i> , 2005 , 5, 247-53	4.5	18
177	Interferon production in primary immunodeficiencies. <i>Journal of Clinical Immunology</i> , 1984 , 4, 388-94	5.7	18
176	Human Etype interferon enhances the expression and shedding of Ia-like antigens. Comparison to HLA-A,B,C and β_2 -microglobulin. <i>Antiviral Research</i> , 1982 , 1, 367-381	10.8	18
175	COVID-19 in people living with HIV: Clinical implications of dynamics of the immune response to SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021 , 93, 1796-1804	19.7	18
174	Is hepatitis C virus eradication around the corner only 25 years after its discovery?. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 111-2	14.3	17

173	The European network of Biosafety-Level-4 laboratories: enhancing European preparedness for new health threats. <i>Clinical Microbiology and Infection</i> , 2009 , 15, 720-6	9.5	17
172	Human immunodeficiency virus (HIV) DNA load and level of immunosuppression in treatment-naive HIV-1-infected patients. <i>Journal of Infectious Diseases</i> , 2003 , 187, 1826-8	7	17
171	Interferon induction by HIV-1-infected cells: a possible role of sulfatides or related glycolipids. <i>Virology</i> , 1996 , 221, 113-9	3.6	17
170	Susceptibility of human immunodeficiency virus to antiviral agents measured by infectious virus yield reduction. <i>Antiviral Research</i> , 1989 , 11, 299-305	10.8	17
169	Response to Haart and Gb Virus Type C Coinfection in a Cohort of Antiretroviral-Naive HIV-Infected Individuals. <i>Antiviral Therapy</i> , 2005 , 10, 109-117	1.6	17
168	Inflammatory and Humoral Immune Response during Ebola Virus Infection in Survivor and Fatal Cases Occurred in Sierra Leone during the 2014-2016 Outbreak in West Africa. <i>Viruses</i> , 2019 , 11,	6.2	16
167	Global epidemiology of viral hepatitis and national needs for complete control. <i>Expert Review of Anti-Infective Therapy</i> , 2018 , 16, 625-639	5.5	16
166	Importance of V3 loop flexibility and net charge in the context of co-receptor recognition. A molecular dynamics study on HIV gp120. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012 , 29, 879-916	3.6	16
165	Archived HIV-1 minority variants detected by ultra-deep pyrosequencing in provirus may be fully replication competent. <i>Aids</i> , 2009 , 23, 2541-3	3.5	16
164	Effect of HIV co-infection on mutation patterns of HBV in patients with lamivudine-resistant chronic hepatitis B. <i>Journal of Medical Virology</i> , 2009 , 81, 1151-6	19.7	16
163	Comparison of LCx with other current viral load assays for detecting and quantifying human immunodeficiency virus type 1 RNA in patients infected with the circulating recombinant form A/G (CRF02). <i>Journal of Clinical Microbiology</i> , 2004 , 42, 811-5	9.7	16
162	COVID-19 disease-Temporal analyses of complete blood count parameters over course of illness, and relationship to patient demographics and management outcomes in survivors and non-survivors: A longitudinal descriptive cohort study. <i>PLoS ONE</i> , 2020 , 15, e0244129	3.7	16
161	Molecular Characterization of Autochthonous Chikungunya Cluster in Latium Region, Italy. <i>Emerging Infectious Diseases</i> , 2018 , 24,	10.2	16
160	Longitudinal analysis of HIV-1 coreceptor tropism by single and triplicate HIV-1 RNA and DNA sequencing in patients undergoing successful first-line antiretroviral therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 735-41	5.1	15
159	A sensitive direct sequencing assay based on nested PCR for the detection of HBV polymerase and surface glycoprotein mutations. <i>Journal of Virological Methods</i> , 2009 , 159, 53-7	2.6	15
158	Trends in HIV prevalence among pregnant women in Italy, 1994 to 2002. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006 , 41, 361-4	3.1	15
157	In vitro selection of human immunodeficiency virus type 1 resistant to 3Pazido-3Pdeoxythymidine. <i>Antiviral Research</i> , 1992 , 18, 39-52	10.8	15
156	Differences in the mechanism of induction of interferon-alpha by herpes simplex virus and herpes simplex virus-infected cells. <i>Archives of Virology</i> , 1988 , 103, 219-29	2.6	15

155	Interferon- γ improves phosphoantigen-induced V β V δ T-cells interferon- γ production during chronic HCV infection. <i>PLoS ONE</i> , 2012 , 7, e37014	3.7	15
154	Evaluation of the Aptima(®) HIV-1 Quant Dx assay for HIV-1 RNA viral load detection and quantitation in plasma of HIV-1-infected individuals: A comparison with Abbott RealTime HIV-1 assay. <i>Journal of Medical Virology</i> , 2016 , 88, 1535-44	19.7	15
153	Structural dynamics of V3 loop with different electrostatics: implications on co-receptor recognition: a molecular dynamics study of HIV gp120. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013 , 31, 403-13	3.6	14
152	The genotypic false positive rate determined by V3 population sequencing can predict the burden of HIV-1 CXCR4-using species detected by pyrosequencing. <i>PLoS ONE</i> , 2013 , 8, e53603	3.7	14
151	Viral tropism by geno2pheno as a tool for predicting CD4 decrease in HIV-1-infected naive patients with high CD4 counts. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1224-7	5.1	14
150	Comparison of real-time PCR methods for measurement of HIV-1 proviral DNA. <i>Journal of Virological Methods</i> , 2010 , 164, 135-8	2.6	14
149	Evaluation of an automated extraction system in combination with Affigene CMV Trender for CMV DNA quantitative determination: comparison with nested PCR and pp65 antigen test. <i>Journal of Virological Methods</i> , 2008 , 151, 61-5	2.6	14
148	Comparison of Versant HBV DNA 3.0 and COBAS AmpliPrep-COBAS TaqMan assays for hepatitis B DNA quantitation: Possible clinical implications. <i>Journal of Virological Methods</i> , 2007 , 146, 274-80	2.6	14
147	Changes in host cell molecules acquired by circulating HIV-1 in patients treated with highly active antiretroviral therapy and interleukin-2. <i>Aids</i> , 2001 , 15, 11-6	3.5	14
146	Membrane interactions involved in the induction of interferon-alpha by Mycoplasma pneumoniae. <i>Antiviral Research</i> , 1987 , 8, 115-24	10.8	14
145	Evolutionary pattern of pandemic influenza (H1N1) 2009 virus in the late phases of the 2009 pandemic. <i>PLOS Currents</i> , 2010 , 2, RRN1149		14
144	An anal cancer screening program for MSM in Italy: Prevalence of multiple HPV types and vaccine-targeted infections. <i>Journal of Clinical Virology</i> , 2015 , 72, 49-54	14.5	13
143	Sentinel mutations in standard population sequencing can predict the presence of HIV-1 reverse transcriptase major mutations detectable only by ultra-deep pyrosequencing. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2615-23	5.1	13
142	The use of molecular assays in the management of viral hepatitis. <i>Digestive and Liver Disease</i> , 2008 , 40, 395-404	3.3	13
141	Rapid, differential diagnosis of orthopox- and herpesviruses based upon real-time PCR product melting temperature and restriction enzyme analysis of amplicons. <i>Journal of Virological Methods</i> , 2005 , 129, 97-100	2.6	13
140	Host cell antigenic profile acquired by HIV-1 is a marker of its cellular origin. <i>Archives of Virology</i> , 1995 , 140, 1849-54	2.6	13
139	Antagonistic antiviral activity between IFN-lambda and IFN-alpha against lethal Crimean-Congo hemorrhagic fever virus in vitro. <i>PLoS ONE</i> , 2015 , 10, e0116816	3.7	13
138	Dynamics of HCV genotype 4 resistance-associated variants during virologic escape with pIFN/RBV+daclatasvir: a case study using ultra deep pyrosequencing. <i>Journal of Clinical Virology</i> , 2015 , 66, 38-43	14.5	12

137	Fatal Outbreak in Tonkean Macaques Caused by Possibly Novel Orthopoxvirus, Italy, January 2015. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1941-1949	10.2	12
136	No impact of interleukin-28B polymorphisms on spontaneous or drug-induced hepatitis delta virus clearance. <i>Digestive and Liver Disease</i> , 2014 , 46, 348-52	3.3	12
135	Ultra-deep sequencing reveals hidden HIV-1 minority lineages and shifts of viral population between the main cellular reservoirs of the infection after therapy interruption. <i>Journal of Medical Virology</i> , 2012 , 84, 839-44	19.7	12
134	Retrospective investigation of an influenza A/H1N1pdm outbreak in an Italian military ship cruising in the Mediterranean Sea, May-September 2009. <i>PLoS ONE</i> , 2011 , 6, e15933	3.7	12
133	The prevalence of antibodies to human herpesvirus 8 and hepatitis B virus in patients in two hospitals in Tanzania. <i>Journal of Medical Virology</i> , 2010 , 82, 1569-75	19.7	12
132	HIV-1 DNA burden dynamics in CD4 T cells and monocytes in patients undergoing a transient therapy interruption. <i>Journal of Medical Virology</i> , 2004 , 74, 373-81	19.7	12
131	Dynamics of viral load rebound in plasma and semen after stopping effective antiretroviral therapy. <i>Aids</i> , 2003 , 17, 1089-92	3.5	12
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